Impact Area Groundwater Study Program

Final

Western Boundary
Remedial Investigation/Feasibility Report

Camp Edwards
Massachusetts Military Reservation
Cape Cod, Massachusetts

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Prepared by:

Tetra Tech EC, Inc.
133 Federal St., Boston, MA 02110
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TABLE OF CONTENTS

TABLE OF CONTENTS – Continued

TABLE OF CONTENTS – Continued

TABLE OF CONTENTS – Continued

List of Figures

List of Tables

List of Appendices

Abbreviations, Acronyms, and Symbols

2,6-DNT	2,6-dinitrotoluene
AFCEE	Air Force Center for Environmental Excellence
AMEC	AMEC Earth and Environmental, Inc.
ANGB	Air National Guard Base
ATSDR	Agency for Toxic Substance and Disease Registry
BEHP	Bis-2-ethylhexyl phthalate
bgs	below ground surface
BWD	Bourne Water District
bwt	below water table
CA	Cleared Area
COC	Contaminant of Concern
COPC	Contaminant of Potential Concern
CSM	Conceptual Site Model
DWEL	Drinking Water Equivalent Level
ECC	Environmental Chemical Corporation
ELCR	Excess Lifetime Cancer Risks
EM61	Geonics Inc. electromagnetic sensor
FS	Feasibility Studyft feet
ft/day	feet per day
GFAA	Graphite Furnace Atomic Adsorption
GIS	Geographic Information System
GP	Gun Position
MCP GW-1	Massachusetts Contingency Plan Category GW-1
HA	Health Advisory
HUTA	High Use Target Area
IAGWSP	Impact Area Groundwater Study Program
ICP	Inductively Coupled Plasma
IRP	Installation Restoration Program
LITR	Low Intensity Training Round
LUC	Land-use Control
LZ	Landing Zone
MAARNG	Massachusetts Army National Guard
MassDEP	Massachusetts Department of Environmental Protection
MCL	Maximum Contaminant Level
MCP	Massachusetts Contingency Plan
MCPP	2-(2-Methyl-4-chlorophenoxy)propionic acid
MDL	Method Detection Limit
mg/Kg	milligrams per kilogram
MMCL	Massachusetts Maximum Contaminant Level
MNA	Monitored Natural Attenuation
µg/dL	micrograms per deciliter
µg/Kg	micrograms per kilogram

µg/L	micrograms per liter
MMCL	Massachusetts Maximum Contaminant Level
MMR	Massachusetts Military Reservation
MP	Mortar Position
MS	Mass Spectroscopy
MW	Monitoring Well
ND	Not Detected
NGB	National Guard Bureau
Ogden	Ogden Environmental and Energy Services
OP	Observation Point
PCBs	Polychlorinated biphenyls
PDA	Photo Diode Array
RA	Remedial Action
RDX	Hexahydro-1,3,5-trinitro-1,3,5-triazine
RI	Remedial Investigation
RRA	Rapid Response Action
RSL	Regional Screening Level
SAR	Small Arms Range
SVOC	Semi Volatile Organic Compound
TCE	Trichloroethylene
TIC	Tentatively Identified Compound
TNT	2,4,6-Trinitrotoluene
USACE	U.S. Army Corps of Engineers
USCG	U.S. Coast Guard
USEPA	U.S. Environmental Protection Agency
USGS	U.S. Geological Survey
UXO	Unexploded Ordnance
VA	Veteran's Affairs
VOC	Volatile Organic Compound

EXECUTIVE SUMMARY

This Remedial Investigation and Feasibility Study (RI/FS) presents the findings of the investigation of the Western Boundary Study Area and an evaluation of remedial alternatives to address perchlorate in the groundwater. The Western Boundary Study Area is part of the Impact Area Groundwater Study Program (IAGWSP) being conducted at the Massachusetts Military Reservation (MMR). MMR is a 21,000-acre facility located within/adjacent to the towns of Bourne, Falmouth, Mashpee, and Sandwich in Barnstable County, Massachusetts. The Massachusetts Military Reservation includes the 15,000-acre Camp Edwards facility at which the Massachusetts Army National Guard conducts training. The investigation was conducted under the authority of the United States Environmental Protection Agency (EPA) Safe Drinking Water Act Administrative Orders SDWA 1-97-1019 and SDWA 1-2000-0014 and in consideration of the substantive cleanup standards of the Massachusetts Contingency Plan (MCP).

The Western Boundary Study Area (hereafter referred to as the Western Boundary) consists of two distinct geographic sub regions: 1) the Monument Beach Well Field located in the town of Bourne and 2) the southwestern portion of Camp Edwards. In 1999, five monitoring well clusters (MW-80 through MW-84) were installed upgradient of the Bourne Water District Monument Beach well field to evaluate groundwater quality at the MMR base boundary. Initial perchlorate sampling of these boundary wells was conducted in August 2000 and all results were non-detect. Perchlorate was first detected in monitoring well MW-80M1 in August 2001 at a concentration of 1.7 µg/L. Wells were installed within the Monument Beach Well Field starting in 2002 to monitor groundwater quality upgradient of the water supply wells, and downgradient of the MMR. There is no federally-promulgated Maximum Contaminant Level (MCL) for perchlorate in groundwater. The Commonwealth of Massachusetts Maximum Contaminant Level (MMCL) for perchlorate is 2 µg/L while the EPA Health Advisory is 15 µg/L.

In response to the perchlorate detection at the base boundary, routine sampling for perchlorate at the water-supply wells in the Monument Beach Well Field and nearby monitoring wells was implemented. Analytical results received in February and March 2002 indicated the presence of perchlorate at low concentrations (i.e., less than 1 µg/L) in groundwater samples collected from within the well field. In response to these detections, an investigation was initiated to characterize the extent of perchlorate in groundwater in the Western Boundary and to identify potential source areas for these detections.

The purpose of the investigation portion of this report is to present the results of all groundwater data collected through May 2006, characterize the nature and extent of contamination, and assess current human health risks, if any, associated with exposure to these contaminants. A focused Feasibility Study is also provided to identify and evaluate remedial alternatives to address contamination in groundwater at the Western Boundary. To date, assessment and characterization of perchlorate has included: (1) lowering of the analytical detection limit for perchlorate in water; (2) the installation of 31 monitoring well clusters (86 screens); (3) collection of 29 perchlorate soil samples upgradient of the Monument Beach Well Field; (4) routine sampling of the Monument Beach water supply wells; and (5) refinement of the regional groundwater flow model for the Bourne Area. In addition, a Site-Wide Characterization of

Perchlorate in Groundwater (AMEC, 2002) was also conducted. Data from this site-wide perchlorate characterization, as it applies to the Western Boundary groundwater, is also included in this report.

The MMR portion of the study area includes a number of sites that have been separately investigated under the IAGWSP. Each of these sites have been investigated according to the site use and suspected releases. This report includes presentation and evaluation of all groundwater results within the study area, regardless of whether the results were associated with a particular site. Soil results presented and evaluated in this report, however, are limited to those collected as part of the Western Boundary perchlorate investigation. A complete analysis of the soil analytical results for specific sites within the study area will be provided in the investigation report for each site. Specifically, gun & mortar position results will be discussed as part of the Gun & Mortar investigation, former D Range results will be discussed as part of the Small Arms Range investigation report and impact area results will be discussed as part of the Central Impact Area investigation. This report does include data for the area south and west of Range Control, which is not included in any other specific operable unit.

Perchlorate detections in groundwater within the Monument Beach Well Field have all been below 1 µg/L and for the most part have been sporadic in nature. Perchlorate has been detected in groundwater on the Camp Edwards portion of the Western Boundary at a maximum concentration of 2.89 µg/L in monitoring wells MW-267M1. The detections of perchlorate on Camp Edwards are generally more consistent in nature than the detections in the well field. Perchlorate has also been detected in soil samples collected on the Camp Edwards portion of the Western Boundary at a maximum concentration of 5.87 µg/Kg (Grid 193B). However, the source of the perchlorate is unclear as the results of sampling indicate a low level and sporadic distribution of perchlorate in soil.

Perchlorate appears to have been released as particulate from small, widely-distributed perchlorate containing pyrotechnic devices. The presence of perchlorate on the soil surface has been difficult to measure owing to its high solubility. Particulate perchlorate appears to have been present in several source areas over a period of five or more years, based on the groundwater results for downgradient wells. Dissolved perchlorate migrates through the vadose zone to the water table. Once in groundwater, perchlorate moves through the aquifer at the velocity of groundwater flow, about 1 foot/day in this area of MMR. Groundwater containing perchlorate migrates deeper in the aquifer as it moves downgradient, due to aquifer characteristics and the accretion of infiltrating rainwater. Groundwater containing perchlorate is potentially accessible for human ingestion via supply wells.

A Human Health Risk Screening has been prepared for groundwater contamination at the Western Boundary. The objective of the risk screening is to identify any contaminants in groundwater within the Western Boundary that may require further evaluation in the Feasibility Study. The analysis also includes an evaluation of the potential for perchlorate detected during the Western Boundary investigation to leach from soil and migrate through the subsurface to groundwater. The focus of this leaching assessment was on data collected as part of the Western Boundary Investigation.

The risk screening was performed by comparing the maximum detected concentration of each analyte detected in groundwater against its Federal Maximum Contaminant Level (MCL) and Massachusetts Maximum Contaminant Levels (MMCL), where available. In the absence of state or federal MCLs, the analytes were compared against the Massachusetts Contingency Plan (MCP) Method 1/GW-1 standards. The results of this screening identified a small perchlorate plume above the MMCL of 2 µg/L based upon repeated detections of perchlorate in monitoring wells MW-233M3 and MW-267M1. Maximum observed perchlorate concentrations in these wells were <3 µg/L. A proposed water supply well (WS-4) lays downgradient and slightly to the north of the highest concentrations of perchlorate. This perchlorate plume was further evaluated in the Feasibility Study portion of the report. Other perchlorate detections in the Western Boundary dataset were generally below 2 µg/L.

Twenty-nine soil samples were collected for perchlorate analysis within the Western Boundary, including duplicates. Eight of these samples were also analyzed for explosives. Perchlorate was the only analyte detected in the Western Boundary soil dataset which included soil samples collected in areas upgradient of the Monument Beach Well Field, including the area south of Range Control and the southwest Impact Area (geophysical anomaly, 97-5 backtrack, Cleared Area 12, Bunker 3, and Bunker 4). The maximum detected concentration of 5.87 µg/Kg was slightly above the MMR SSL of 3.1 ug/Kg but well below the MCP S1/GW-1 Standard of 100 µg/Kg. Therefore, perchlorate detections in soil were not further evaluated.

The feasibility study evaluated two alternatives: 1) No Action and 2 Monitored Natural Attenuation and Land Use Controls. Both alternatives are capable of remediating the perchlorate plume through natural attenuation processes. However, without monitoring, it would not be possible to confirm that the natural processes have successfully remediated the plume. The response action objectives are to restore the useable groundwater to its beneficial use wherever practicable within a timeframe that is reasonable given the particular circumstances of the site; to provide a level of protection in the aquifer that takes into account that the Cape Cod aquifer, including the Sagamore Lens, is a sole source aquifer that is susceptible to contamination; and to prevent ingestion and inhalation of groundwater containing COCs (perchlorate) in excess of federal maximum contaminant levels, Health Advisories, DWELS, applicable State standards or an unacceptable excess lifetime cancer risk or non-cancer Hazard Index. Each of the alternatives is capable of achieving background concentrations of perchlorate throughout the plume and achieving risk-based levels in less than 10 years.

There are currently no wells in the Western Boundary with perchlorate concentrations above the MMCL of 2 µg/L and the model predicts that the plume would have attenuated below 2.0 µg/L by 2008. While both alternatives would be protective of human health and the environment and provide a permanent remedy, Alternative 2 includes provisions for groundwater monitoring. Groundwater monitoring would provide a mechanism to verify that the downward trend in perchlorate concentrations continue and to confirm the accuracy of model simulation.

1.0 INTRODUCTION

The Western Boundary was initially investigated as part of the overall Impact Area Groundwater Study Program (IAGWSP), whose aim was to characterize the nature and extent of contamination on Camp Edwards. Investigation findings in early 2002 included the discovery of perchlorate contamination in the groundwater both on the western boundary of Camp Edwards and in the Monument Beach Well Field located in Bourne, Massachusetts. Based on these early detections, an investigation was initiated to determine the nature and extent of contamination in the well field and the upgradient area, hereafter referred to as the Western Boundary. The results of this early investigation were reported in the Draft Bourne Perchlorate Response Plan (AMEC, 2002a). The plan identified data gaps in characterizing the nature and extent of groundwater contamination and provided recommendations for additional investigation. This report provides the most recent results from the expanded groundwater and soil investigations. The Western Boundary investigation was conducted under the authority of the United States Environmental Protection Agency (EPA) Safe Drinking Water Act Administrative Orders SDWA 1-97-1019 and SDWA 1-2000-0014 and in consideration of the substantive cleanup standards of the Massachusetts Contingency Plan (MCP).

The MMR portion of the study area (a small area of the western portion of Camp Edwards) includes a number of sites that have been investigated under the IAGWSP. Each of these sites have been investigated according to the site use and suspected releases. This report includes presentation and evaluation of all groundwater results within the study area from 1999 through May 2006, regardless of whether the results were associated with a particular site. However, the soil results presented and evaluated in this report are limited to those collected as part of the Western Boundary perchlorate investigation. A complete analysis of the soil analytical results for potential source areas will be provided in the investigation report for each site. Specifically, gun & mortar position results will be discussed as part of the Gun & Mortar investigation, and former D Range results will be discussed as part of the Small Arms Range investigation report and impact area results will be discussed as part of the Central Impact Area investigation. This report does included data for the area south and west of Range Control, which is not included in any other specific operable unit.

Section 2.0 of this report provides background information on the Western Boundary including the physical characteristics of the area, the history of site use, and the relationship of the Western Boundary to adjacent study areas. A summary of investigations is presented in Section 3.0. The nature and extent of contamination is described in Section 4.0. The conceptual site model is presented in Section 5.0. The soil and groundwater risk screening is included in Section 6.0. Section 7.0 provides investigation findings and Section 8.0 provides an introduction of the Feasibility Study. Section 9 discusses the development and screening of treatment technologies while Section 10 discusses the development of alternatives. A detailed evaluation of alternatives is provided in Section 11. Section 12 provides a comparative analysis of potential remedies. Finally, section 13 contains conclusions.

2.0 SITE BACKGROUND

2.1 Environmental Setting

2.1.1 Geographic Setting

MMR includes Camp Edwards, Otis Air National Guard Base, United States Coast Guard Air Station Cape Cod, Cape Cod Air Force Station, and the Veteran's Affairs Cemetery. MMR is located on the western side of Cape Cod, Massachusetts (Figure 2-1). The northern, non-cantonment area of MMR is a wooded area on the Upper Cape that is largely undeveloped, but fringed with highways, homes, and other development (Cape Cod Commission, 1998). The predominant land use surrounding MMR is residential or commercial development. MMR is situated within/adjacent to the four towns of Bourne, Sandwich, Falmouth, and Mashpee.

2.1.2 Cultural Setting

Land use near MMR is primarily residential and recreational, and secondarily agricultural and industrial. Portions of MMR are opened for deer and turkey hunting by permit from the Massachusetts Division of Fisheries and Wildlife. The major agricultural land use near MMR is the cultivation of cranberries. Commercial and industrial development in the area includes service industries, landscaping, sand and gravel pit operations, municipal landfills, and wastewater treatment facilities (USACE, 2002). An archaeological survey covering 72 percent of Camp Edwards was conducted in 1987 to assess its archaeological sensitivity. One historic site and 26 prehistoric sites were identified within Camp Edwards. Findings from these surveys indicate that humans inhabited the Camp Edwards area up to 10,000 years ago.

2.1.3 Ecological Setting

The northern two-thirds of MMR are characterized as undeveloped open area, while the southern third is characterized as developed land. The dominant vegetation types vary accordingly. The northern portion of MMR consists of forested uplands dominated by stands of pitch pine (*Pinus rigida*) and mixed oak species (*Quercus spp.*) with a diverse shrubby understory. Remnant vegetation in the southern portion of MMR consists of open grassland fields interspersed with scattered trees and shrubs. The present composition of these forests is a reflection of eighteenth-century logging practices, replanting strategies, and fire suppression activities. The other dominant cover type in this area consists of pitch pine and scrub oak barrens that are maintained by periodic fires (USACE, 2002).

There are 39 state-listed species observed on MMR. About half of these are lepidoptera (i.e., moths), such as Gerhard's underwing moth (*Catocala herodias gerhardi*), the barrens daggermoth (*Acronicta albarufa*), and Melsheimer's sack bearer (*Cicinnus melsheimeri*). State-listed plant species documented on MMR include broad tinker's weed (*Triosteum perfoliatum*), ovate spikerush (*Eleocaris obtusa var. ovata*), Torrey's beak-sedge (*Rhynchospora torreyana*), and adder's tongue fern (*Ophioglossum pusillum*). Rare bird species on MMR include the upland sandpiper (*Bartramia longicauda*), the grasshopper sparrow (*Ammodramus savannarum*), the vesper sparrow (*Pooecetes gramineus)*, and the northern harrier (*Circus cyaneus*). These species are primarily associated with the grassland fields in the southern cantonment area. No threatened or endangered amphibians, reptiles, fish, or mammals are

known to inhabit MMR; however, MMR does support a number of animals that are listed by the state as species of special concern. These include the eastern box turtle (Terrapene carolina), the Cooper's hawk (Accipiter cooperii), and the sharp-shinned hawk (Accipiter striatus) (USACE, 2002).

2.1.4 Climate

The climate for Barnstable County, where MMR is located, is defined as humid continental. The neighboring Atlantic Ocean has a moderating influence on the temperature extremes of winter and summer. Winds of 30 miles per hour may be expected on an average of at least one day per month. Gale force winds can be common and more severe in winter. Temperatures range from 29.6 °F in February to 70.4 °F in July, with a yearly average of 49.6 °F (USDA, 1993).

Mean annual precipitation is 48 inches per year including and average snowfall of 24 inches. Occasional tropical storms that affect Barnstable County may produce 24-hour rainfall events of 5 to 6 inches (NGB, 1990).

2.1.5 Geology

The geology of Upper Cape Cod is comprised of glacial sediments deposited during the retreat of the Wisconsin stage of Holocene glaciation. Four sedimentary units characterize the regional geology: the Buzzards Bay Moraine, the Sandwich Moraine, the Buzzards Bay Outwash and the Mashpee Pitted Plain. The sedimentary units are underlain by crystalline bedrock.

The Buzzards Bay and Sandwich Moraines lie along the western and northern edges of Camp Edwards, abutting in the vicinity of the Cape Cod Canal, as shown in Figure 2-1. Masterson et al. (1999) report that the Buzzards Bay Moraine resulted from the melt water deposition of sorted sediments within a stagnant ice margin overlying a basal till. The surface of the moraine is characterized by an abundance of boulders. The upper part of the Sandwich Moraine resulted from glacial deformation of material; the lower part consists of sandy sediments. Masterson et al. (1999) describe the moraine deposits as generally consisting of gravel, sand, silt and clay with locally poorly to moderately sorted sand and gravel. Numerous discontinuous lenses of fine-grained sediments, including laminated silts and unsorted debris flow deposits are also present in the moraines. The till in the lower part of the Buzzards Bay Moraine is comprised of sand, silt and clay, and scattered gravel in a compacted, unsorted matrix. Both moraines form the hummocky ridges characteristic of the northwest and north side of MMR.

The Mashpee Pitted Plain, which consists of fine- to coarse-grained sands forming a broad outwash plain, lies to the east and south of the moraines, interior to MMR. Masterson et al. (1999) report that the lower part of the Mashpee Pitted Plain consists of fine-grained, glaciolacustrine sediments comprised of fine sand, silt, and clay. This laterally persistent facies can be encountered underlying the moraines. The Buzzard's Bay Outwash can be found along the west of the MMR boundary to the Canal and Buzzard's Bay. Like the Mashpee Pitted Plain, the Buzzard's Bay Outwash consists of coarse sand and gravel of deltaic origin with locally interbedded fine sand and silt.

Bedrock at MMR slopes from west to east (NGB, 1990). Within the Western Boundary, bedrock has been encountered in from approximately -90 feet above mean sea level in well 02-05 to

greater than -160 feet above mean sea level in well MW-233. The variation in thickness of the overburden deposits is due to the episodes of glacial advance and retreat, and the underlying bedrock geology.

2.1.6 Hydrogeology

Surface Water Resources: Surface water resources are sparse on Camp Edwards. Surface water is not retained due to the excessively drained sandy soils. Based on groundwater modeling conducted for this and other study areas at MMR, about 56 percent of the annual rainfall on Camp Edwards infiltrates the soil and contributes to the groundwater supply. No large lakes, rivers, or streams exist on the property, only small marshy wetlands and ponds. Most of the wetlands and surface waters in the Sandwich and Buzzards Bay Moraines on Camp Edwards are considered to be perched (MAARNG, 2001).

Groundwater Resources: Upper Cape Cod's freshwater reserve is supplied through an underground reservoir (the Sagamore Lens) that is part of the larger system of the Cape Cod Aquifer (ANG, 2001). The primary source of natural fresh water recharge to this groundwater system is rainfall and snow melt water. Additional water is returned to the aquifer as wastewater from domestic septic systems. Municipal sewer systems at the MMR and in parts of Falmouth return treated wastewater to the groundwater flow system through infiltration beds at the sewage treatment facilities. Wastewater return flow accounts for approximately 5 percent of the total groundwater recharge in the MMR region (ANG, 2001).

The high point of the water table within the Western Cape Cod groundwater system occurs as a groundwater mound located beneath the east central portion of MMR. Groundwater flows radially outward: north to either the Cape Cod Canal or the Cape Cod Bay, east to the Bass River, south and southeast to Nantucket Sound, and west and southwest to Buzzards Bay (ANG, 2001). Groundwater at the Western Boundary generally flows from east to west.

The height of the water table in and around MMR can fluctuate up to 7 feet annually due to seasonal variations in groundwater recharge. Groundwater levels are highest in the spring when recharge rates are high and levels are lowest in the late summer/early autumn when rainfall is minimal. The total thickness of the aquifer varies from approximately 80 feet in the south to approximately 350 feet in the north. The variation in thickness is due to the episodes of glacial advance and retreat, the underlying bedrock geology, and the presence of fine-grained materials in the deeper sediments beneath the southern portion of the aquifer (ANG, 2001).

2.2 Site Use History

The part of the Western Boundary located on MMR is the area hydraulically upgradient (east) of Bourne's Monument Beach municipal supply well field. This portion of MMR and the historic site uses associated with it are shown in Figure 2-2. The portion of the study area on MMR includes Military Training Areas BA-4, A-5, A-6, and B-7; Gun and Mortar Firing Positions and Observation Points GP-2 ,GP-24, MP-1, MP-3, MP-4, MP-5, MP-6, MP-7, and MP-8, and OP-1 through OP-7; the Former D Range; and the southwestern portion of the Impact Area. The historic uses of these areas are described in the following subsections because they are potential source areas for the Western Boundary perchlorate detections. However, a complete

analysis of the soil analytical results for specific sites within the study area will be provided in the investigation report for each site. Specifically, gun & mortar position results will be discussed as part of the Gun & Mortar investigation, former D Range results will be discussed as part of the Small Arms Range investigation report and impact area results will be discussed as part of the Central Impact Area investigation. This report does include data for the area south and west of Range Control, which is not included in any other specific operable unit.

2.2.1 Military Training Areas

Military Training Areas consist of large, open areas used for troop training exercises. Several specific training areas were investigated as part of Phase II (a) and the final workplan included a use history. The following paragraph is summarized from that document.

Range use histories indicate that training-area activities occurred as early as the late 1930s and continued up to the present, except that use of pyrotechnics including those containing perchlorate was discontinued in 1997. Site uses at training areas included A-5 (tear gas & pyrotechnics), A-6 (tear gas), and B-7 (pyrotechnics). Ordnance discoveries indicate smoke grenade use in BA-4, and artillery simulators use in BA-4 and B-7. The Archive Search Report (USACE, 1999) indicates that grenade simulators and artillery simulators were the most common ordnance discoveries in the training areas. Constituents of these pyrotechnics include ammonium and potassium perchlorate. A 1949 map depicts a rifle range known as Combat Training Range #1 centrally located on the south side of A-5 along Fredrikson Road. Land Nav II is a portion of A-5 designated for land navigation training. Navigation training is performed with communication and navigation equipment, and typically does not include pyrotechnic devices. A Landing Zone was located within Land Nav II. Landing Zones are typically used to train pilots and ground troops in maneuvers involving the field landing of helicopters, and pyrotechnic devices are an integral component of these exercises. The devices include smoke grenades and flares. The locations of and sampling results for Landing Zone as well as additional information regarding training areas is presented in the Draft Training Areas Data Summary Report (AMEC 2005a).

2.2.2 Gun and Mortar Firing Positions and Observation Points

Gun and Mortar positions were used to fire artillery and mortar rounds at targets within the Impact Area. Selected positions were investigated as part of Phase I starting in 1997; investigations were expanded to the remaining positions as part of Phase II (a) starting in 1998. Additional delineation of the nature and extent of contamination is still underway.

Artillery and mortars have been fired at Camp Edwards since as early as 1908, although more formalized and frequent training began around 1940. The firing of mortars and artillery was discontinued in 1997. Site activities included firing artillery which could release unburned propellant from the gun or mortar barrel, and the burning of excess propellant on the ground (discontinued in 1989).

A former Infiltration Course was located at MP-4 in the 1940s and 1950s. Machine guns fired at a safe distance overhead. Ordnance used at the course includes small arms ammunition (cal .30 ball) and blocks of TNT.

Observation points were locations overlooking the Impact Area that were used to observe the accuracy of gun and mortar firing at specific targets in the Impact Area. These areas were accessed by individuals using sighting and communication devices. There is no known contaminant release potential associated with these uses.

2.2.3 Former D Range

Former D Range is an unbermed small arms range that has been investigated along with other bermed and unbermed ranges from 2002 to the present. The Former D Range was constructed between 1935 and 1941 for use as an anti-aircraft miniature rifle range using 0.22 caliber ball rounds. Over time it was used to fire 0.50 caliber 0.30 caliber and 7.62mm ball rounds. Propellants may be released at firing lines due to incomplete combustion and metals from the rounds themselves may be released at target areas.

2.2.4 Impact Area

The Impact Area is a 2,200-acre exclusion zone containing targets for artillery and mortar practice. The artillery and mortar target areas, which are generally located north of Succonsette Pond, have a potential for release of explosives. These target areas have been investigated since 1997. Perchlorate and explosives have been detected in groundwater. The perchlorate is believed to be the result of the use of low-intensity training rounds (LITR), which have a spotting charge that contains perchlorate. Groundwater contaminants from the target areas migrate west, passing north of the Western Boundary.

Several parts of the southwestern Impact Area have been investigated for soil contaminants. These areas do not contain mortar or artillery targets, but showed evidence of human activity or are suspected to be upgradient from detections of perchlorate in groundwater. These include Cleared Areas #6 and #12, High Use Target Area (HUTA) Transect 5, and the end of a reverse particle track from well 97-5.

3.0 SUMMARY OF REMEDIAL INVESTIGATIONS

3.1 Initial Groundwater Sampling (1999-2002)

The Bourne Water District supplies the Town of Bourne with a portion of its drinking water via four water-supply wells (4036000-01G, 03G, 04G and 06G) located within the Monument Beach Well Field (left central portion of Figure 3-1). Supply well 4036000-01G consists of four well screens, which are connected together to one pump. The well field is located west and downgradient of the Camp Edwards Impact Area, approximately 2,000 feet from the western MMR property boundary (Figure 3-1).

In August 1999, five monitoring well clusters (MW-80 through MW-84) were installed upgradient of the Bourne Water District Monument Beach well field along the MMR property boundary (Figure 3-1). These wells were installed to monitor groundwater quality at the base boundary. These monitoring wells were sampled during the initial base wide perchlorate sampling round in August 2000. Perchlorate was not detected. In August 2001, perchlorate was detected at a concentration of 1.7 micrograms per liter (μg/L) at monitoring well MW-80M1, which is screened approximately 86 to 96 feet below the water table (bwt). Based on these results a groundwater monitoring program was initiated in the Monument Beach Well Field.

Routine groundwater sampling for perchlorate in the Bourne Water District water supply wells (4036000-01G, 4036000-03G, 4036000-04G and 4036000–06G) and sentinel wells (97-1, 97-2, 97-3, and 97-5) was initiated in October 2001. Monitoring wells located at the base boundary were sampled for all “Phase I” analytes (including metals) during four sampling events in 1999-2000. Thereafter, these wells were sampled annually for most of the Phase I analytes, including metals. Perchlorate was not detected in the water supply wells during the October 2001 (0.85 μg/L method detection limit [MDL]), January 2002 (0.35 μg/L MDL), or February 2002 (0.35 μg/L MDL) sampling rounds. A low-level modified Perchlorate Method 314.0 was performed at MMR and estimated J-values were reported between the reporting limit of 1.0 µg/L and MDL of 0.35 µg/L. Perchlorate was not detected in the base boundary monitoring wells during the October 2001 sampling round. However, in February perchlorate was detected within 97-1, 97-2, and 97-5 at concentrations of less than 1 μg/L. Weekly sampling of the water supply wells began in March 2002. During the March sampling rounds, perchlorate was detected at an estimated concentration of less than 0.5 μg/L in groundwater samples collected from 4036000-03G, 4036000-04G, and 4036000-06G. Due to the detection of perchlorate in the supply wells and sentinel wells, a groundwater sampling program commenced for the existing wells in the Western Boundary. Initially, the supply wells and some monitoring wells immediately adjacent to the supply wells were sampled weekly and the remaining monitoring wells were sampled monthly for perchlorate, explosives, and volatile organic compounds (VOCs).

3.2 Groundwater Flow Modeling (2001-2002)

In 2001, AMEC developed a steady-state regional groundwater flow model of Western Cape Cod to conduct modeling for Camp Edwards. This model was based on the regional groundwater flow model of Western Cape Cod developed by the U.S. Geological Survey (USGS).

The groundwater flow model was originally developed by the USGS using the 1993 synoptic water level round, which represents an average precipitation year. A synoptic water level round was conducted in May 2002. A comparison of the 1993 and the 2002 synoptic water levels were made for the regional groundwater flow system. The drought condition in the spring of 2002 resulted in a lower groundwater mound elevation as compared with 1993 conditions. The groundwater flow model significantly over predicted water levels near the apex of the mound. However, the Western Boundary water levels were slightly, though consistently, under predicted. The result of this comparison indicated that changes to the model's boundary conditions and the hydraulic conductivities were warranted. The size of the Western Boundary and the target level of refined discretization for modeling purposes pointed to an optimum strategy to develop and recalibrate a refined regional groundwater flow model.

The refined groundwater flow model was developed in August 2002. This model was developed with a substantially finer model grid cell size at the Bourne water supply well locations. Updated bedrock elevations were also incorporated into the groundwater flow model. The purpose of developing this model was to better predict groundwater flow in the Western Boundary by improving the representation of pumping wells and boundary conditions in the model.

Particle tracks were computed using the refined groundwater flow model. They show the flow path from a certain point within the model domain and can be computed in the forward or reverse direction. Forward particle tracks show the likely flow path a particle of water will take, terminating at a sink (e.g., pumping well) in the model, or at the model boundary (e.g., a river). A reverse particle track will show the likely origin of a particle of water. The endpoint of a reverse particle track is the water table (i.e., a location beneath a possible source of contamination at the ground surface). Reverse particle tracks were developed from actual groundwater detections of perchlorate at monitoring wells in the Western Boundary. It should be noted that cycling of water supply wells 4036000-01G, 4036000-03G, 4036000-04G and 4036000-06G over time, when all four wells were online, has likely affected the distribution of perchlorate within the well field. A potential source area for perchlorate was delineated using reverse particle track endpoints, and the results are discussed in detail in Section 4.

Additional details of the development of the flow model, model calibration, sensitivity analysis, changes in bedrock topography, starting location of particle tracks, and depth is included in the report titled Draft IAGWSP Technical Team Memorandum 03-1 Saturated Zone Flow & Transport Modeling Summary Report for Camp Edwards, 1997 to 2002 (AMEC, 2003a).

3.3 Tritium/Helium Age Dating (2002)

In June 2002, the USGS collected groundwater samples from MW-80M1, MW-80M2, MW-80M3, and MW-81M3 for tritium/helium age dating analysis. Tritium/helium age dating is a method of measuring the age of groundwater based on the ratio of tritium and helium. Most of the tritium in the world is due to atmospheric nuclear weapons testing and any water in contact with the atmosphere will have some tritium in it. Tritium decays to helium and when the water is at the surface, the helium is allowed to escape. Once the water leaves the surface, the helium begins to accumulate. The amount of tritium remaining in the water can determine the amount of time since the water was at the surface. The USGS provided a preliminary table of results in

early 2003, which were used to check the calibration of the latest regional groundwater flow model and to gain a better understanding of the groundwater flow system in the Western Boundary and elsewhere.

Table 3-3 presents the comparison of groundwater age at the sampled screen intervals with particle track modeling predictions of travel time since recharge for wells within the Western Boundary. Differences between observed and modeled age are computed. While a few significant discrepancies exist between these two estimates of groundwater age, the following conclusions can be drawn:

- none of the measurements differ from predictions by more than 10 years
- four of the five measurements differ by approximately 3 years or less
- the mean of all differences is -1.1 years, suggesting equal frequency of under predictions and over predictions of groundwater age
- no spatial bias is apparent

Wells MW-80M1 and MW-80M2 ages are under predicted and over predicted by 2.7 and 1.7 years, respectively. In light of the inherent uncertainties in both methodologies and the overall age of these waters since infiltration (> 10 years), this can be considered very close agreement. For the shallower screens at MW-81M3 and MW-80M3, ages are under predicted and over predicted by 9.0 and 2.6 years, respectively. These differences represent a significant percentage of the overall age of the waters since infiltration, but are most likely attributable to uncertainties in transient recharge processes close to the water table where waters may be rapidly flushed or stagnate depending on local recharge conditions.

As a consequence of these comparisons, further calibration of the current regional flow model was not warranted.

3.4 Initial Monitoring Well Installations (2002)

As a result of the perchlorate detections, fifteen monitoring well locations (02-01 through 02-15) within or adjacent to the Monument Beach Well Field were proposed to determine the extent of perchlorate and to monitor the groundwater within the Supply Well zones of contribution. Since March 2002, 35 monitoring well screens have been installed at 12 of these locations. Monitoring wells were not installed at three of the proposed locations within the Monument Beach Well Field (02-06, 02-11, and 02-14) due to access issues. The rationale for the well locations is summarized in Table 3-1.

Profile samples, which are groundwater grab samples collected during the drilling process, were collected from the water table to the bottom of the borehole at approximately ten-foot intervals during borehole advancement. Profile samples were analyzed for perchlorate, explosives and VOCs. The groundwater profile results were used as a guide to set the monitoring well screens (Table 3-1). As discussed below, explosives compounds were detected in several profile samples. The majority of these detections were determined to be false positives based on careful review of the photo diode array spectra collected during the sample analysis. In some cases the spectra is inconclusive and explosives compounds are conservatively reported as

detections. Monitoring wells were installed at some of these detections. None of these detections were confirmed in the monitoring well samples collected subsequently. Profile samples analyzed for perchlorate by Method 314.0 can also be prone to interference. Many of the Western Boundary profile samples were analyzed by Method 314.0, before the introduction of the recently released USEPA Methods 331.0 by LC/MS/MS and 332.0 by IC/MS/MS. These new mass spectroscopy methods offer far more definitive, selective and sensitive perchlorate results and are less prone to false positive detections.

In response to perchlorate detections in the newly-installed monitoring wells in the Monument Beach Well Field, 16 additional monitoring well screens were installed upgradient of the well field at five locations on Camp Edwards (MW-213, MW-216, MW-219, MW-226, and MW-233). The rationale for the well screen locations is summarized in Table 3-1. Groundwater profile samples were also collected from the upgradient locations during the drilling process and analyzed for perchlorate, explosives and VOCs.

3.5 Additional Perchlorate Investigation (2002-2005)

3.5.1 Groundwater Investigations

The Draft Bourne Perchlorate Response Plan (AMEC, 2002a) detailed the work completed to date and outlined additional monitoring wells to be installed on MMR upgradient of the well field to further define the extent of perchlorate in groundwater. From February 2003 through May 2004 a total of 20 monitoring well screens were installed at 11 locations. The locations of these wells are shown in Figure 3-1. The rationale for response-plan well locations and screen depths selected is summarized in Table 3-2.

3.5.2 Soil Investigations

As part of the perchlorate investigation and in conjunction with investigations of other sites within the study area, soil samples were collected upgradient of the well field during 2002 and 2003 to search for the presence of perchlorate in soil, which may have been a source of the groundwater contamination. The locations of these soil samples are shown in Figure 3-2. Many of the soil samples upgradient of the well field were collected within the Gun and Mortar Firing Position investigation areas (grids in areas 69, 51, 19, 71, 76, 20, 21, and 75) or during the HUTA 2 investigation (grids in area 190), and evaluations of the data from these two investigations will be made in the investigation reports for each of these sites.

Other samples upgradient of the well field were collected as part of the investigations of the following areas:

- Geophysical anomaly in SW Impact Area (grids in area 191)
- Water Table intersection of 97-5 particle backtrack (grids in area 193)
- Cleared Area 12 (CA-12) (grids in area 196)
- Bunker 3 in SW Impact Area (grids in area 202)
- Bunker 4 in SW Impact Area (grids in area 203)

These five areas are not part of other sites, and the data from these investigations is evaluated in this Western Boundary report including the risk screening. The samples from CA-12 and Bunkers 3 and 4 were collected from standard 22-foot square 5-point grids where the sample was a composite from each of the five nodes. These grids had soil collected from depth intervals of 0-6 and 18-24 inches below ground surface (bgs). The samples collected from the other two areas were similar but only one depth interval (0-6 inches bgs) was sampled. Samples from all five areas were analyzed for perchlorate only.

3.6 Western Boundary Supplemental Investigation (2005-2006)

During several site reconnaissance of the area south and west of Range Control, a number of items were discovered that warranted additional investigation (Figure 3-2 and Appendix A). These included: a foam pit, a rail road tie bunker, munitions scrap, and other debris. The investigation consisted of:

- The pits that contained the “foam like material” were inspected but no foam was observed. The area of the pits was surveyed with an all metals detector and anomalies were removed. A multi-point composite sample was collected for explosives and perchlorate analysis. At the completion of the all metals detector survey it was determined that this area was a disposal area for household trash and the “foam like material” was actually cushions to a couch.
- An expended smoke grenade was removed and a discrete soil sample was collected from the imprint where the grenade had been located. Another discrete sample was collected where a second smoke grenade was believed to have been originally located. The two samples were analyzed for explosives and perchlorate. The area around both grenade locations was surveyed with an “all metals detector” along with anomaly removal. In addition, a visual reconnaissance of the general area was conducted.
- The three locations where small arms munitions were observed were later determined to be blank rounds. No sampling was conducted.
- The depression areas were surveyed with an all metals detector along with anomaly removal. A multi-point composite soil sample was collected from both depressions. The samples were analyzed for explosives and perchlorate.
- The munitions scrap was removed. The area and adjacent soil mound were surveyed with an “all metals detector” and anomalies were removed. A multi-point composite soil sample was collected for explosives and perchlorate analysis.
- The area of the railroad tie bunker was surveyed with the all metals detector along with anomaly removal. A multi-point composite soil sample was collected for explosives and perchlorate analysis.
- A metallic anomaly was surveyed with the all metals detector. The anomalies were excavated and a multi-point composite sample was collected for perchlorate and explosive analysis.

- An all metals detector survey and anomaly excavation was conducted at several debris location (arming wire, sign post, axe head, crushed drum, etc.) areas. No soil samples were collected at any of these areas. The area of a fuel spill was excavated and sent off-site for disposal.

Discrete samples were collected from a depth of 0-6 inches bgs. The multi-point composite samples consisted of 30 discrete nodes and were collected at a depth of 0-6 inches bgs. With the exception of the discrete sample collected beneath the smoke grenade, all samples were ground in a ring mill grinder, ball mill grinder, or equivalent in accordance with the ERDC/CRREL (Jenkins, et al 2004) process. Perchlorate analysis was conducted using USEPA Method 8321 and the explosives were analyzed using USEPA Method 8330NX. The location of the soil samples (SSWB001 through SSWB008) are shown in Figure 3-2.

4.0 NATURE AND EXTENT OF CONTAMINATION

4.1 Soil and All Metals Detector Survey Results

Soil samples collected from the following sites (shown with their respective study area designations) were included in the Western Boundary soils evaluation: Bunker 3 (Area 202), Bunker 4 (Area 203), Cleared Area 12 (CA-12) (Area 196), 97-5 Particle Track (Area 193), Geophysical Anomaly (Area 191) and Western Boundary Supplemental Investigation. Sample analytes included explosives and perchlorate for the Western Boundary Supplemental Investigation, and perchlorate only for the other five areas. Sampling locations for each of the study areas listed above are shown in Figure 3-2. Appendix C provides complete sample results, which are summarized in the following subsections according to analyte group.

4.1.1 Perchlorate

Twenty-nine soil samples were collected for perchlorate analysis within the Western Boundary, including duplicates. The eight samples collected during the Supplemental Investigation in 2005-2006 were analyzed following USEPA Method 331.0 (LC/MS/MS Method). Six of these samples were collected as composite samples and two as discrete samples. The composite samples consisted of 30 increments collected from 0-6 inches following the CRREL procedure. The entire sample volume was dried, sieved through a #10 sieve, and ground using a puck mill grinder. The other 21 samples were collected during 2002-2004 as 5-point composites and were analyzed using USEPA Method 314.0. There were two detections (Figure 4-1) among the 29 perchlorate samples; 1.3 micrograms per kilogram (µg/Kg) at discrete sample SSWB001 collected from under a smoke grenade located south of Range Control, and 5.87 µg/Kg at composite sample 193B collected near the end of the 97-5 particle track in the southwest Impact Area. The higher detection exceeded the 3.1 µg/Kg MMR SSL for perchlorate.

4.1.2 Explosives

As stated in Section 4.1, there were eight samples collected for explosive analysis as part of the Western Boundary Supplemental Investigation. There were six composite samples and two discrete samples. Thirty point composite samples were collected from 0-6 inches from six locations following the CRREL procedure. The entire sample volume was dried, sieved through a #10 sieve, and ground using a puck mill grinder.

The explosive samples were analyzed following the low level explosive method developed by Severn Trent Laboratories (STL), which extracts 15 grams of sample. It was decided to use the low level method in order to get a more representative sample size for extraction and analysis because their was not enough time to perform a new MDL-study on the CRREL proposed 10 gram extraction sample size. The laboratory encountered difficulties filtering the sample extracts due to the larger sample size and the fine powder-like consistency of the ground samples. There were many interferences in the sample chromatograms and several compounds were reported at low levels because more of the organic matter from roots, sticks, bark and pine needles were allowed through the #30 sieve (<2mm size) and ground into the sample matrix than the previous method which used a #10 sieve (<0.6 mm size) without grinding. The percent differences between the primary and confirmation column showed poor comparison and the

PDA spectra could not confirm any of the reported compounds. Therefore, reported results were qualified as non-detect with elevated reporting limits due to matrix interferences.

4.1.3 All Metals Detector Survey Results

As part of the Western Boundary Supplemental Investigation of the area around Range Control, geophysical surveys were conducted around the identified items. The areas around each identified item were swept with an "all metals detector" and the anomalies were excavated. No UXO were discovered at any of the 16 locations. The anomalies produced at each of the investigation areas were mostly due to trash disposal or discarded military items (e.g., smoke grenades, blank rounds, ammunition links, and communication wire). The results of this investigation are summarized in Appendix B.

4.2 Groundwater Results

The IAGWSP has been monitoring groundwater in the Western Boundary investigation since 1999. One surface water spring and 163 well screens (see Well Screen Identification Table on page 4-3) have been sampled periodically throughout the course of the investigation for the presence of chemical contaminants. The earliest samples collected (in 1997 through 2000) were analyzed for the full suite of IAGWSP Phase I parameters but did not include perchlorate. These included explosives by SW846 method 8330, VOCs by USEPA low concentration method OLC02.1, SVOCs by SW846 method 8270, chlorinated pesticides and polychlorinated biphenyls (PCBs) by USEPA low concentration method OLC02.1, and herbicides by SW846 method 8151. Metals were analyzed by various methods, including USEPA method ILM04.1 and SW846 method 6020. Inorganic wet chemistry parameters included nitrate/nitrite, phosphorus, ammonia, sulfate, chloride, alkalinity, and total organic carbon. Perchlorate analyzed by USEPA drinking water method 314.0, was added to the parameter list in 2000.

By 2002, sampling at most well locations focused on monitoring groundwater for explosive compounds, perchlorate, and VOCs, and the other Phase I parameters were removed from the analyte list. Subsequently, as the investigation continued to center on perchlorate in groundwater, explosives and VOCs were also removed from the analyte lists of most well locations. Seventy-two (72) of these Western Boundary well screens continue to be monitored under the September 2006 Interim Groundwater Monitoring Plan (Appendix H) and four others are monitored under the 2005 MMR Site-wide Long-Term Management Program (LTMP).

The subsections below are organized by analyte group and present a complete summary and evaluation of validated laboratory results as of May 1, 2006 for groundwater sampled under the Western Boundary investigation. The data were evaluated by comparing them to selected screening-level standards for those analytes that have established values. These included the USEPA Regional Screening Levels (RSLs), Federal and State Maximum Contaminant Levels (MCLs), Health Advisories (HAs), and the Massachusetts Contingency Plan (MCP) Method I Cleanup Standards. Summary statistics including numbers of samples, detections, maximum concentrations, and number of exceedances of screening criteria are provided for each analyte in Table 4-2. Appendix D provides complete laboratory results for samples from monitoring wells, and Appendix E provides results for profile samples collected during drilling.

Well Screen Identification				
00-1	00-1D	00-2D	00-2S	00-4
00-4DA	00-4DB	00-5	00-6	00-7
01-1	01-2	**02-01M1**	**02-01M2**	**02-02M1**
02-02M2	**02-02S**	**02-03M1**	**02-03M2**	**02-03M3**
02-04M1	**02-04M2**	**02-04M3**	**02-05M1**	**02-05M2**
02-05M3	02-07M1	02-07M2	**02-07M3**	**02-08M1**
02-08M2	**02-08M3**	**02-09M1**	**02-09M2**	**02-09S**
02-10M1	02-10M2	02-10M3	**02-12M1**	**02-12M2**
02-12M3	**02-13M1**	**02-13M2**	**02-13M3**	**02-15M1**
02-15M2	**02-15M3**	1-88A	1-88B	**4036000-01G**
4036000-03G	**4036000-04G**	**4036000-06G**	97-1	**97-2**
97-2B	**97-2C**	97-2D	97-2E	97-2F
97-2G	97-3	**97-5**	BHW-222	BHW-223
BHW-224	LRWS2-3	LRWS2-6	M-1	M-2
M-3	M-4	M-5	M-6	M-7
MW-21M1	MW-21M2	MW-21M3	MW-21S	**MW-213M1**
MW-213M2	**MW-213M3**	**MW-216M1**	**MW-216M2**	**MW-216S**
MW-219M1	MW-219M2	MW-219M3	MW-219M4	**MW-226M1**
MW-226M2	**MW-226M3**	**MW-233M1**	**MW-233M2**	**MW-233M3**
MW-257M1	MW-257M2	**MW-267M1**	**MW-268M1**	**MW-269M1**
MW-269M2	**MW-276M1**	**MW-276M2**	**MW-276M3**	**MW-280M1**
MW-280M2	**MW-280M3**	**MW-282M1**	**MW-282M2**	MW-285M1
MW-308M1	MW-308M2	MW-316S	MW-317M1	MW-317S
MW-46D	MW-46M1	MW-46M2	MW-46M3	MW-46S
MW-47D	MW-47M1	MW-47M2	MW-47M3	MW-47S
MW-69M1	MW-69M2	MW-69S	MW-70M1	MW-70S
MW-71M1	MW-71S	**MW-80D**	**MW-80M1**	**MW-80M2**
MW-80M3	**MW-80S**	MW-81D	MW-81M1	MW-81M2
MW-81M3	MW-81S	**MW-82D**	**MW-82M1**	**MW-82M2**
MW-82M3	**MW-82S**	MW-83D	MW-83M1	MW-83M2
MW-83M3	MW-83S	MW-84D	MW-84M1	MW-84M2
MW-84M3	MW-84S	ASPWELL	RANGECON	SPRING1
WS-4	WS-4D	WS-4S	MW-21D	

Bolded Text = Well screens sampled under 2006 WB LTMP.

4.2.1 Perchlorate

As of May 1, 2006, perchlorate was detected in 693 (~15%) of the 4495 groundwater samples collected and analyzed. Figure 4-2 presents the perchlorate results from the latest sampling

round as of May 2006. Because the detections are inconsistent and in many cases are only slightly above the detection limit of 0.35 µg/L, the area of perchlorate detections is depicted mainly using those areas where there were three consecutive rounds with detections of perchlorate, and/or consistent detection periods of six months or more. The evaluations of which wells appear to have consistent detections are described in detail for each area. Historic detections have been represented as migrating westward with groundwater flow at an average rate of 1 foot/day; e.g. in the southernmost area, the transition from historic detections to non-detect at MW-216 and MW-276 indicates that the upgradient, eastern edge of the perchlorate has migrated slightly downgradient of those locations. As perchlorate moves downgradient it migrates deeper in the aquifer as clean water from precipitation accumulates above the perchlorate-contaminated water.

Figure 4-3 presents a cross section location map, and Figures 4-4, 4-5, and 4-6 present cross-sections A–A', B-B' and D-D', and C–C', respectively. Section A-A' generally follows a groundwater flow path that depicts some of the higher concentrations detected in the southern area. Within the Monument Beach Well Field, Section A-A' bends south, deviating from the modeled flow path, to include the consistent detections at well cluster 02-05. The northwestern and northeastern areas of perchlorate detections are depicted in Sections B-B' and D-D', respectively. Each section approximates separate, yet parallel, flow paths that are offset several hundred feet. Section C-C' depicts the distribution of perchlorate in groundwater perpendicular to flow at the MMR boundary. Sections A-A' and C-C' depict the concept of overlapping areas of detections that in plan view appear as one (Figure 4-2).

Figures 4-7 and 4-8 present changes in perchlorate concentrations in groundwater over time using a series of graphs depicting detections at each screen for selected wells. Wells were selected for graphing based on their location within or adjacent to the areas of perchlorate detections. The graph widths are approximately proportional to monitoring time. Graph boxes are stacked on top of each other in the order of the screen depths (shallower screen = upper graph), and the boxes are shaded to indicate whether the screen occurs in the top, middle, or bottom third of the aquifer. Each graph starts with the first sample and ends with the last at that particular screen. Since the x-axis labels are annual starting with the first sample, the labels vary between wells. Nondetect results are graphed as 0 to facilitate identification of nondetects. Graphs are situated from east-to-west approximately corresponding to well position.

Figure 4-9 depicts reverse particle tracks based on groundwater modeling from consistent perchlorate detections, and potential source areas based on these tracks and other factors. In some cases the groundwater detections occurred at several screen depths, and the tracks shown are for the deepest screen as indicated by the track label. The eastern terminus of a reverse particle track represents the water table surface beneath a potential source area. Note that MW-216 does not have a particle track depicted as these historic detections were at the water table. The three particle tracks originating in the well field west of MMR may be less accurate indicators of potential source areas than the other particle tracks; the town's alternate pumping of different supply wells in the well field depending on demand and other factors is likely to spread contamination both horizontally and vertically, and the steady-state groundwater model used for particle tracking did not account for this pumping regimen.

Potential source areas are located within the shaded area in Figure 4-9 based on the reverse particle tracks, the soil sampling results presented in Section 4.1, and the site use history presented in Section 2.2. The southern potential source area has an eastern boundary based on the detection in soil grid 193B (97-5 particle backtrack); a northern boundary based on the particle track for 02-04; a western boundary based on particle tracks for MW-213 and MW-226; and a southern boundary based on the particle track for 02-05. This southern area also includes detections at several soil grids that are within other sites (Gun/Mortar Firing Positions and HUTA 2) and will be evaluated as part of the RIs for those sites. The northern potential source area is based on particle tracks for MW-233 and MW-267.

The remainder of this subsection provides additional detail for each of the three perchlorate areas shown on Figure 4-2.

4.2.1.1 Southern Area

The southern area of perchlorate detections extends, starting from within MMR slightly west of GP-2, westward into the Monument Beach Well Field between supply wells #1 (a series of four wells designated as 4036000-01G) and #6 (-06G) as shown in Figure 4-2. The most consistent detections are generally in the upper third of the aquifer in the east, and in the middle or lower third of the aquifer in the west (Figures 4-4 and 4-7). This is consistent with the general groundwater flow which is deeper moving downgradient to the west, due to the accretion of infiltrating precipitation. However, detection depths and reverse particle tracks (Figure 4-9) from wells in the southern area suggest a variety of possible source areas, such that it is unlikely that the plume is continuous or that all detections are related to each other.

West of MMR, perchlorate detections <1 μg/L have been consistently repeated in monitoring well 02-05 in the M1 and M2 screens in the bottom and middle third of the aquifer, respectively (Figure 4-7). Detections were less consistent in the shallowest screen 02-05M3, though this is also in the middle third of the aquifer. The area of perchlorate detections in groundwater extends as far west as 01-1 and Supply Well #1, in which detections have been less frequent than 02-05 and where none of the detects comprise three consecutive sampling events. The screens in well cluster 02-13 and well 1-88 have had detection periods exceeding three rounds but the longest of these was less than two months, and detections in these wells have been less infrequent since early 2003. Therefore, the northern border perchlorate is depicted as south of 02-13 and 1-88 in the well field. Supply Well #6 has had two detections in 2002 and one in 2005. The plume is conservatively shown as migrating west of well cluster 02-05 based on the detection history at that location. Whether consistent detections of perchlorate actually occur in the area downgradient of 02-05 is unknown considering the sporadic detections for Supply Wells #1 and #6 and the other monitoring wells in this area.

The southern extent of the perchlorate near the well field is defined by monitoring well cluster 02-15 which had a single detection over a 3.5-year period, and well cluster 97-2; perchlorate has been detected once in 97-2E and 97-2G, as many as six times over a 5-month period in 97-2C (detections have been sporadic since January 2004), and has not been detected to date in 97-2B, 97-2D, and 97-2F. The northern extent of the perchlorate near the well field is defined by sporadic detections in well clusters 02-08, 02-02, and Supply Well #3 (4036000-03G).

Considering the consistent detections in well cluster 02-09 until August 2004, a disconnected area could be drawn downgradient of 02-09 migrating in the direction of 1-88, 02-13, and Supply Well #1. As a conservative simplification, 02-09 was included within the northern edge of the plume, and a single southern plume is depicted.

The southern extent of perchlorate upgradient of the well field, near Route 28, bends slightly south around well cluster MW-82 (no detects) following the reverse particle track for 02-05. Although the plume in this area is conservatively shown as continuous from south to north, there may actually be several lobes based on the different depths where contamination was observed, shallowest in the north and progressively deeper to the south. The northern extent of the perchlorate in this area is based on the history of detections at MW-213 and the projected migration of this contamination in the direction of well 97-2 and well clusters 02-07 and 02-10. Those downgradient wells have not had detections since July 2004, and the most consistent detections before that were at 97-2 with four detects over a 3-month period in mid-2003.

Within MMR, perchlorate has been detected at concentrations up to 2.26 µg/L, measured at well MW-80M1 in April 2002. This was the only sample in the southern area exceeding 2 µg/L. Concentrations at MW-213M2 and M3, and also at MW-226M2, have ranged from 1.5 to 1 µg/L but have been below 1 µg/L since 2003.

The northern extent of perchlorate is defined by well clusters MW-81 (two detects in screen 81M2) and MW-269 (one detect in screen 269M1). Along the northern edge of the plume, perchlorate had been detected as far east as monitoring well clusters MW-216 and MW-276, at concentrations between 1 and 2 µg/L in the upper third of the aquifer. Perchlorate has not been detected in well clusters MW-316 or MW-317 located east and upgradient of these wells, and the upgradient extent in this area is based on the historic detections in MW-216 and MW-276. Along the southern edge, the reverse particle track for 02-05 west of MMR passes about 100 feet north of well cluster MW-82 and several hundred feet south of cluster MW-21. Based on the history of nondetects at clusters MW-308 and MW-21, the southern edge of perchlorate in this area bends to the north, west of MW-308.

Several possible source areas are inferred based on the soil and groundwater results. Generally it appears the sources are depleted, considering the current lack of consistent groundwater detections at or near the water table, and the few surface soil detections. This is consistent with the fact that perchlorate is a salt and dissolves very quickly.

On the south side, the reverse particle track for 02-05 extends into the southern Impact Area near historic Cleared Area #12. Soil sampling at Cleared Area #12 did not identify residual perchlorate. The 02-05 particle track also passes a few hundred feet south of MP-4, a former infiltration course where very low levels of perchlorate was detected in surface soil.

Near the centerline, reverse particle tracks from 02-09M1, MW-80M1, MW-226M2, and MW-276M3 all terminate within about 1500 feet of each other in an area south of GP-2 and west of MP-4. This area is along the eastern edge of Training Area BA-4. One discrete soil sample in this area had a detection of perchlorate.

The northern portion includes a particle track from MW-213M2 that passes through GP-24 and traverses Training Areas A-6 and A-5, and consistent water table detections occurred up until January 2005 at MW-216S located in Training Area BA-4 near GP-2. Soil sampling around MW-216S and at both gun positions did not detect perchlorate.

4.2.1.2 Northwestern Area

The northwestern area of perchlorate detections was identified based on a 14-month period of detections of about 0.5 µg/L in well 02-04. This period was from March 2004 to May 2005, such that the perchlorate is projected to have moved downgradient (west) of 02-04 in the direction of wells 00-1D and 00-2 (Figure 4-8). Neither of these downgradient wells has had perchlorate detects in the monitoring period, which is from early 2002 through 2005. Upgradient well 00-5 has not had detects but was only monitored for one year between 2002 and 2003, and its screen appears to be too shallow to detect this contamination (Figure 4-5). Further upgradient but slightly north of the particle track, well cluster MW-81 has had two detects <0.5 µg/L, one each in 2002 and 2003. Supply Well #4 (4036000-04G) to the south of the projected plume had sporadic detects about quarterly in 2002, and one detect in 2004.

The reverse particle track for 02-04M1 shown in Figure 4-9 passes about 200 feet south of MW-81, between the southern and the northeastern areas. This trajectory passes under GP-2 and ends at the southwest boundary of the Impact Area. Potential source areas include GP-2 and the training areas. Perchlorate was not detected in soil samples collected at GP-2. Considering the position of the perchlorate far west of MMR and the lack of surface soil detections in the suspected source area, it appears the source is long since depleted.

4.2.1.3 Northeastern Area

The northeastern area of perchlorate detections was identified based on detections at wells MW-233M3 and MW-267M1. MW-233M3 has had detections from the start of monitoring in October 2002 through the present, and MW-267M1 has had detections from the start of monitoring in May 2003 until February 2005 (Figure 4-8). Both wells have had concentrations ranging from 2 to 3 µg/L for a period of about five months. Upgradient wells MW-285 and the Range Control supply well, downgradient well MW-268, and well clusters MW-257, MW-280, and MW-282 to the north have not had detections since the start of monitoring in 2003.

Reverse particle tracks for MW-233M3 and MW-267M1 overlap and end within a few hundred feet of each other, in an area a few hundred feet northeast of Range Control. After reviewing all existing records, there do not appear to have been any documented activities in this area that would have resulted in perchlorate releases. One potential source is the random use of perchlorate containing pyrotechnics; however, the exact locations of such activities are unknown. Another potential source area is the mortar firing positions located about 1500 feet east of the reverse particle track end points. The rapid declines in shallow detections at MW-267M1 from 2003 to 2005, and the subsequent four measurements showing no detectable perchlorate in this well from June 2005 to April 2006, suggest depletion of the source.

4.2.2 Explosives

Several other munitions-related compounds were detected in groundwater. The detections were solitary and do not suggest a significant area of groundwater contamination.

2,4,6-Trinitrotoluene (TNT) was detected once in well LRWS2-3 in a sample collected in August 1998 by the Air Force Center for Engineering and the Environment (AFCEE) under the Installation Restoration Program. However, the result was later determined to be a false positive and was assigned a concentration of zero.

2,6-Dinitrotoluene (2,6-DNT) was detected once each in well screens MW-84M1 and MW-84D in samples collected in August 2001. These detections were not repeated in subsequent samples from December 2001 through 2005. The estimated concentrations were 0.27 µg/L in the M1 screen and 1.9 µg/L in the D screen.

Particle tracks were prepared in February 2002 based on these detections, using AMEC's MMR-8 model variant with two supply well pumping scenarios: the first scenario used the average pumping rates for the year 2000, while the second scenario was based on USGS' projected increases for the year 2020 (USGS, 1998). The D screen is at the bottom of the aquifer, and the origin of this groundwater is near the top of the water table mound with an estimated travel time of hundreds of years. The M1 screen is about 40 feet above the D screen, and the origin of this groundwater is 1000 feet south of the Impact Area with an estimated travel time of about 40 years. Forward particle tracks from both screens pass south of the Monument Beach Well Field and discharge to the Pocasset River under the year 2000 pumping rate scenario. In the increased pumping scenario, the M1 forward track is captured by Supply Well #6, while the D forward track passes to the south and discharges to Buzzards Bay.

Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) was detected once in well screen MW-70S, a water table well located at MP-4. This was the only RDX detection at MW-70S in 10 sampling events between October 1999 and December 2006. The RDX was detected in the October 2005 sampling event at an estimated level of 0.3 µg/L. The concentration was below the 10^{-6} risk-based concentration that results in an excess cancer risk of one in a million (0.6 ppb), the Method 1 GW-1 Standard of 1 µg/L and the Health Advisory of 2 µg/L. Sampling of this well screen will continue in accordance with the 2005 MMR Site-wide LTMP.

4.2.3 Volatile Organic Compounds (VOCs)

VOCs detected above screening criteria mainly consisted of chloroform. Single detections above the RSL also occurred for bromodichloromethane, cis-1,3-dichloropropene, and trichloroethylene (TCE). None of these four isolated occurrences (out of about 1400 samples) exceeded their respective MCLs, and each occurred at a different location.

Non-target analytes or Tentatively Identified Compounds (TICs) in groundwater samples are listed in Table 4-3. Approximately 56% of the TICs were miscellaneous compounds including unknowns without further possible classification. Approximately 26% of the TICs are commonly attributed to the analytical process, and include surrogates used for quality control purposes (1-bromo-3-fluorobenzene), compounds historically detected in method blanks (butylated hydroxytoluene), and analytical instrumentation artifacts from possible air leaks (carbon dioxide)

or chromatographic column bleed (unknown siloxane derivatives). Aliphatic hydrocarbons are linear, branched, or cyclic carbon-hydrogen compounds that accounted for approximately 10% of the TICs. These compounds are ubiquitous in the environment from natural sources and may also be present as a result of petroleum hydrocarbon product usage. Less than 10% of the TICs were miscellaneous alcohols or acids.

Chloroform appears to be ubiquitous within the portion of the aquifer being studied. It was detected in 1262 (~93%) of the 1362 groundwater samples collected for VOC analysis. Concentrations ranged from 0.20J to 4 µg/L, exceeding the 0.19 µg/L RSL in every sample. None exceeded the MCP GW-1 (70 µg/L), or the HA (70 µg/L) screening values for chloroform.

Chloroform has been widely observed in groundwater across the Upper Cape, as stated in a joint Chemical Fact Sheet issued by AFCEE, USEPA, MassDEP, U.S Agency for Toxic Substances and Disease Registry (ATSDR), and the Massachusetts' Department of Public Health. The Chemical Fact sheet attributes the widespread presence of chloroform in groundwater in the Upper Cape to several sources including by-product formation in chlorinated public drinking water supplies, municipal and industrial wastewater, and swimming pool and spa water.

TCE was detected in 26 samples (~2% of all samples) at concentrations ranging from 0.20J to 2.0 µg/L. Only one of the reported concentrations exceeded the 1.7 µg/L RSL, but this detected concentration was below the MCL, MCP GW-1, and the HA Standards. All detections were at five locations along the north edge of the Monument Beach Well Field; from west to east, 00-2, 00-1D, Supply Well #4, 97-3, and 02-4. Figure 4-5 provides a cross section including the northernmost three of these five wells.

The TCE appears to occur in the middle and bottom of the aquifer, at depths of 40-80 feet bwt. Well 00-2 has screens at the water table (00-2S) and about 50 feet bwt (00-2D). The deeper screen at 00-2D was sampled four times in 2002-2003 and TCE was detected in three samples ranging from 1-2 µg/L. The water table well at 00-2 was sampled three times in 2002-2003 and TCE was not detected. Well 00-1D was sampled five times in 2002 and TCE was detected each time at 1.0 µg/L; the single screen at this location is about 50 feet bwt. Supply Well #4 is near the water table and was sampled 11 times during 2002; TCE was detected once at 0.3 µg/L. Well 97-3 was sampled 15 times in 1999-2003, and the single screen at 40 feet bwt had five TCE detects of 0.2-0.7 µg/L scattered over this time period. Well 02-4 has screens at about 80 feet, 55 feet, and 40 feet bwt. All three screens were sampled five times in 2002; the two deeper screens M1 and M2 had TCE detects of 0.4-1.0 µg/L in all five samples, while the shallow screen M3 had a TCE detect of 0.2 µg/L in the last of the five samples.

The TCE detections were sporadic in the well with the longest monitoring period, 97-3 sampled over five years. TCE detections were nearly continuous for wells 00-2, 00-1D and the two deeper screens at 02-4, but these were only sampled during 2002. Considering that these three wells are situated slightly north of 97-3 and Supply Well #4, it's possible that one or more areas of continuous TCE contamination <2 µg/L existed between these three wells in 2002. The eastern, upgradient extent of this contamination cannot be determined from well 00-5 which is too shallow, but appears to be west of MW-81 based on no TCE detections at this well cluster

during four years of monitoring, from 1999-2003. As indicated in the preceding section for perchlorate, the reverse particle track for 02-04M1 (Figure 4-9) passes about 200 feet south of MW-81. This trajectory passes under GP-2 and ends at the southwest boundary of the Impact Area. Potential source areas include GP-2 and the training areas.

4.2.4 Other Analyses

Bis (2-ethylhexyl) phthalate (BEHP) was the most frequently detected SVOC, and the only one that had more than one exceedance of screening criteria. BEHP was found in 79 of the 475 samples analyzed, and 16 of these detections (scattered over 15 well screens) exceeded the MCL and MCP GW-1 Standard of 6 µg/L. While 19 of the BEHP detections exceeded the 4.8 µg/L RSL and 30 exceeded the HA of 3 µg/L. Detected concentrations ranged from 0.23 to 73 µg/L. BEHP and appear to be largely an artifact of the investigation methods, introduced to the samples during collection and analysis. This conclusion is supported by the results of subsequent sampling rounds that show much lower levels of the chemical after additional precautions were taken to prevent cross-contamination during sample collection and analysis. None of the 12 locations with BEHP exceedances had levels above the MCL in consecutive sampling rounds, and only three of the 16 exceedances have occurred since 1999. Seven other SVOCs were detected at trace levels below their screening criteria: 1,4-dichlorobenzene, 2-chloronaphthalene, 2-methylnaphthalene, benzoic acid, di-n-butyl phthalate, diethyl phthalate, and phenol.

SVOC TICs in groundwater samples are listed in Table 4-3. Approximately 48% of the TICs were miscellaneous compounds including unknowns without further possible classification. Approximately 43% of the TICs are commonly attributed to the analytical process, and include compounds historically detected in method blanks (butylated hydroxytoluene). Less than 10% of the TICs were miscellaneous aliphatic hydrocarbons, alcohols, acids, or esters.

Two pesticide compounds were detected once each among over 250 samples analyzed. Both compounds, Alpha BHC and Beta BHC, were found in well screens located at MW-81. Neither compound exceeded their respective screening standards. No PCBs were detected in 278 samples analyzed.

2-(2-Methyl-4-chlorophenoxy) propionic acid (MCPP) was the only herbicide compound detected at a concentration exceeding any of the screening criteria. MCPP was detected twice in 390 samples at concentrations of 140 µg/L (MW-81D) and 100 µg/L (MW-69S), though both results were qualified as “tentatively identified” and “estimated” levels. The RSL for MCPP is 37 µg/L. Six other herbicides were detected, though frequencies (<4%) and concentrations (<1.1 µg/L) were very low: 2,4-DB, 2,4,5-T, acifluorfen, chloramben, DCPA, and pentachlorophenol.

Metals naturally occur in groundwater and have been detected in samples in the study area. The history of use for the study area did not suggest significant sources of metals, except for the Former D Range. This range lies on the edge of the study area and so is unlikely to significantly impact groundwater across the area; moreover no impacts have been identified in preliminary sampling even at the range itself. Exceedances of criteria for metals are scattered throughout the study area and were observed for five metals: lead, molybdenum, arsenic, antimony, and

thallium. Note that the counts of exceedances in Table 4-2 include some filtered/unfiltered sample pairs, such that the total sampling events with exceedances are lower than indicated. Exceedances of the drinking water criteria for lead were only observed in three samples from the ASP supply well, and are likely associated with the piping that provides this tap water sample. In May 2002, a new PVC well, ASP Well-A, was installed by Camp Edwards' Facilities Engineering in response to the lead detections and because the water table had dropped below the well screen of the old well. Since the new well was installed, the maximum lead detection at the ASP has been 4.82 µg/L (September 2002). All of the molybdenum exceedances were observed in the March 1999 samples for wells MW-46M2 and MW-47M3, which were the first samples following well installation. Since molybdenum-containing grease was sometimes used during well installations, these samples are likely not representative of the aquifer at these locations.

Thallium detections prior to 2002 generally exceeded the screening criteria and were observed in 14 well screens. These results for the study area are similar to results for the entire IAGWSP, which appears to have had false positives for thallium prior to changes in analytical methods in 2003. Groundwater samples sent for metals analysis are analyzed for most metals by Inductively Coupled Plasma (ICP) in accordance with USEPA Contract Laboratory Program Statement of Work ILM04.0. In May 2001, the IAGWSP began analyzing for thallium using the Graphite Furnace Atomic Adsorption (GFAA) method in accordance with USEPA Drinking Water Method 279.2 in order to achieve lower detection limits. Both the ILM04.0 and GFAA methods are subject to false positive results at trace levels due to interferences. As a result, the IAGWSP changed to a new method to achieve a lower detection limit for thallium in January of 2003. Groundwater samples are now analyzed by Inductively Coupled Plasma/Mass Spectroscopy (ICP/MS) in accordance with the USEPA Method 6020. The ICP/MS Method 6020 achieves lower detection limits and reduces the number of false positive results. There have been no exceedances of the 2 µg/L MCL for thallium since January 2003.

There were no significant wet chemistry analyte detections.

5.0 CONCEPTUAL SITE MODEL

5.1 Introduction

This section provides a Conceptual Site Model (CSM) which summarizes the current understanding of contaminant sources, pathways, and receptors for the Western Boundary. The CSM is based on results of investigations which were presented in preceding sections. This section includes the physical and chemical processes affecting the fate and transport of those contaminants. The CSM provides the basis for evaluating potential risks to human health and the environment, as presented in Section 6.0 of this report.

5.2 Contaminants and Deposition

The principal contaminant for the Western Boundary is perchlorate. The Western Boundary was established as a study area due to the presence of perchlorate in groundwater downgradient of this area. The maximum historic perchlorate detection in groundwater is 2.89 µg/L at MW 267M1. The most likely source of perchlorate is the deposition on soil of unburned particles from the use of perchlorate containing pyrotechnics, based on the following site conditions:

- Based on groundwater modeling, the groundwater contamination originates over a wide area as indicated in Figure 4-9. Past use of perchlorate containing pyrotechnics is the only historic use that covers the majority of this area.
- The contaminant concentrations in groundwater are relatively low, and relatively uniform for those locations that have detections. The location of detections is somewhat sporadic. Therefore, soil concentrations producing these groundwater levels were likely uniformly low and somewhat randomly distributed. This assumption is consistent with the use of perchlorate containing pyrotechnics distributed randomly over a broad training area.
- Perchlorate represented a significant component of pyrotechnics but was not present in other materials used in the study area, such as propellants used at firing positions.
- Perchlorate concentrations appear to be declining in groundwater. Such a decline is consistent with the end of perchlorate containing pyrotechnic use at MMR in 1997, and considering fate and transport mechanisms as described in Section 5.3.

Volatile organic compounds have also been detected in groundwater. Although none of the detections exceeded drinking water standards, two compounds have consistently been detected at levels above screening criteria: chloroform and trichloroethylene (TCE). The most likely sources of chloroform are not associated with military operations, as indicated in Section 4.2.3. TCE may have originated from cleaning operations at gun positions.

Other compounds have been detected in groundwater on an intermittent basis, and some naturally-occurring compounds have been detected consistently. None of these detections appear to comprise a plume of groundwater contamination; therefore the CSM does not address these compounds. However, all detections are considered in the risk screening provided in Section 6.

Soil contaminants other than perchlorate, which were detected at locations that were investigated as part of other operable units (e.g., gun/mortar firing positions), will be evaluated for potential risks to human health through the investigation reports for those areas. Those reports will address fate/transport and risk screening of the contaminants as appropriate.

5.3 Source

Perchlorate is a highly soluble compound. Precipitation will quickly dissolve perchlorate present in surface soil, allowing the compound to infiltrate through the vadose zone down to the water table. Once in solution, perchlorate is stable, and is not subject to degradation or attenuation. Although dissolution and leaching is expected to be relatively fast based on its known fate and transport properties, the exact residence time of perchlorate in the soil and rate of migration through the vadose zone are not known. Surface soil containing relatively low levels of perchlorate (~1 µg/Kg) has been found in the Western Boundary as recently as 2005, about eight years after the last known use of perchlorate containing pyrotechnics. Also, groundwater detections at specific well screens have persisted for as long as five years, which suggests an equal longevity for the release of particulate in the source area. Sources of groundwater contamination in the Western Boundary study area appear to have been depleted within the last few years based on plume locations, low concentrations or no detections in suspected source areas, no source material detected during investigations and lack of detections in soil, as described in Section 4.2.1.

Perchlorate is unlikely to be detected in the subsurface once migrating beyond the zone of soil with source material. This is because the mass of perchlorate in contaminated pore-water is small in comparison to the total mass of soil analyzed, resulting in concentrations below available detection limits. In addition, as the wetting front moves deeper, the contaminants disperse, further diluting the concentration of perchlorate in the pore water.

5.4 Migration Pathways and Receptors

Indirect exposure of perchlorate to human receptors may occur through leaching to groundwater, as discussed below.

Perchlorate leaching to the water table migrates downgradient with groundwater flow. Because the aquifer is unconfined, the perchlorate migrates deeper in the aquifer consistent with the aquifer's horizontal and vertical hydraulic gradients. Uncontaminated recharge water from precipitation downgradient of the source area accumulates above the perchlorate-contaminated water. As a result, a discrete zone of contaminated groundwater is formed between uncontaminated groundwater, parallel to flow, with the thickness a function of the length of the source area. The distribution of perchlorate concentrations in the contaminated groundwater is a function of the distribution of perchlorate concentrations in soil at the source area. An area of higher concentration within the contaminated groundwater represents an area of higher concentration in the source area. Because of its low reactivity, perchlorate travels through the aquifer at the approximate velocity of groundwater flow, estimated to be 1 foot/day in this area.

The Bourne Water District supplies the Town of Bourne with a portion of its drinking water via four water-supply wells located within the Monument Beach Well Field. The well field is located

approximately 2,000 feet from the western MMR boundary. Travel time from the MMR boundary to the well field is approximately 5.5 years assuming a velocity of 1 foot/day.

A proposed supply well WS-4, on MMR is located about 2000 feet northwest of the nearest contaminated well (MW-233M3); travel time between the two wells would be about 5 years based on the 1-foot/day velocity. In the absence of the proposed pumping at WS-4, the groundwater at MW-233M3 is modeled to pass south of WS-4. The estimated extent of perchlorate downgradient of MW-233M3 is about 800 feet south of WS-4. Contamination in this downgradient area could enter WS-4 if it is pumped at the rates proposed in the Town's permit application.

5.5 Summary of Conceptual Site Model

Perchlorate appears to have been released as particulate from many small, widely-distributed perchlorate containing pyrotechnic devices. The presence of perchlorate on the soil surface has been difficult to measure owing to its high solubility. Particulate perchlorate dissolves rapidly in precipitation, though source areas can persist over a period of five or more years due to multiple releases. Dissolved perchlorate migrates through the vadose zone to the water table. Once in groundwater, perchlorate moves through the aquifer at the velocity of groundwater flow, about 1 foot/day in this area of MMR. Groundwater containing perchlorate migrates deeper in the aquifer as it moves downgradient, due to aquifer characteristics and the accretion of infiltrating rainwater.

Groundwater containing perchlorate is accessible for human ingestion via water supply wells. Dilution caused by supply wells extracting groundwater from clean and contaminated zones would reduce concentrations of perchlorate as the plume enters the supply wells.

6.0 RISK SCREENING

A Human Health Risk Screening was conducted for the Western Boundary. The objective of the risk screening is to identify any contaminant detected in the Western Boundary groundwater that requires further evaluation. The risk screening also includes an evaluation of the potential for contaminants detected during the Western Boundary soil investigation to leach from soil and migrate through the subsurface to groundwater. This leaching assessment will focus on data collected solely as part of the Western Boundary Investigation.

6.1 Groundwater Evaluation

Table 6-1 provides summary statistics for contaminants detected in groundwater in the Western Boundary. As shown in Table 6-1 the maximum detected concentration of each analyte was compared against its Federal Maximum Contaminant Level (MCL) and Massachusetts Maximum Contaminant Levels (MMCL) where available. In the absence of state or federal MCLs, the analytes were compared against the Massachusetts Contingency Plan Method 1/GW-1 standards. The following subsections include the results of these comparisons.

6.1.1 Perchlorate

A small perchlorate plume above the MMCL of 2 µg/L was identified based upon repeated detections of perchlorate in monitoring wells MW-233M3 and MW-267M1. Maximum observed perchlorate concentrations in these wells were ~3 µg/L. This perchlorate plume will be further evaluated in the Feasibility Study. Other perchlorate detections in the Western Boundary dataset were generally below 2 µg/L.

6.1.2 Explosives Compounds

Three explosives compounds were detected in groundwater in the Western Boundary dataset. 2,6-DNT was detected once each in well screens MW-84M1 and MW-84D in samples collected in August 2001. These detections were not repeated in subsequent samples from 2001 through 2005. The estimated concentrations were 0.27 µg/L in the M1 screen and 1.9 µg/L in the D screen. Both detections were well below the RSL of 37 µg/L. RDX was detected once in well screen MW-70S, a water table well located at MP-4. RDX was detected in the original sample and field duplicate from the October 2005 sampling at estimated levels of 0.3 and 0.26 µg/L. This was the only RDX detection at MW-70S in 10 sampling events between October 1999 and December 2006. Both detections were below the 10^{-6} risk-based concentration that results in an excess cancer risk of one in a million (0.6 ppb), the Method 1/GW-1 standard for RDX of 1 µg/L, and the Health Advisory of 2 µg/L. TNT was detected once in well LRWS2-3 in a sample collected in August 1998 by AFCEE. However, the result was later determined to be a false positive and was assigned a concentration of zero. Based on the low levels and infrequent detections, none of these compounds will be carried forward into the Feasibility Study.

6.1.3 Metals

Five metals were detected in groundwater in the Western Boundary dataset (arsenic, lead, manganese, molybdenum, and thallium) with maximum concentrations exceeding screening values. The maximum concentration of arsenic (6.4 µg/L) exceeded its MSL of 0.045 µg/L.

However this metal had a low frequency of detection (4%) and its maximum detection was below both the MCL and MCP GW-1 standard of 10µg/L. Lead was detected at a maximum concentration of 53 µg/L, from a tap water faucet in a building on base. These detections were attributed to the plumbing/piping for this older building. In May of 2002; a new PVC well was installed approximately 30 feet east of the existing well. Since the new well was installed, the maximum lead detection has been 4.82 µg/L (September, 2002) with the last three samples being non-detect. The maximum detected concentration of manganese (676 µg/L) exceeded its HA of 300 µg/L but was below its RSL of 880 µg/L. There are no known activities that occurred in the Western Boundary that would have resulted in the release of manganese; thus this metal is likely naturally occurring. The maximum detected concentration of molybdenum (51 µg/L) exceeded its HA of 40 µg/L. Molybdenum was detected in several wells installed early in the Impact Groundwater Study Program. High detections of molybdenum are likely false positives attributed to the use of "Moly Ultra" drilling grease early in the program. This grease minimized interferences to the explosives analysis but contained high levels of molybdenum. Thallium was detected in three groundwater samples from MW-84 at a maximum concentration of 5 µg/L in August 2001 which exceeded its MCL and GW-1 standard (both 2 µg/L), HA (0.5 µg/L), and RSL (2.4 µg/L). Thallium has not been detected in any of the 20 groundwater samples collected and analyzed from this monitoring well cluster location since August 2001. Furthermore, thallium has not been detected in the 55 groundwater samples from five wells collected and analyzed since then (as recently as August 2005). The earlier detections of thallium are believed to be false positives due to the older analytical method. The five metals detected above screening levels all appear to be either false positives or naturally occurring. Thus none of these metals will be considered further in the FS.

Four other metals (calcium, magnesium, potassium, and sodium) were detected in several wells in the Western Boundary. None of these metals have screening values but all are considered human nutrients and therefore will not be considered further in the FS.

6.1.4 Semivolatile Organic Compound (SVOCs)

Bis (2-ethylhexyl) phthalate (BEHP) was detected above its MCL and GW-1 Standard (both 6 µg/L). BEHP was detected in 79 of 475 (~17%) samples analyzed, and 18 of these detections (scattered over 15 well screens) exceeded the MCL. BEHP appears to be largely an artifact of the investigation methods, introduced to the samples during collection and analysis. This conclusion is supported by the results of subsequent sampling rounds that show much lower levels of the chemical after additional precautions were taken to prevent cross-contamination during sample collection and analysis. Thus BEHP will not be considered further in the FS. Bromodichloromethane was detected once in 1,362 samples at a concentration of 0.5 µg/L. This detection exceeded its MSL of 0.12 µg/L but was below the GW-1 Standard. Cis-1,3-dichloropropene was also detected only once in 1,362 samples at a concentration of 0.5 µg/L. This detection slightly exceeded the RSL (0.43 µg/L) and GW-1 Standard (0.4 µg/L) for this compound. Due to their extremely low frequency of detection (0.07%) and low concentrations, neither of these compounds will be considered further in the FS.

6.1.5 Volatile Organic Compounds (VOCs)

Two VOCs of note detected in the Western Boundary dataset include chloroform and TCE. Chloroform appears to be ubiquitous within the portion of the aquifer being studied. It was detected in 1262 of 1362 (~93%) groundwater samples collected for VOC analysis. Concentrations ranged from 0.20J to 4 µg/L. This compound was detected above its MSL of 0.19 µg/L but all detections were below the MCL for total trihalomethanes of 80 µg/L. TCE was detected in 26 samples of 1362 (<2% of all samples) at concentrations ranging from 0.20J to 2.0 µg/L. The maximum detected concentration of this compound slightly exceeded its MSL of 1.7 µg/L but all of the reported concentrations were below the MCL of 5 µg/L. Due to the low detected concentration of chloroform and the low/infrequent detections of TCE, neither of these compounds will be further evaluated.

6.1.6 Other Analytes

Two pesticides, Apha BHC (0.01 µg/L) and Beta BHC (0.01 µg/L), were detected once each in 279 samples (~0.4%). The herbicide 2-(2-methyl-4-chlorophenoxy) propionic acid (MCPP) was detected in groundwater from two monitoring well nest locations during a single analytical event each. The reported detections (100 NJ micrograms per liter [µg/L] in MW-69 and 140 NJ µg/L in MW-81) occurred in these monitoring wells during February 2000 and August 2000 sampling/analytical events, respectively. Both of these detections exceeded the HA (30 µg/L) and RSL (37 µg/L) for this herbicide. The presence of MCPP in these samples was qualified as "tentatively identified" and the concentration was qualified as "approximate". Since 2000, MCPP and 2-methyl-4-chlorophenoxyacetic acid (MCPA) have not been detected at concentrations above the laboratory reporting limit in samples collected from any monitoring well location (representing at least seven subsequent sampling events at MW-69 and three subsequent sampling events at MW-81). As documented in AMEC 2002, the analyses for herbicides MCPP and MCPA prior to 2001 has been affected by interferences that have led to tentative identifications and estimated quantifications of these compounds. In 2001, modifications were made to the herbicide analytical method to minimize interferences (AMEC 2002). As a result, the analytical data for MCPP and MCPA obtained prior to 2001 likely represent false positive results. Six other herbicides, 2,4-DB, 2,4,5-T, acifluorfen, chloramben, DCPA, and pentachlorophenol were detected at low concentrations (<1.1 µg/L) and frequencies of detection (<4%). Due to low detection frequencies and concentrations and the likelihood of false positives (MCPP) none of these compounds will be carried forward into the FS.

6.2 Soil Evaluation

6.2.1 Explosives and Perchlorate

Table 6-2 provides summary statistics for analytes detected in soil in the Western Boundary area. Chemicals applicable to the Western Boundary investigation and hence considered in the risk screening are listed at the top of the table. Below are listed other chemicals found in the area but being addressed as part of other site investigations. Perchlorate was the only analyte detected in the Western Boundary soil dataset (29 perchlorate samples and 8 explosives samples) which included soil samples collected in areas upgradient of the Monument Beach Well Field, including the area south of Range Control and the southwest Impact Area

(geophysical anomaly, 97-5 backtrack, Cleared Area 12, Bunker 3, and Bunker 4). The maximum detected concentration of 5.87 µg/Kg is slightly above the MMR SSL of 3.1 µg/L but well below the MCP S1/GW-1 Standard of 100 µg/Kg. Therefore, perchlorate detections in soil will not be further evaluated. As stated in Section 4.1.2, reported results for explosives were qualified as non-detect with elevated reporting limits due to matrix interferences. The percent differences between the primary and confirmation column showed poor comparison and the photo diode array spectra could not confirm any of the reported compounds. Thus no explosives compounds were further evaluated in the FS.

6.2.2 Other Analytes

As shown in Table 6-2, several analytes were detected in soil in the Western Boundary study area during the investigation of other operable units. Although this data was included in the risk screening process, a complete discussion and analysis of soil analytical results and the possible need for remedial actions at any of these operable units, will be evaluated as part of the operable unit under which the samples were collected; including the Gun and Mortar Positions, Small Arms Ranges, and the Central Impact Area.

6.3 Conclusions

A small perchlorate plume above the MMCL of 2 µg/L was identified based upon detections of perchlorate in monitoring wells MW-233M3 and MW-267M1. Maximum observed perchlorate concentrations in these wells were ~3 µg/L (2006). This perchlorate plume will be further evaluated in the Feasibility Study. Perchlorate in groundwater is the only contaminant of concern (COC) identified in the Western Boundary study area. No other soil or groundwater detections in the Western Boundary dataset warrant further evaluation.

7.0 INVESTIGATION FINDINGS

The IAGWSP has been monitoring groundwater in the Western Boundary since 1999. The investigation originally consisted of sampling for a wide range of compounds. By 2002 investigations were focused on perchlorate, and this compound was detected in approximately 15% of the groundwater samples collected and analyzed for this parameter. Several other munitions-related compounds were detected in groundwater, though none at a concentration or frequency that was determined to warrant investigations beyond the delineation of perchlorate. Currently there are three areas of perchlorate detections plumes identified in the Western Boundary: the southern area, the northeastern area, and the northwestern area.

The southern area of perchlorate detections consists of concentrations <2 µg/L extending from within MMR slightly east of GP-2 westward into the Monument Beach Well Field between supply wells #1 and #6. Generally the perchlorate is in the upper third of the aquifer in the east, and in the middle or lower third of the aquifer in the west. It is unlikely that the perchlorate is continuous or that all detections are related, and this area should be viewed as multiple overlapping areas. Several possible source areas are inferred based on the soil and groundwater results in the area surrounding GP-2 and MP-4. The sources appear to be recently depleted based on the eastern edge of the plume occurring near the water table, and declining concentrations in this area.

The northwestern area of perchlorate detections is a relatively small area of concentrations <2 µg/L on the north edge of the Monument Beach Well Field. This area was identified based on detections of perchlorate in well 02-04. Potential source areas include GP-2 and the training areas, and the releases likely ended decades ago considering the location of the plume deep in the aquifer several thousand feet west of MMR.

The northeastern area of perchlorate detections consists largely of concentrations <2 µg/L but with sporadic detections of 2-3 µg/L. This area within MMR was identified based on detections at wells MW-233M3 and MW-267M1. Reverse particle tracks terminate in an area a few hundred feet northeast of Range Control. There are no known historic uses or suspected source areas. The sources appear to be recently depleted based on the eastern edge of the plume occurring near the water table, and declining concentrations in this area.

Perchlorate appears to have been released as particulate from many small, widely-distributed perchlorate containing pyrotechnic devices. Particulate perchlorate dissolves rapidly in precipitation, though source areas persist over a period of five or more years due to multiple releases. Dissolved perchlorate migrates through the vadose zone to the water table. Once in groundwater, perchlorate moves through the aquifer at the velocity of groundwater flow, about 1 foot/day in this area of MMR. Groundwater containing perchlorate migrates deeper in the aquifer as it moves downgradient, due to aquifer characteristics and the accretion of infiltrating rainwater. A proposed supply well (WS-4), is located on MMR about 2000 feet northwest of the nearest contaminated well (MW-233M3). In the absence of the proposed pumping at WS-4, the groundwater at MW-233M3 is modeled to pass south of WS-4. The estimated extent of perchlorate downgradient of MW-233M3 is about 800 feet south of WS-4. Contamination in this downgradient area could enter WS-4 if it is pumped at high rates.

A Human Health Risk Screening was prepared for the Western Boundary (see Table 6-1). The objective of the risk screening was to identify any contaminants in groundwater that may require further evaluation in the Feasibility Study. The risk screening also includes an evaluation of the potential for perchlorate detected during the Western Boundary investigation to leach from soil and migrate through the subsurface to groundwater. The focus of this leaching assessment was on data collected solely as part of the Western Boundary Investigation.

The risk screening was performed by comparing the maximum detected concentration of each analyte detected in groundwater against its Federal MCL and Massachusetts MCLs where available. In the absence of state or federal MCLs, the analytes were compared against the Massachusetts Contingency Plan Method 1/GW-1 standards. The results of this screening identified a small perchlorate plume above the MMCL of 2 µg/L based upon repeated detections of perchlorate in monitoring wells MW-233M3 and MW-267M1. Maximum observed perchlorate concentrations in these wells were <3 µg/L. This perchlorate plume will be further evaluated in the Feasibility Study portion of the report. Other perchlorate detections in the Western Boundary dataset were generally below 2 µg/L.

Perchlorate was the only analyte detected in the Western Boundary soil dataset (29 perchlorate samples and 8 explosives samples) which included soil samples collected in areas upgradient of the Monument Beach Well Field, including the area south of Range Control and the southwest Impact Area (geophysical anomaly, 97-5 backtrack, Cleared Area 12, Bunker 3, and Bunker 4). The maximum detected concentration of 5.87 µg/Kg is well below the MCP S1/GW-1 Standard of 100 µg/Kg. Therefore, perchlorate detections in soil were not further evaluated.

8.0 WESTERN BOUNDARY FEASIBILITY STUDY

As discussed in Section 6.0, a small plume of perchlorate was identified in the area of monitoring wells MW-233M3 and MW-267M1 with concentrations slightly above the MMCL of 2 µg/L. MW-267MI was last sampled in November 2006 and perchlorate was not detected. MW-233M3 has been sampled five times since May 2006 and perchlorate concentrations have ranged from 2.1 µg/L (March 2008) to 0.37 µg/L (October 2008). Thus there are no wells in the Western Boundary with perchlorate concentrations above the MMCL of 2 µg/L in the most recent sampling event for any well. While the model predicts that the plume would have attenuated below 2.0 µg/L by now, it is possible that this small plume has moved beyond MW-233M3 but not yet reached the nearest downgradient well MW-268M1. Therefore, potential response actions to address this plume will be evaluated in the following sections

9.0 DEVELOPMENT & SCREENING OF TECHNOLOGIES

This section identifies objectives and response actions that form the basis for the development of a remedy for the Western Boundary.

9.1 Response Action Objectives

Based on preliminary information relating to types of contaminants, environmental media of concern, and potential exposure pathways, response action objectives were developed to aid in the development and screening of alternatives. The response action objectives for the selected response action for Western Boundary are to restore the useable groundwater to its beneficial use wherever practicable, within a timeframe that is reasonable given the particular circumstances of the site; to provide a level of protection in the aquifer that takes into account that the Cape Cod aquifer, including the Sagamore Lens, is a sole source aquifer that is susceptible to contamination; and to prevent ingestion and inhalation of groundwater containing COCs (perchlorate) in excess of federal maximum contaminant levels, Health Advisories, DWELs, applicable State standards or an unacceptable excess lifetime cancer risk or non-cancer Hazard Index.

In accordance with AO3, preliminary remedial goals are based on a preference for cleanup to background levels, or where technically impracticable, to levels based on drinking water standards and other health-based levels, EPA risk assessment data, and site characterization data. Table 9-1 presents risk-based and regulatory concentration goals and background concentrations for perchlorate and RDX. For the purposes of this Feasibility Study the background concentration for perchlorate is defined as the detection/reporting limit (0.35 µg/L) for most groundwater samples. The MMCL is 2 µg/L, and the EPA HA is 15 µg/L. The background concentration value for RDX is equal to the analytical reporting limit of 0.25 µg/L. The 10^{-6} risk-based concentration resulting in an excess lifetime cancer risk of one in a million, is currently 0.6 µg/L for RDX, the EPA HA is 2 µg/L, and the MCP GW-1 Standard is 1 µg/L.

9.2 General Response Actions

General response actions are remedial techniques that may be employed to accomplish response action objectives. General response actions may include no action, source removal, monitoring, natural attenuation, treatment, containment, land-use controls, or a combination of these actions. Like response action objectives, general response actions are medium specific. Because of the simplicity of the Western Boundary plume, the apparent absence of a continuing source, maximum concentrations slightly above the MMCL (in March 2008), and the limited range of available technologies, the range of scenarios was limited. The alternatives evaluated included no action and Monitored Natural Attenuation (MNA) and Land Use Controls (LUCs).

10.0 DEVELOPMENT OF ALTERNATIVES

In this section, remedial alternatives that are potentially appropriate for the Western Boundary are identified and developed based upon an assessment of the groundwater modeling results. These alternatives have been developed in consideration of the response action objectives identified in Section 9.0 and to provide a range of remedial alternatives as set forth in AO3. .

10.1 Range of Alternatives

Pursuant to the AO3 SOW, the following range of remedial alternatives was developed that consider the following objectives: provide an appropriate level of protection to the aquifer underlying the training ranges and impact area; evaluate and address the short-term and long-term potential for human exposure; and consider the potential threat to human health if the remedial alternative proposed were to fail:

- A no-action alternative to serve as a baseline for alternative comparisons.
- An alternative that, throughout the entire groundwater plume, reduces the contaminant concentrations to background conditions;
- An alternative that, throughout the entire groundwater plume, reduces the contaminant concentrations to levels that meet or exceed all MCLs, Health Advisories, DWELS, other relevant standards, and a cumulative 10^{-6} excess cancer risk. It shall achieve this objective as rapidly as possible and must be completed in less than ten (10) years and shall require no long-term maintenance.
- A limited number of remedial alternatives that attain site-specific remediation levels within different restoration time periods utilizing one or more different technologies if they offer the potential for comparable or superior performance or implementability; fewer or lesser adverse impacts than others available approaches; or lower costs for similar levels of performance than demonstrated treatment technologies.

10.2 Development of Remedial Alternatives

Two alternatives have been developed to address the remedial response action objectives for the Western Boundary previously identified in Section 9.1. Each of the alternatives reduces the contaminant concentration to background conditions. In addition, each alternative reduces the contaminant concentration to levels that meet or exceed regulatory and risk-based standards in less than 10 years. No source control is necessary since the data indicate there is no significant continuing source of perchlorate contamination. Other alternatives utilizing one or more different technologies were not included because, for the circumstances of this operable unit, they would not provide superior performance or implementability, fewer or less adverse impacts, or lower costs for similar levels of performance, than the two alternatives evaluated.

10.3 Alternative 1 – No Action

Under this alternative, no further action would be taken to remediate groundwater at the Western Boundary. Under this alternative, no active treatment would be conducted. In addition,

long-term monitoring would not be continued and institutional controls would not be implemented.

It is assumed that some level of documentation would be necessary to close out the site. This would include reporting of the last groundwater monitoring results and plume status. Then, the site would be closed out. It is assumed that the level of effort for preparing this documentation would be similar to an annual monitoring report.

All monitoring wells would be abandoned as per industry standard operating procedures. The scope and cost of well abandonment is expected to be similar to well abandonment completed at other sites at MMR. Approximately 86 well settings would be abandoned.

10.4 Alternative 2 – Monitored Natural Attenuation and Land Use Controls

This alternative would rely upon natural attenuation processes to reduce groundwater perchlorate and RDX concentrations below cleanup levels. Under this remedial alternative, long-term groundwater monitoring would be implemented at the Northwest Corner to monitor changes in the groundwater plumes.

Land-use controls, to restrict exposure to groundwater, would be implemented as appropriate to minimize risk of potential of exposure to contaminated groundwater.

Prior to termination of the proposed activities, a residual risk assessment shall be conducted, pursuant to a work plan approved by EPA, in consultation with MADEP, to determine if perchlorate concentrations remaining in the aquifer pose unacceptable human health risks. When it is determined that acceptable risks have been achieved, all monitoring wells would be properly abandoned and closeout documentation would be prepared.

11.0 DETAILED EVALUATION OF ALTERNATIVES

11.1 Introduction

The following subsections describe the conceptual design and the criteria for the detailed analysis of each alternative.

11.1.1 Conceptual Design

A conceptual design has been developed for each alternative. Each conceptual design includes the following components as applicable:

- Number, location, and sampling frequency of existing locations needed to monitor the plume;
- Number and location of any new monitoring wells needed;
- Number and locations of extraction wells and estimated groundwater extraction flow rates;
- Type, size, and location of treatment facilities;
- Location of injection wells;
- Preliminary schedule for construction and operation; and
- Preliminary cost estimate.

The conceptual designs for the two alternatives are based on the following information:

- The plume extent and concentration (Figure 4-2) as delineated based on the groundwater analytical data available as of May 2006.
- Aquifer characteristics as documented in the investigation section of this report;
- Predictions of groundwater flow and contaminant fate and transport as estimated by groundwater modeling;
- The success of the existing groundwater monitoring plan;
- Groundwater monitoring (where applicable) would continue for approximately three years after response action objectives have been achieved.

Preliminary cost estimates were prepared for each alternative. Each estimate includes the following components:

- Capital costs which are expenditures required to initiate and install a response action;
- Operation and Maintenance (O&M) costs which are post-implementation costs necessary to ensure the continued effectiveness of the response action. O&M costs may include monitoring, labor, reporting; electricity costs, equipment replacement, and disposal of treatment residuals; and
- Indirect costs, including contingencies and engineering services.

11.1.2 Criteria for Detailed Evaluation

The relative performance of each alternative is evaluated using the following nine criteria:

1. Overall Protection of human health and the environment: this shall include prevention of movement of contaminants into the aquifer and its preservation as a public drinking water supply.
2. Compliance with regulations including:
    - Federal regulations; and
    - State regulations.
3. Long-term effectiveness and permanence considering:
    - The risks remaining after completion of the remedial action; and
    - The adequacy and suitability of controls, if any, that are used to manage untreated contaminants remaining at the site.
4. Reduction of toxicity, mobility, and volume through treatment including:
    - The expected reduction in toxicity, mobility or volume measured as a percentage or order of magnitude; and
    - The type and quantity of treatment residuals that will remain following treatment.
5. Short-term effectiveness, including:
    - Protection of the community during the remedial action;
    - Protection of workers during remedial action;
    - Environmental impacts to natural resources; and
    - Time until remedial response objectives are achieved.
6. Implementability, considering:
    - Technical feasibility, including:
        - Construction and operation;
        - Reliability of technology;
        - Ease of undertaking additional remediation, if necessary;
        - Monitoring considerations, addressing the ability to adequately monitorthe effectiveness of the remedy and the risks should monitoring be insufficient to detect a system failure.
    - Administrative feasibility;
    - Availability of services and materials, including:
        - Availability of adequate offsite treatment, storage capacity, and disposal services;

- Availability of necessary equipment and specialists, and any other necessary resources;
- The potential for obtaining competitive bids (especially for innovative technologies); and
- Availability of prospective technologies.

7. Cost, considering:
   - Capital costs, both direct and indirect;
   - Annual O&M costs; and
   - Present worth analysis (or net present value) of costs.
8. State Acceptance, considering:
   - Issues and concerns that the State may have regarding each alternative. This criterion will be evaluated throughout the development, screening and evaluation of alternatives based on comments and input received from MassDEP.
9. Community Acceptance which entails:
   - An evaluation of issues and concerns the public may have regarding each alternative. This criterion will be evaluated throughout the development, screening and evaluation of alternatives.

11.2 Alternative 1 – No Action

11.2.1 Description

Alternative 1, the No Action Alternative, includes no further action being taken to remediate or prevent the continued migration of perchlorate plume. This includes, but is not limited to, continued groundwater monitoring, restricting exposure to contaminated groundwater (through land-use controls) or active groundwater restoration. This alternative would include only site close-out documentation and monitoring well abandonment.

11.2.1.1 Assumptions

It is assumed that some level of documentation would be necessary to close out the site. This would include reporting of the last groundwater monitoring results and plume status. Then, the site would be closed out. It is assumed that the level of effort for preparing this documentation would be similar to an annual monitoring report.

The scope and cost of well abandonment is expected to be similar to well abandonment completed at other sites at MMR. Approximately 86 well settings would be abandoned.

11.2.2 Conceptual Design

Site closeout for this alternative would include the following actions:

- All monitoring wells would be properly abandoned at the site, and
- Site closeout documentation would be prepared.

This alternative would be implemented after completion of the Decision Document. It would take less than six months from that time to complete the abandonment of the monitoring wells. Site close-out documentation could be completed within the same six-month period.

11.2.3 Detailed Evaluation

11.2.3.1 Overall Protection of Human Health and the Environment

This alternative would be protective of human health as there are currently no monitoring wells with detections above the 2 µg/L MMCL for perchlorate. Furthermore, the groundwater fate and transport model predicts that the plume would have attenuated below 2.0 µg/L by 2008 (See Figure 11-1 and Appendix G). However, without groundwater monitoring, verification of the model prediction cannot be conducted. Alternative 1 offers no groundwater monitoring (to monitor future changes in contaminant concentrations or plume configuration) or monitoring/confirmation of existing land-use controls (to ensure that future exposures do not occur).

11.2.3.2 Compliance with Regulations

Alternative 1 allows for continued migration of the plume. Because no action is taken, chemical-specific regulations would be met only if and when contaminant concentrations achieve applicable cleanup standards by natural attenuation. Based on model predictions, the plume was to have achieved the chemical-specific regulation by approximately 2008. Alternative 1 does not provide monitoring to confirm that such compliance has occurred. Because this alternative takes no action, there are no location-specific or action-specific regulations to be met.

11.2.3.3 Long-Term Effectiveness and Permanence

This Alternative would permanently reduce perchlorate to below 2 µg/L through natural attenuation. Because no further contribution from the source area is likely, this Alternative is expected to be permanent.

11.2.3.4 Reduction of Toxicity, Mobility, or Volume through Treatment

No treatment would occur, therefore, no reduction in toxicity, mobility, or volume would occur through treatment. However, the toxicity and volume of the contaminated groundwater would be reduced through natural processes of attenuation.

11.2.3.5 Short-Term Effectiveness

This alternative is believed to have already achieved the response objectives (See Figure 11-1 and Appendix G). However, it is possible that a small area of perchlorate remains in between monitoring wells.

There would be little to no effect on the community, workers or natural resources from implementing Alternative 1 because no construction work would be involved other than well abandonment. A site-specific health and safety plan (HASP) would be followed during well abandonment.

11.2.3.6 Implementability

Alternative 1 would require no technical implementation other than well abandonment which has been done successfully many times at MMR. Administratively, this alternative is feasible.

11.2.3.7 Cost

The costs are estimated for Alternative 1 as follows:

• Capital cost:	$178,000
• Present worth of O&M:	$ 0
• Site closeout documentation:	$100,000
• Total present worth:	$278,000

Appendix F provides detailed calculations of the cost of Alternative 1.

11.2.3.8 State Acceptance

This criterion will be evaluated throughout the development, screening, and analysis of alternatives based on comments and input received from MassDEP.

11.2.3.9 Community Acceptance

This criterion will be evaluated throughout the development, screening, and analysis of alternatives.

11.3 Alternative 2 – Monitored Natural Attenuation and Land Use Controls

The major components of this alternative include:

- Groundwater monitoring;
- Institutional controls;
- Well abandonment when monitoring is complete; and
- Site close-out documentation.

11.3.1 Description

Under this alternative, long-term groundwater monitoring would be implemented to monitor and confirm the expected natural attenuation of the groundwater plume, land-use controls would be implemented to prevent access to the contaminated portions of the aquifer for drinking water, and monitoring wells would be abandoned in the future when the monitoring program is complete. Prior to this step, a residual risk assessment would be performed to evaluate potential risks, if any, posed by residual levels of contaminants remaining in groundwater. Upon approval of this document, site close-out documentation would be prepared and submitted to the regulators for concurrence.

11.3.1.1 Assumptions

This alternative is based on the following assumptions:

- The monitoring program would be optimized yearly as the plume attenuates; and

- Costs are estimated for a thee-year time period assuming the perchlorate plume has already dropped to below 2 µg/L.

11.3.2 Conceptual Design

11.3.2.1 Long-term Monitoring

Groundwater monitoring would continue using the same sampling and analytical protocols currently in use according to the existing monitoring program as updated by any future monitoring plans developed by the Army, EPA and MassDEP.

11.3.2.2 Institutional Controls

Under this alternative, land-use controls would be implemented to minimize potential risk of exposure to contaminated groundwater. These land use controls can be considered in three categories: (i) those that relate to property that is under the control of the Army through the existing lease between the Commonwealth of Massachusetts and the US Army (i.e. on-post administrative controls), (ii) those that relate to property that is not under the control of the Army (i.e. off-post institutional controls), and (iii) those that relate to the Post after the lease with the Army has expired (i.e. post-lease institutional controls).

On-post land-use controls would be established by the Army, Massachusetts National Guard, and any other entity in control of the on-post areas. The program would include monitoring the effectiveness of the institutional controls.

No off-post land-use controls would be required because no contamination above risk-based levels migrates off post. No post-lease land-use controls are anticipated since the plume attenuates well before the end of the lease (2051).

11.3.2.3 Site Closeout

Following completion of the proposed activities, as documented in the Residual Risk Assessment, all monitoring wells would be properly abandoned and closeout documentation would be prepared.

11.3.2.4 Schedule

The groundwater monitoring portion of this alternative is already in place, but will be updated by monitoring plans to be developed by the Army, EPA, and MassDEP. Land-use controls would be implemented in 2009 as appropriate.

11.3.3 Detailed Evaluation

11.3.3.1 Overall Protection of Human Health and the Environment

This alternative would be protective of human health as there are currently no monitoring wells with detections above the 2 µg/L MMCL for perchlorate. Furthermore, the groundwater fate and transport model predicts that the plume would have attenuated below 2.0 µg/L by 2008 (See Figure 11-1 and Appendix G). Groundwater monitoring would continue for three years to ensure the accuracy of the model simulation.

11.3.3.2 Compliance with Regulations

Alternative 2 allows for continued migration of the plume. Chemical-specific regulations would be met only if and when contaminant concentrations decreased below the cleanup standards by natural attenuation. Based on model predictions, Alternative 2 was to have been compliant with chemical-specific regulations across the entire plume by approximately 2008. Alternative 2 includes monitoring requirements to ensure that such compliance has occurred. Alternative 2 would comply with all other applicable location-specific or action-specific regulations.

11.3.3.3 Long-Term Effectiveness and Permanence

Alternative 2 is believed to have already reduced perchlorate concentrations to below 2 μg/L. Because no further contribution from the source area is likely, this alternative is expected to be permanent. Monitoring of the plume would continue for three years to ensure that all areas remain below remedial goals. In the meantime, the land-use controls would ensure that no use of the contaminated water occurs.

11.3.3.4 Reduction of Toxicity, Mobility, or Volume through Treatment

No treatment would occur, therefore, no reduction in toxicity, mobility, or volume would occur through treatment. However, the toxicity and volume of the contaminated groundwater would be reduced through natural processes of attenuation.

11.3.3.5 Short-Term Effectiveness

This alternative likely has already achieved the response objectives. Groundwater monitoring would be performed for three years to confirm that the plume has attenuated to below 2 μg/L.

There would be little effect on the community or workers from implementing Alternative 2 because no major construction work would be involved. A site-specific health and safety plan (HASP) would be followed during long-term groundwater monitoring and well abandonment.

11.3.3.6 Implementability

Alternative 2 requires technical implementation of groundwater sampling and well abandonment. Both of these tasks have been done previously at MMR. Groundwater monitoring associated with the Western Boundary plume would continue using the same sampling and analytical protocols currently in use. Wells to be sampled and sampling frequencies will be established during the development of the Long-Term Monitoring Plan.

Land use controls restricting the development of drinking water supplies in the area could be implemented similar to those currently in use at Demolition Area 1.

11.3.3.7 Cost

The costs were estimated for Alternative 2 as follows:

- Capital cost: $ 178,000
- Present worth of O & M: $ 65,000
- Site Closure Report: $ 100,000
- Total present worth: $ 343,000

Appendix F provides detailed calculations of the costs of Alternative 2.

11.3.3.8 State Acceptance

This criterion will be evaluated throughout the development, screening and analysis of alternatives based on comments and input received from MassDEP.

11.3.3.9 Community Acceptance

This criterion will be evaluated throughout the development, screening and analysis of alternatives.

12.0 COMPARATIVE ANALYSIS OF ALTERNATIVES

A comparative analysis was conducted to evaluate the relative performance of each alternative in relation to each criterion. The presentation of the comparative analysis refers to each alternative by its number.

- Alternative 1 – No Action. Monitoring wells would be abandoned and site close-out documentation would be completed. The response action would be complete when the existing groundwater-monitoring-well network is abandoned.
- Alternative 2 – Long-term Management. Alternative 2 includes groundwater monitoring for three years to validate model predictions and confirm current data that indicate that the plume has dropped below the 2 µg/L MMCL for perchlorate. Institutional controls would be implemented as appropriate to minimize potential risk of exposure to perchlorate contaminated groundwater. Monitoring wells would be abandoned and site close-out documentation would be completed at the end of the groundwater monitoring program. The response action would be complete when the existing groundwater-monitoring-well network is abandoned.

12.1 Overall Protection of Human Health and the Environment

Both alternatives are protective of human health as the perchlorate plume has dropped below the MMCL for perchlorate. However, Alternative 2 contains a provision for groundwater monitoring as a precaution to ensure that the plume behaves as the fate and transport model has predicted.

12.2 Compliance with Regulations

All actions required pursuant to the Safe Drinking Water Act Administrative Orders in this matter shall be undertaken in accordance with the requirements of all applicable local, state, and federal laws and regulations, including but not limited to, the laws relating to occupational health and safety and worker's compensation. See AO1 ¶82, AO3 ¶111. Following selection of the appropriate remedial action by EPA, the Army shall design, construct, operate, monitor, and maintain the remedial action in compliance with all applicable statutes and regulations. See AO3, Appendix B (Scope of Work), Section 5, at 24. Table 11-1 lists regulations that EPA will either consider or require, as appropriate, in selecting and defining the remedial action as specified in the final decision document.

Both alternatives are expected to eventually result in compliance with applicable regulations. Both alternatives 1 and 2 allow for continued migration of the plume. Because these alternatives involve no active remediation, chemical-specific regulations would be met only when contaminant concentrations decrease below the cleanup standards by natural attenuation. Alternative 2 includes monitoring to confirm that this occurs; Alternative 1 does not. Alternative 2 would comply with location- and action- specific regulations. Alternative 1 involves no action and, therefore, no location- or action- specific requirements

Both alternatives would comply with the applicable regulations. See Table 11-1 for a description of regulatory considerations.

12.3 Long-Term Effectiveness and Permanence

Both alternatives have already reduced perchlorate concentrations to below 2 μg/L. Because no further contribution from the source area is likely, both alternatives are expected to be permanent.

12.4 Reduction of Toxicity, Mobility, or Volume through Treatment

No treatment would occur, therefore, no reduction in toxicity, mobility, or volume would occur through treatment. However, the toxicity and volume of the contaminated groundwater would be reduced through natural processes of attenuation for both alternatives.

12.5 Short-Term Effectiveness

Both alternatives are believed to have already achieved the response objectives. There would be little effect on the community or workers from implementing either alternative.

12.6 Implementability

Both alternatives are easily implemented.

12.7 Cost

Alternative 1 is the least expensive alternative with a total estimated cost of $278,000. Alternative 2 has a total estimated cost of $343,000.

12.8 State Acceptance

This criterion will be addressed in detail following comments on the Remedy Selection Plan.

12.9 Community Acceptance

This criterion will be addressed in detail following comments on the Remedy Selection Plan.

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Table 3-1
Initial Well Installation Rationale
Western Boundary

Location	Rationale for Well Location	Well ID	Screen Depth Rationale
02-01	Inside ZOC for Supply Well 40360000-03 (Requested by BWD)	02-01M2	VOC detections in profile samples
		02-01M1	same screen depth as Supply Well 40360000-03
02-02	Inside ZOC for Supply Well 40360000-03 (Requested by BWD)	02-02S	top of perchlorate detections in profile samples
		02-02M2	same screen depth as Supply Well 40360000-03
		02-02M1	explosive detection in profile sample
02-03	Inside ZOC for Supply Well 40360000-04 (Requested by BWD)	02-03M3	perchlorate detection in profile samples
		02-03M2	same screen depth as Supply Well 40360000-04
		02-03M1	explosive detection in profile sample wit PDA “no”
02-04	Inside ZOC for Supply Well 40360000-04 (Requested by BWD)	02-04M3	RDX detection in profile samples and perchlorate in well 02-03
		02-04M2	same screen depth as Supply Well 40360000-04
		02-04M1	RDX and highest TCE detection in profile samples
02-05	Inside ZOC for Supply Well 40360000-06 (Requested by BWD)	02-05M3	monitor the top of perchlorate detections in profile samples
		02-05M2	same screen depth as Supply Well 40360000-06
		02-05M1	monitor the bottom of perchlorate detections in profile samples
02-07	Supplement existing monitoring well network (Requested by BWD)	02-07M3	perchlorate detection in profile samples
		02-07M2	explosive detections in profile samples with PDA “yes” and “no”
		02-07M1	perchlorate detection in profile samples
02-08	Supplement existing monitoring well network (Requested by BWD)	02-08M3	perchlorate detection in profile samples
		02-08M2	midpoint between perchlorate profile detections
		02-08M1	perchlorate detection in profile samples
02-09	Supplement existing monitoring well network (Requested by BWD)	02-09S	top of perchlorate detection in profile samples
		02-09M2	bottom perchlorate detection in profile samples
		02-09M1	MTBE detection in profile sample

Table 3-1
Initial Well Installation Rationale
Western Boundary

Well	Rationale for Well Location	Well ID	Screen Depth Rationale
02-10	Supplement existing monitoring well network (Requested by BWD)	02-10M3	perchlorate detection in profile samples
		02-10M2	midpoint between the other two selected screens
		02-10M1	perchlorate detection in profile samples
02-12	Inside ZOC for Supply Well 40360000-01 (Requested by BWD)	02-12M3	to cover the full range of screens at supply well 40360000-01
		02-12M2	to cover the full range of screens at supply well 40360000-01
		02-12M1	to cover the full range of screens at supply well 40360000-01
02-13	Inside ZOC for Supply Well 40360000-01 (Requested by BWD)	02-13M3	to cover the full range of screens at supply well 40360000-01
		02-13M2	to cover the full range of screens at supply well 40360000-01
		02-13M1	to cover the full range of screens at supply well 40360000-01
02-15	Assess vertical profile of perchlorate detected in well M-6 (Requested by BWD)	02-15M3	same depth as perchlorate detections in well 02-09
		02-15M2	same depth as perchlorate detections in well 02-09
		02-15M1	same depth as screen at 97-5
MW-213	Assess lateral extent of contamination at MW-80	MW-213M3	highest perchlorate detection
		MW-213M2	perchlorate detection and no screen at similar depth at MW-80
		MW-213M1	highest perchlorate detection in wells from MW-80
MW-216	Initially a well for RRA soil washing pad investigation Used to supplement Western Boundary investigation	MW-216S	RDX profile detection and RRA soil washing pad investigation
		MW-216M2	toluene detection in profile samples
		MW-216M1	particle backtracks from 97-2 and 97-1
MW-219	Assess groundwater upgradient of WS-4 (inside ZOC)	MW-219M4	downgradient of Range Control
		MW-219M3	VOC detections in profile samples
		MW-219M2	centered on depth of Supply Well WS-4 screen
		MW-219M1	below the depth of Supply Well WS-4 screen

Table 3-1
Initial Well Installation Rationale
Western Boundary

Well	Rationale for Well Location	Well ID	Screen Depth Rationale
MW-226	Assess perchlorate upgradient of MW-80	MW-226M3	shallowest perchlorate detection in profile samples
		MW-226M2	midpoint of perchlorate detections in profile samples
		MW-226M1	deepest and highest concentration of perchlorate in profile samples
MW-233	Assess groundwater upgradient of WS-4 (inside ZOC)	MW-233M3	perchlorate detections in profile samples
		MW-233M2	particle backtrack from WS-4 using 1' per 70' calculation
		MW-233M1	particle backtrack from WS-4 using model under pumping conditions

ZOC = zone of contribution
VOC = volatile organic compounds
RDX = hexahydro-1,3,5-trinitro-1,3,5-triazine
PDA = photodiode array
MTBE = methyl tert butyl ether
TCE = trichloroethylene
HMX = octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine
TNT = trinitrotoluene
MP-4 = Mortar Position 4

Table 3-2
Response Plan Well Installation Rationale
Western Boundary RI Report

Location	Rationale for Well Location	Well ID	Screen Depth Rationale
MW-257	In WS-4 ZOC and downgradient of MW-233	MW-257M2	particle backtrack from MW-233M3
		MW-257M1	particle backtrack from midpoint of WS-4 screen
MW-267	Assess perchlorate upgradient of MW-233	MW-267M1	highest perchlorate detection in profile samples
MW-268	Assess perchlorate downgradient of MW-233	MW-268M1	particle backtrack from MW-233M3
MW-269	Assess perchlorate upgradient of MW-213	MW-269M2	particle backtrack from MW-21 3M3
		MW-269M1	particle backtrack from MW-213M2 and HMX detection
MW-276	Assess perchlorate upgradient of MW-226	MW-276M3	perchlorate detection in profile samples
		MW-276M2	particle backtracks from MW-80M1 and MW-226M2
		MW-276M1	monitor deep aquifer and TNT profile detection
MW-280	Assess groundwater midway between MW-233 and MW-257	MW-280M3	perchlorate detection in profile samples
		MW-280M2	WS-4 particle backtrack under pumping conditions
		MW-280M1	forward particle track from MW-233M3
MW-282	Assess lateral extent of perchlorate at MW-267	MW-282M2	perchlorate detected in MW-267
		MW-282M1	HMX detections in profile sample
MW-285	Assess perchlorate upgradient of MW-267	MW-285M1	particle backtracks from MW-233M3 and MW-267M1
MW-308	Assess lateral extend of perchlorate at MW-276	MW-308M2	perchlorate detection in profile sample
		MW-308M1	perchlorate detection in profile sample
MW-316	Assess perchlorate upgradient of MW-216	MW-316S	backtrack from MW-216S
MW-31 7	Assess perchlorate upgradient of MW-276	MW-31 7S	backtrack from MW-226M2
		MW-31 7M1	reverse track from MW-80M1 and forward track from MP-4

ZOC = zone of contribution
VOC = volatile organic compounds
RDX = hexahydro-1 ,3,5-trinitro-1 ,3,5-triazine
PDA = photodiode array
MTBE = methyl tert butyl ether
TCE = trichloroethylene
HMX = octahydro-1 ,3,5,7-tetranitro-1 ,3,5,7-tetrazocine
TNT = trinitrotoluene
MP-4 = Mortar Position 4

Table 3-3
USGS Tritium/Helium Age Comparison with Regional Model MMR-10
Western Boundary RI Report

Well ID	Screen Elevation	Northing27	Easting2	Isotope Age (yrs)	Modeled Age (yrs)	Difference (yrs	Sample Date
MW-47M3	36.0	255137.1	856582.2	3.0	5.1	2.1	06/04/2002
MW-80M1	-40.6	258070.6	850468.9	25.5	22.8	-2.7	06/03/2002
MW-80M2	-10.5	258067.3	850464.8	11.1	12.8	1.7	06/03/2002
MW-80M3	19.5	258067.3	850464.8	2.5	5.1	2.6	06/03/2002
MW-81M3	22.9	259693.6	850679.3	13.3	4.3	-9.0	05/06/2002

Table 3-4
Groundwater Sampling Frequency
Western Boundary RI Report

Well	# of screens sample or depths	October 2001	April 2002	February 2003	April 2004	April 2005
Water Supply Wells						
4036000-01G	1	4/year	weekly	weekly	weekly	4/year
4036000-03G	1	4/year	weekly	bi-weekly	4/year	4/year
4036000-04G	1	4/year	weekly	bi-weekly	weekly	4/year
4036000-06G	1	4/year	weekly	weekly	weekly	4/year
Sentinel Wells						
1-88b	1	no sampling	monthly	monthly	bi-monthly	3/year
02-12	3	no sampling	monthly	bi-weekly	monthly	4/year
02-13	3	no sampling	monthly	weekly	bi-weekly	4/year
97-2C	1	no sampling	bi-weekly	monthly	monthly	no sampling
97-2D	1	no sampling	monthly	monthly	monthly	no sampling
97-2F	1	no sampling	monthly	monthly	monthly	no sampling
02-05	3	no sampling	monthly	monthly	monthly	4/year
Monitoring Wells						
97-1	1	3/year	bi-weekly	monthly	3/year	4/year
97-2	1	3/year	bi-weekly	monthly	3/year	4/year
97-3	1	3/year	bi-weekly	monthly	3/year	4/year
97-5	1	3/year	bi-weekly	monthly	3/year	4/year
MW-80	5	1/year	monthly	monthly	3/year	3/year
MW-81	5	1/year	monthly	monthly	3/year	3/year
MW-82	5	1/year	monthly	monthly	3/year	3/year
00-1D-2in	1	no sampling	monthly	3/year	3/year	1/year
00-4	1	no sampling	monthly	3/year	3/year	3/year
00-4D- A	2	no sampling	monthly	no sampling	no sampling	no sampling
WS-4	1	no sampling	monthly	no sampling	3/year	no sampling
WS-4A	1	no sampling	3/year	no sampling	no sampling	no sampling
WS-4D	1	no sampling	monthly	no sampling	no sampling	no sampling
WS-4E	1	no sampling	no sampling	no sampling	no sampling	no sampling
00-5	1	no sampling	monthly	monthly	no sampling	no sampling
00-6	1	no sampling	monthly	3/year	3/year	3/year
00-7	1	no sampling	monthly	3/year	3/year	3/year
Spring	1	no sampling	monthly	3/year	3/year	1/year
1-88a	1	no sampling	monthly	monthly	3/year	4/year
01-1A	1	no sampling	monthly	monthly	bi-monthly	no sampling
01-2A	1	no sampling	monthly	3/year	3/year	3/year
97-2B	1	no sampling	bi-weekly	3/year	3/year	3/year
97-2E	1	no sampling	monthly	3/year	3/year	3/year
97-2G	1	no sampling	monthly	3/year	3/year	3/year
M-1	3	no sampling	monthly	monthly	no sampling	no sampling
M-2	3	no sampling	monthly	monthly	no sampling	no sampling
M-3	3	no sampling	monthly	monthly	3/year	1/year
M-4	3	no sampling	monthly	monthly	no sampling	no sampling
M-5	3	no sampling	monthly	monthly	no sampling	no sampling
M-6	3	no sampling	monthly	monthly	3/year	1/year
M-7	3	no sampling	monthly	monthly	no sampling	no sampling
BWH221	1	no sampling	no sampling	no sampling	no sampling	no sampling
BWH222	1	no sampling	1 round	no sampling	no sampling	no sampling
BWH223	1	no sampling	1 round	no sampling	no sampling	no sampling
BWH224	1	no sampling	1 round	no sampling	no sampling	no sampling
00-1	1	no sampling	no sampling	monthly	3/year	3/year
00-2D	1	no sampling	no sampling	monthly	no sampling	1/year

Table 3-4
Groundwater Sampling Frequency
Western Boundary RI Report

Well	# of screens sample or depths	October 2001	April 2002	February 2003	April 2004	April 2005
00-2S	1	no sampling	no sampling	monthly	no sampling	no sampling
02-01	2	no sampling	monthly	monthly	3/year	3/year
02-02	3	no sampling	monthly	monthly	3/year	3/year
02-03	3	no sampling	monthly	monthly	monthly	4/year
02-04	3	no sampling	monthly	monthly	monthly	3/year
02-07	3	no sampling	no sampling	monthly	3/year	3/year
02-08	3	no sampling	no sampling	monthly	3/year	3/year
02-09	3	no sampling	monthly	monthly	3/year	3/year
02-10	3	no sampling	no sampling	monthly	3/year	3/year
02-15	3	no sampling	no sampling	monthly	monthly	3/year
MW-21	5	no sampling	3 rounds from 2002 to 2004			no sampling
MW-46	5	1/year	1/year	1/year	1/year	1/year
MW-47	5	1/year	1/year	1/year	1/year	1/year
MW-69	3	3 rounds from 2001 to 2005				
MW-70	2	0-3/year	0-3/year	0-3/year	0-3/year	0-3/year
MW-71	2	1-3/year	1-3/year	1-3/year	1-3/year	1-3/year
MW-83	5	1-3/year	1-3/year	1-3/year	1-3/year	1-3/year
MW-84	5	1-3/year	1-3/year	1-3/year	1-3/year	1-3/year
MW-213	3	no sampling	no sampling	monthly	3/year	3/year
MW-216M1, M2	2	no sampling	no sampling	monthly	3/year	3/year
MW-216S	1	no sampling	no sampling	monthly	3/year	3/year
MW-219	4	no sampling	no sampling	monthly	3/year	4/year
MW-226	3	no sampling	no sampling	monthly	3/year	3/year
MW-233	1	no sampling	no sampling	monthly	3/year	3/year
MW-257	2	no sampling	no sampling	monthly	3/year	3/year
MW-267	1	no sampling	no sampling	no sampling	3/year	3/year
MW-268	1	no sampling	no sampling	no sampling	3/year	3/year
MW-269	2	no sampling	no sampling	no sampling	3/year	3/year
MW-276	3	no sampling	no sampling	no sampling	3/year	3/year
MW-280	3	no sampling	no sampling	no sampling	3/year	3/year
MW-282	2	no sampling	no sampling	no sampling	3/year	3/year
MW-285	1	no sampling	no sampling	no sampling	3/year	3/year
MW-308	2	no sampling	no sampling	no sampling	3/year	3/year
MW-316	1	no sampling	no sampling	no sampling	3/year	3/year
MW-317	2	no sampling	no sampling	no sampling	3/year	3/year
ASPWELL	1	3/year	3/year	3/year	3/year	3/year
LRWS2-3	1	no sampling	no sampling	no sampling	no sampling	no sampling
LRWS2-6	1	no sampling	no sampling	no sampling	no sampling	no sampling
RANGECON	1	3/year	3/year	3/year	3/year	3/year

Table 4-1
Soil Data Summary
Western Boundary

Analyte	Number of Samples Collected	Number of Detections	Maximum Detection	Location of Maximum Detection	Units
Explosives					
1,3,5-TRINITROBENZENE	8	0		NA	UG/KG
1,3-DINITROBENZENE	8	0		NA	UG/KG
2,4,6-TRINITROTOLUENE	8	0		NA	UG/KG
2,4-DIAMINO-6-NITROTOLUENE	8	0		NA	UG/KG
2,4-DINITROTOLUENE	8	0		NA	UG/KG
2,6-DIAMINO-4-NITROTOLUENE	8	0		NA	UG/KG
2,6-DINITROTOLUENE	8	0		NA	UG/KG
2-AMINO-4,6-DINITROTOLUENE	8	0		NA	UG/KG
2-NITROTOLUENE	8	0		NA	UG/KG
3-NITROTOLUENE	8	0		NA	UG/KG
4-AMINO-2,6-DINITROTOLUENE	8	0		NA	UG/KG
4-NITROTOLUENE	8	0		NA	UG/KG
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	8	0		NA	UG/KG
NITROBENZENE	8	0		NA	UG/KG
NITROGLYCERIN	8	0		NA	UG/KG
OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	8	0		NA	UG/KG
PENTAERYTHRITOL TETRANITRATE	8	0		NA	UG/KG
PICRIC ACID	8	0		NA	UG/KG
TETRYL	8	0		NA	UG/KG
PERCHLORATE	29	2	5.87 J	HC193B1AAA	UG/KG

UG/KG = Micrograms per Kilogram
NA = Not Applicable
J = Compound was detected and the associated numerical value is estimated due to limitations found during the data validation.

Table 4-2
Groundwater Analytical Results
As of May 1, 2006

Analyte	Number of Samples Collected	Number of Detections	Maximum Detection	Q	Units	Location of Maximum Detection
Propellants, Explosives and Pyrotechnics						
1,3,5-TRINITROBENZENE	1703	0			UG/L	
1,3-DINITROBENZENE	1703	0			UG/L	
2,4,6-TRINITROTOLUENE	1704	1	0		UG/L	LRWS2-3
2,4-DIAMINO-6-NITROTOLUENE	1703	0			UG/L	
2,4-DINITROTOLUENE	2160	0			UG/L	
2,6-DIAMINO-4-NITROTOLUENE	1703	0			UG/L	
2,6-DINITROTOLUENE	2160	2	1.9	J	UG/L	W84DDA
2-AMINO-4,6-DINITROTOLUENE	1703	0			UG/L	
2-NITROTOLUENE	1703	0			UG/L	
3-NITROTOLUENE	1703	0			UG/L	
4-AMINO-2,6-DINITROTOLUENE	1703	0			UG/L	
4-NITROTOLUENE	1703	0			UG/L	
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	1703	2	0.3	J	UG/L	W70SSA
HEXAHYDRO-1,3,5-TRINITROSO-1,3,5-TRIAZIN	72	0			UG/L	
HEXAHYDRO-1,3-DINITROSO-5-MONONITRO-1,3,	72	0			UG/L	
HEXAHYDRO-1-MONONITROSO-3,5-DINITRO-1,3,	72	0			UG/L	
NITROBENZENE	2160	0			UG/L	
NITROGLYCERIN	1699	0			UG/L	
OCTAHYDRO-1 ,3,5,7-TETRANITRO-1 ,3,5,7-TET	1703	0			UG/L	
PENTAERYTHRITOL TETRANITRATE	1703	0			UG/L	
PERCHLORATE	4623	693	2.89		UG/L	W267M1A
PICRIC ACID	1703	0			UG/L	
TETRYL	1703	0			UG/L	
Volatile Organic Compounds						
1,1,1,2-TETRACHLOROETHANE	19	0			UG/L	
1,1,1-TRICHLOROETHANE	1362	0			UG/L	
1,1,2,2-TETRACHLOROETHANE	1362	0			UG/L	
1,1,2-TRICHLOROETHANE	1362	0			UG/L	
1,1-DICHLOROETHANE	1362	0			UG/L	
1,1-DICHLOROETHENE	1362	0			UG/L	
1,1-DICHLOROPROPENE	19	0			UG/L	
1,2,3-TRICHLOROPROPANE	19	0			UG/L	
1,2-DIBROMO-3-CHLOROPROPANE	1380	0			UG/L	
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	1615	0			UG/L	
1,2-DICHLOROETHANE	1362	0			UG/L	
1,2-DICHLOROPROPANE	1362	0			UG/L	
1,3-DICHLOROPROPANE	19	0			UG/L	
2,2-DICHLOROPROPANE	19	0			UG/L	
2-CHLOROETHYL VINYL ETHER	1332	0			UG/L	
2-CHLOROTOLUENE	19	0			UG/L	
2-HEXANONE	1343	0			UG/L	
4-CHLOROTOLUENE	19	0			UG/L	
ACETONE	1343	23	16	J	UG/L	TW1-88BA
BENZENE	1362	5	0.3	J	UG/L	W46M3D
BROMOBENZENE	19	0			UG/L	
BROMOCHLOROMETHANE	1362	0			UG/L	
BROMODICHLOROMETHANE	1362	1	0.5		UG/L	ASPWELL-A
BROMOFORM	1362	0			UG/L	
BROMOMETHANE	1362	0			UG/L	
CARBON DISULFIDE	1343	3	0.3	J	UG/L	W81M1A
CARBON TETRACHLORIDE	1362	1	0.2	J	UG/L	W213M2A
CHLOROBENZENE	1362	0			UG/L	
CHLOROETHANE	1362	0			UG/L	
CHLOROFORM	1362	1262	4		UG/L	W80SSA

Table 4-2
Groundwater Analytical Results
As of May 1, 2006

Analyte	Number of Samples Collected	Number of Detections	Maximum Detection	Q	Units	Location of Maximum Detection
CHLOROMETHANE	1362	40	7		UG/L	W80M2A
CIS-1,2-DICHLOROETHYLENE	1362	0			UG/L	
CIS-1,3-DICHLOROPROPENE	1362	1	0.5	J	UG/L	W80M1A
DIBROMOCHLOROMETHANE	1362	0			UG/L	
DIBROMOMETHANE	1351	0			UG/L	
DICHLORODIFLUOROMETHANE	19	0			UG/L	
ETHYLBENZENE	1362	0			UG/L	
ISOPROPYLBENZENE (CUMENE)	19	0			UG/L	
M-XYLENE (1,3-DIMETHYLBENZENE)	17	0			UG/L	
METHYL ETHYL KETONE (2-BUTANONE)	1343	3	2	J	UG/L	TW1-88BD
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTA	1343	0			UG/L	
METHYLENE CHLORIDE	1362	1	0.7	J	UG/L	XXM973-A
N-BUTYLBENZENE	19	0			UG/L	
N-PROPYLBENZENE	19	0			UG/L	
O-XYLENE (1,2-DIMETHYLBENZENE)	17	0			UG/L	
P-CYMENE (P-ISOPROPYLTOLUENE)	19	0			UG/L	
P-XYLENE (1,4-DIMETHYLBENZENE)	17	0			UG/L	
SEC-BUTYLBENZENE	19	0			UG/L	
STYRENE	1362	0			UG/L	
T-BUTYLBENZENE	19	0			UG/L	
TERT-BUTYL METHYL ETHER	441	17	0.8		UG/L	W276M3D
TETRACHLOROETHYLENE(PCE)	1362	0			UG/L	
TOLUENE	1362	52	10		UG/L	W70SSA
TRANS-1 ,2-DICHLOROETHENE	1362	0			UG/L	
TRANS-1,3-DICHLOROPROPENE	1362	0			UG/L	
TRICHLOROETHYLENE (TCE)	1362	26	2		UG/L	TW00-2D-A
TRICHLOROFLUOROMETHANE	19	0			UG/L	
VINYL ACETATE	1332	0			UG/L	
VINYL CHLORIDE	1362	0			UG/L	
XYLENES, TOTAL	1362	3	0.6	J	UG/L	W267M1A
Semivolatile Organic Compounds						
1,2,3-TRICHLOROBENZENE	19	0			UG/L	
1,2,4-TRICHLOROBENZENE	1620	0			UG/L	
1,2,4-TRIMETHYLBENZENE	19	0			UG/L	
1,2-DICHLOROBENZENE	1631	0			UG/L	
1,3,5-TRIMETHYLBENZENE (MESITYLENE)	19	0			UG/L	
1,3-DICHLOROBENZENE	1631	0			UG/L	
1,3-DIETHYL-1,3-DIPHENYL UREA	257	0			UG/L	
1,4-DICHLOROBENZENE	1631	5	0.4	J	UG/L	W02-03M1A
2,2'-OXYBIS(1-CHLORO)PROPANE	439	0			UG/L	
2,4,5-TRICHLOROPHENOL	457	0			UG/L	
2,4,6-TRICHLOROPHENOL	457	0			UG/L	
2,4-DICHLOROPHENOL	457	0			UG/L	
2,4-DIMETHYLPHENOL	457	0			UG/L	
2,4-DINITROPHENOL	457	0			UG/L	
2-CHLOROBENZALDEHYDE	257	0			UG/L	
2-CHLOROBENZOIC ACID	222	0			UG/L	
2-CHLORONAPHTHALENE	457	1	0.26	J	UG/L	W84M1A
2-CHLOROPHENOL	457	0			UG/L	
2-ETHYLHEXYL ADIPATE	18	0			UG/L	
2-METHYL-3-NITROANILINE	257	0			UG/L	
2-METHYL-5-NITROANILINE	257	0			UG/L	
2-METHYLNAPHTHALENE	457	1	0.29	J	UG/L	ASPWELL-A
2-METHYLPHENOL (O-CRESOL)	457	0			UG/L	
2-NITROANILINE	457	0			UG/L	
2-NITRODIPHENYLAMINE	257	0			UG/L	
2-NITROPHENOL	457	0			UG/L	
3,3'-DICHLOROBENZIDINE	457	0			UG/L	
3,5-DINITROANILINE	257	0			UG/L	
3-CHLOROBENZALDEHYDE	257	0			UG/L	

Table 4-2
Groundwater Analytical Results
As of May 1, 2006

Analyte	Number of Samples Collected	Number of Detections	Maximum Detection	Q	Units	Location of Maximum Detection
3-NITROANILINE	457	0			UG/L	
4,6-DINITRO-2-METHYLPHENOL	457	0			UG/L	
4-BROMOPHENYL PHENYL ETHER	457	0			UG/L	
4-CHLORO-3-METHYLPHENOL	457	0			UG/L	
4-CHLOROANILINE	457	0			UG/L	
4-CHLOROBENZALDEHYDE	257	0			UG/L	
4-CHLOROPHENYL PHENYL ETHER	457	0			UG/L	
4-METHYLPHENOL (P-CRESOL)	457	0			UG/L	
4-NITROANILINE	457	0			UG/L	
ACENAPHTHENE	457	0			UG/L	
ACENAPHTHYLENE	457	0			UG/L	
ANILINE	445	0			UG/L	
ANTHRACENE	457	0			UG/L	
BENZO(A)ANTHRACENE	457	0			UG/L	
BENZO(A)PYRENE	475	0			UG/L	
BENZO(B)FLUORANTHENE	457	0			UG/L	
BENZO(G,H,I)PERYLENE	457	0			UG/L	
BENZO(K)FLUORANTHENE	457	0			UG/L	
BENZOIC ACID	445	3	2.4	J	UG/L	W70SSA
BENZYL ALCOHOL	445	0			UG/L	
BENZYL BUTYL PHTHALATE	457	0			UG/L	
BIS(2-CHLOROETHOXY) METHANE	457	0			UG/L	
BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL	457	0			UG/L	
BIS(2-CHLOROISOPROPYL) ETHER	18	0			UG/L	
BIS(2-ETHYLHEXYL) PHTHALATE	475	79	73	J	UG/L	W9703A
CARBAZOLE	457	0			UG/L	
CHRYSENE	457	0			UG/L	
DI-N-BUTYL PHTHALATE	457	1	0.23	J	UG/L	W82SSA
DI-N-OCTYLPHTHALATE	457	0			UG/L	
DI-N-PROPYL ADIPATE	257	0			UG/L	
DIBENZO(A,H)ANTHRACENE	457	0			UG/L	
DIBENZOFURAN	457	0			UG/L	
DIETHYL PHTHALATE	457	5	140		UG/L	W70SSA
DIMETHYL PHTHALATE	457	0			UG/L	
FLUORANTHENE	457	0			UG/L	
FLUORENE	457	0			UG/L	
HEXACHLOROBENZENE	475	0			UG/L	
HEXACHLOROBUTADIENE	476	0			UG/L	
HEXACHLOROCYCLOPENTADIENE	475	0			UG/L	
HEXACHLOROETHANE	457	0			UG/L	
INDENO(1 ,2,3-C,D)PYRENE	457	0			UG/L	
ISOPHORONE	457	0			UG/L	
N-NITROSO-DI-N-PROPYLAMINE	457	0			UG/L	
N-NITROSODIMETHYLAMINE	445	0			UG/L	
N-NITROSODIPHENYLAMINE	457	0			UG/L	
NAPHTHALENE	476	0			UG/L	
PHENANTHRENE	457	0			UG/L	
PHENOL	457	1	2	J	UG/L	W46M1A
PYRENE	457	0			UG/L	

Table 4-2
Groundwater Analytical Results
As of May 1, 2006

Analyte	Number of Samples Collected	Number of Detections	Maximum Detection	Q	Units	Location of Maximum Detection
Pesticides						
ALDRIN	277	0			UG/L	
ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	259	1	0.01	J	UG/L	W81 M1A
ALPHA ENDOSULFAN	259	0			UG/L	
ALPHA-CHLORDANE	259	0			UG/L	
BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	259	1	0.01	J	UG/L	W81 M3A
BETA ENDOSULFAN	259	0			UG/L	
CHLORDANE	19	0			UG/L	
DDD (1,1-BIS(CHLOROPHENYL)-2,2-DICHLOROE	259	0			UG/L	
DDE (1,1-BIS(CHLOROPHENYL)-2,2-DICHLOROE	259	0			UG/L	
DDT (1,1-BIS(CHLOROPHENYL)-2,2,2-TRICHLO	259	0			UG/L	
DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	259	0			UG/L	
DIELDRIN	277	0			UG/L	
ENDOSULFAN SULFATE	259	0			UG/L	
ENDRIN	277	0			UG/L	
ENDRIN ALDEHYDE	259	0			UG/L	
ENDRIN KETONE	259	0			UG/L	
GAMMA BHC (LINDANE)	277	0			UG/L	
GAMMA-CHLORDANE	259	0			UG/L	
HEPTACHLOR	277	0			UG/L	
HEPTACHLOR EPOXIDE	277	0			UG/L	
METHOXYCHLOR	277	0			UG/L	
PROPACHLOR	18	0			UG/L	
TOXAPHENE	278	0			UG/L	
Polychlorinated Biphenyls						
PCB-1016 (AROCHLOR 1016)	278	0			UG/L	
PCB-1221 (AROCHLOR 1221)	278	0			UG/L	
PCB-1232 (AROCHLOR 1232)	278	0			UG/L	
PCB-1242 (AROCHLOR 1242)	278	0			UG/L	
PCB-1248 (AROCHLOR 1248)	278	0			UG/L	
PCB-1254 (AROCHLOR 1254)	278	0			UG/L	
PCB-1260 (AROCHLOR 1260)	278	0			UG/L	
Herbicides						
2,4 DB	390	1	1.1	J	UG/L	W71SSA
2,4,5-T (TRICHLOROPHENOXYACETIC ACID)	390	13	0.22	J	UG/L	W71SSA
2,4-D (DICHLOROPHENOXYACETIC ACID)	408	0			UG/L	
3,5-DICHLOROBENZOIC ACID	390	0			UG/L	
4-NITROPHENOL	836	0			UG/L	
ACIFLUORFEN	390	1	0.15	J	UG/L	97-1
ALACHLOR	18	0			UG/L	
ATRAZINE	18	0			UG/L	
BENTAZON	390	0			UG/L	
BUTACHLOR	18	0			UG/L	
CHLORAMBEN	390	10	0.58	NJ	UG/L	W21M3A
DALAPON	408	0			UG/L	
DCPA (DACTHAL)	379	3	0.18	J	UG/L	W46M1A
DICAMBA	408	0			UG/L	
DICHLOROPROP	390	0			UG/L	
DINOSEB	408	0			UG/L	
MCPA	390	0			UG/L	
MCPP	390	2	140	NJ	UG/L	W81DDA
METOLACHLOR	18	0			UG/L	
METRIBUZIN	18	0			UG/L	
PENTACHLOROPHENOL	865	1	0.18	J	UG/L	W70SSA
PICLORAM	408	0			UG/L	
SILVEX (2,4,5-TP)	408	0			UG/L	
SIMAZINE	18	0			UG/L	

Table 4-2
Groundwater Analytical Results
As of May 1, 2006

Analyte	Number of Samples Collected	Number of Detections	Maximum Detection	Q	Units	Location of Maximum Detection
Metals						
ALUMINUM	456	99	7400		UG/L	W47M3A
ANTIMONY	598	5	5.9	J	UG/L	W46SSA
ARSENIC	474	20	6.4	J	UG/L	W81M2A
BARIUM	474	115	64.8		UG/L	W47M3A
BERYLLIUM	474	15	0.5		UG/L	W46DDA
BORON	434	233	20		UG/L	W46M1A
CADMIUM	474	5	1.6		UG/L	WL26LD
CALCIUM	456	449	10100		UG/L	W46DDA
CHROMIUM, TOTAL	474	61	26		UG/L	W47M3A
COBALT	456	23	5.7		UG/L	W69SSA
COPPER	456	72	632		UG/L	ASPWELL-A
IRON	456	172	7760		UG/L	W47M3A
LEAD	476	35	53		UG/L	ASPWELL
MAGNESIUM	456	444	5560		UG/L	W46SSA
MANGANESE	456	351	676		UG/L	W46M1A
MERCURY	473	17	0.28		UG/L	W83M2A
MERCURY	1	0			MG/L	
MOLYBDENUM	434	69	51		UG/L	W46M2L
NICKEL	474	62	66		UG/L	ASPWELL-A
POTASSIUM	456	364	9960		UG/L	W46M1A
SELENIUM	474	12	5.9	J	UG/L	W69M2D
SILVER	456	7	3.2	J	UG/L	W81M2A
SODIUM	473	471	38000		UG/L	ASPWELL
SODIUM	1	1	10		MG/L	ASPWELL-D
THALLIUM	598	15	6.9	J	UG/L	W21SSA
VANADIUM	456	16	11.3		UG/L	W81M1A
ZINC	456	150	39.4		UG/L	W21M2A
General Chemistry						
ALKALINITY, BICARBONATE (AS CACO3)	213	202	48		MG/L	W46M2A
ALKALINITY, CARBONATE (AS CACO3)	213	0			MG/L	
ALKALINITY, HYDROXIDE (AS CACO3)	213	0			MG/L	
ALKALINITY, TOTAL (AS CACO3)	213	202	48		MG/L	W46M2A
CHLORIDE (AS CL)	213	213	68.5		MG/L	W46SSA
CYANIDE	230	0			UG/L	
CYANIDE	1	0			MG/L	
HARDNESS (AS CACO3)	435	25	42.7		MG/L	W46SSA
NITRATE/NITRITE (AS N)	213	170	1.1		MG/L	W47DDA
NITROGEN, AMMONIA (AS N)	213	80	0.24		MG/L	W21M1A
NITROGEN, NITRATE (AS N)	15	0			MG/L	
NITROGEN, NITRATE (AS N)	5	0			UG/L	
NITROGEN, NITRITE	13	1	0.01		MG/L	ASPWELL
NITROGEN, NITRITE	5	0			UG/L	
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS PO4	212	142	0.23	J	MG/L	W21 DDA
SULFATE (AS SO4)	213	213	18		MG/L	W69M2D
SUSPENDED SOLIDS (RESIDUE, NON-FILTERABL	1	1	5.1		MG/L	W21SSA
TOTAL DISSOLVED SOLIDS (RESIDUE, FILTERA	1	1	93		MG/L	W21SSA
TOTAL ORGANIC CARBON	213	61	4.4		MG/L	W81DDA
TURBIDITY	1	1	2.1		NTU	W21SSA

UG/L = Microgram per Liter
MG/L = Milligram per Liter
NTU = Nephelometric Turbidity Units
Q = Data Qualifier
J = Estimated concentration
NJ = Estimated concentration, not calibrated

Table 4- 3
Tentatively Identified Compounds in Groundwater
Western Boundary RI Report

Analyte	Number of Detections	Number of Samples	Maximum Detection	Units	Location of Maximum Detection
VOC TICS					
Miscellaneous TICs					
ACETALDEHYDE	1	1362	4	UG/L	W02-09M2A
SULFUR DIOXIDE	1	1362	2	UG/L	W69SSA
UNKNOWN	91	1362	140	UG/L	TW00-2D-A
Potential Artifacts					
BENZENE, 1-BROMO-3-FLUORO-	1	1362	4	UG/L	M-5BAA
BUTYLATED HYDROXYTOLUENE	40	1362	8	UG/L	W21DDA
CARBON DIOXIDE	2	1362	23	UG/L	W213M2A
UNKNOWN SILOXANE DERIVATIVE	1	1362	2	UG/L	W80DDD
Aliphatic Hydrocarbons					
1-PENTENE, 2,4,4-TRIMETHYL-	1	1362	15	UG/L	TW1-88BA
2-PENTENE, 2,4,4-TRIMETHYL-	1	1362	1	UG/L	TW1-88BA
HEXANE, 1,1,1,2,2,3,3,4,4,5,5,6,6-TRIDEC	1	1362	3	UG/L	SPRING1-A
UNKNOWN ALKANE	11	1362	5	UG/L	TW1-88BA
UNKNOWN CYCLOALKANE	2	1362	6	UG/L	W226M1A
Alcohols					
UNKNOWN ALCOHOL	6	1362	5	UG/L	W216M2A
Acids, Esters, and Keytones					
BENZOIC ACID	3	1362	3.2	UG/L	ASPWELL-D
1,2-BENZENECARBOXYLIC ACID, BIS(8-METHYL	5	1362	1.1	UG/L	RANGECON-A

Analyte	Number of Detections	Number of Samples	Maximum Detection	Units	Location of Maximum Detection
SVOC TICS					
Miscellaneous TICs					
DIETHYLTOLUAMIDE	2	457	2.6	UG/L	W80SSA
O-HYDROXYBIPHENYL	12	457	10	UG/L	W82M3A
UNKNOWN	189	457	540	UG/L	W82SSA
PHENOL, 2,4-BIS(1,1-DIMETHYLETHYL)-	1	457	1.9	UG/L	ASPWELL-A
UNKNOWN AMIDE	3	457	5	UG/L	W69SSA
Potential Artifacts					
2-PENTANONE, 4-HYDROXY-4-METHY	2	457	2.7	UG/L	W80SSA
2-PENTANONE, 4-HYDROXY-4-METHYL-	12	457	1.6	UG/L	W46DDA
BUTYLATED HYDROXYTOLUENE	165	457	9.8	UG/L	W46SSA
UNKNOWN TRICHLOROPROPENE	5	457	130	UG/L	W21SSA
Aliphatic Hydrocarbons					
DOTRIACONTANE	1	457	1.1	UG/L	W81DDA
UNKNOWN ALIPHATIC COMPOUND	4	457	7.5	UG/L	W47DDA
UNKNOWN ALKANE	11	457	7.2	UG/L	W69SSA
Alcohols					
1-HEXANOL, 2-ETHYL-	9	457	4.8	UG/L	W84M3A
ETHANOL, 2,2'-OXYBIS-	1	457	22	UG/L	W84SSA
UNKNOWN ALCOHOL	1	457	6.2	UG/L	W80SSA
1-EICOSANOL	1	457	3.7	UG/L	W46DDA
Acids, Esters, and Keytone					
PHOSPHORIC ACID TRIBUTYL ESTER	1	457	4.2	UG/L	W70SSA
HEXADECANOIC ACID	2	457	51	UG/L	W46DDA
OCTADECANOIC ACID	1	457	16	UG/L	W46DDA
TETRADECANOIC ACID	1	457	2.2	UG/L	W46DDA
1,2-BENZENEDICARBOXYLIC ACID,	2	457	92	UG/L	W46M1A
2,4,6-CYCLOHEPTATRIEN-1-ONE, 2-HYDROXY-	1	457	2.6	UG/L	RANGECON-A
Complex Natural Products					
CHOLESTEROL	1	457	1.9	UG/L	W46DDA

Table 6-1
Western Boundary Groundwater Screening
(Start of Program through May 2006)

Chemical	Maximum Detected Concentration (ug/L)		Location of Maximum Concentration	Detection Frequency	Maximum Contaminant Level [1] (ug/L)	EPA Chronic (Lifetime) Health Advisory Level (HA) for Drinking Water [2] (ug/L)	EPA Regional Screening Level for Tapwater (ug/L)	Massachusetts Contingency Plan GW-1 Standard (ug/L)
1,4-DICHLOROBENZENE	0.4	J	W02-03M1	5 / 1631	75	75	0.43	5
2,4 DB	1.1	J	W71SS	1 / 390	-	-	290	-
2,4,5-T (TRICHLOROPHENOXYACETIC ACID)	0.22	J	W71SS	13 / 390	-	70	370	-
2,6-DINITROTOLUENE	1.9	J	W84D	2 / 2160	-		37	-
2-CHLORONAPHTHALENE	0.26	J	W84M1	1 / 457	-	-	2900	-
2-METHYLNAPHTHALENE	0.29	J	ASPWELL	1 / 457	-	-	150	10
ACETONE	16	J	TW1-88B	23 / 1343	-	-	22000	6300
ACIFLUORFEN	0.15	J	97-1	1 / 390	-	-	470 [5]	-
ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.01	J	W81M1	1 / 259	-	-	0.011	-
ALUMINUM	7400		W47M3	99 / 456	-	-	37000	-
ANTIMONY	5.9	J	W46SS	5 / 598	6	6	15	6
ARSENIC	6.4	J	W81M2	20 / 457	10	-	**0.045**	10
BARIUM	64.8		W47M3	115 / 474	2000	-	7300	2000
BENZENE	0.3	J	W46M3	5 / 1362	5	-	0.41	5
BENZOIC ACID	2.4	J	W70SS	3 / 445	-	-	150000	-
BERYLLIUM	0.5		W46D	15 / 474	4	-	73	4
BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.01	J	W81M3	1 / 259	0.2 [6]	-	0.037	-
BIS(2-ETHYLHEXYL) PHTHALATE	73	J	W9703	79 / 475	**6**	-	**4.8**	**6**
BORON	20		W46M1	233 / 434	-	1000	7300	-
BROMODICHLOROMETHANE	0.5		ASPWELL	1 / 1362	-	-	**0.12**	3
CADMIUM	1.6		WL26L	5 / 474	5	5	18	5
CALCIUM	10100		W46D	449 / 456	-	-	-	-
CARBON DISULFIDE	0.3	J	W81M1	3 / 1343	-	-	1000	-
CARBON TETRACHLORIDE	0.2	J	W213M2	1 / 1362	5	-	0.2	5
CHLORAMBEN	0.58	NJ	W21M3	10 / 390	-	100	550	-
CHLOROFORM	4		W80SS	1262 / 1362	-	70	**0.19**	70
CHLOROMETHANE	7		W80M2	40 / 1362	-	30	190	-
CHROMIUM, TOTAL	26		W47M3	61 / 476	100	1000	-	100
CIS-1,3-DICHLOROPROPENE [3]	0.5	J	W80M1	1 / 1362	-	-	**0.43**	**0.4**
COBALT	5.7		W69SS	23 / 456	-	-	11	-
COPPER	632		ASPWELL	72 / 456	1300	-	1500	-
DCPA (DACTHAL)	0.18	J	W46M1	3 / 379	-	70	370	-
DIETHYL PHTHALATE	140		W70SS	5 / 457	-	-	29000	2000
DI-N-BUTYL PHTHALATE	0.23	J	W82SS	1 / 457	-	-	3700	-
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	0.3	J	W70SS	2 / 1703	-	2	0.61	1
IRON	7760		W47M3	172 / 456	-	-	26000	-
LEAD	53		ASPWELL	35 / 476	**15**	-	-	**15**
MAGNESIUM	5560		W46SS	444 / 456	-	-	-	-
MANGANESE	676		W46M1	351 / 456	-	**300**	880	-
MCPP	140	NJ	W81D	2 / 390	-	**30 [7]**	**37**	-
MERCURY	0.28		W83M2	17 / 473	2	2	0.57	2
METHYL ETHYL KETONE (2-BUTANONE)	2	J	TW1-88B	3 / 1343	-	4000	7100	4000
METHYLENE CHLORIDE	0.7	J	XXM973	1 / 1362	5	-	4.8	5
MOLYBDENUM	51		W46M2L	69 / 434	-	**40**	180	-
NICKEL	66		ASPWELL	62 / 474	-	100	730	100
PENTACHLOROPHENOL	0.18	J	W70SS	1 / 865	1	-	0.56	1
PERCHLORATE	2.89		W267M1	693 / 4623	**2 [1]**	15 [4]	26	**2**
PHENOL	2	J	W46M1	1 / 457	-	2000	11000	1000
POTASSIUM	9960		W46M1	364 / 456	-	-	-	-
SELENIUM	5.9	J	W69M2	12 / 474	50	50	180	50
SILVER	3.2	J	W81M2	7 / 456	-	100	180	100
SODIUM	38000		ASPWELL	471 / 473	-	-	-	-
TERT-BUTYL METHYL ETHER (MBTE)	0.8		W276M3	17 / 441	-	-	12	70
THALLIUM	6.9	J	W21SS	15 / 598	**2**	**0.5**	**2.4**	**2**
TOLUENE	10		W70SS	52 / 1362	1000	-	2300	1000
TRICHLOROETHYLENE (TCE)	2		TW00-2D	26 / 1362	5	-	**1.7**	5
VANADIUM	11.3		W81M1	16 / 456	-	-	260	30
XYLENES, TOTAL	0.6	J	W267M1	3 / 1362	10000	-	200	10000
ZINC	39.4		W21M2	150 / 456	-	2000	11000	5000

Notes:

All data as reported by AMEC in the IAGWSP Draft Western Boundary RI (July 21, 2006).

"Qualifier" codes used for the "Maximum Concentration" are as follows:

J = Estimated Concentration

NJ = Presumptively Identified Compound, Estimated Concentration

Highlighting indicates those criteria that have been exceeded and will be discussed further within the report.

[1] Maximum Contaminant Level is both Federal and State except for perchlorate, which reflects the State MCL

[2] HA is the Federal EPA lifetime health advisory value (June, 2006).

[3] RSL is for 1,3-dichloropropene (isomer not specified).

[4] Interim Health Advisory

[5] Sodium Acifluorfen used as a surrogate for the RSL value for Acifluorfen.

[6] Lindane (technical grade BHC) used as a surrogate for the MCL value for Beta BHC.

[7] MCPA used as a surrogate for the HA value for MCPP.

Table 6-2
Western Boundary
Soil Screening

Analyte	Maximum Concentration (mg/Kg)	Location of Maximum Detected Concentration	Total Number of Analyses	Number of Analyses Detected	MCP S-1/GW-1 Standard	MADEP Leaching Based Soil Concentration [5]	MMR SSL	EPA Region 3 Risk-Based SSL	Moraine Background Concentration (0 - 2 ft bgs)
Data applicable to the Western Boundary Risk Screening									
Perchlorate	0.00587	SS193B	29	2	0.1	0.002	0.003	-	-
Data to be evaluated under other operable units									
1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	0.000064	SS051607-C-01E 0-6	11	10	0.00045	-	0.002	0.000015	-
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-p-DIOXIN	0.00027	SS051607-C-01E 0-6	11	11	0.00045	-	0.002	0.000015	-
1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	0.0000032 J	SS051607-C-01E 0-6	11	8	0.00045	-	0.002	0.000015	-
1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	0.0000035 J	SS051607-C-01E 0-6	11	9	0.000045	-	0.0002	0.0000015	-
1,2,3,4,7,8-HEXACHLORODIBENZO-p-DIOXIN	0.0000038 J	SS051607-C-01E 0-6	11	8	0.000045	-	0.0002	0.0000015	-
1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	0.0000038 J	SS051607-C-01E 0-6	11	8	0.000045	-	0.0002	0.0000015	-
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.000013	SS051607-C-01E 0-6	11	8	0.000045	-	0.0002	0.0000015	-
1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	0.00000023 J	SS051607-C-01S 0-6	11	1	0.000045	-	0.0002	0.0000015	-
1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.000012	SS051607-C-01E 0-6	11	8	0.000045	-	0.0002	0.0000015	-
1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.00000056 J	SS051607-C-01E 0-6	11	4	0.000045	-	0.0002	0.0000015	-
1,2,3,7,8-PENTACHLORODIBENZO-p-DIOXIN	0.0000029 J	SS051607-C-01E 0-6	11	8	0.0000045	-	0.00002	0.00000015	-
1,3,5-TRINITROBENZENE	0.41	SS09184-A 0-0.25	248	1	-	-	-	2.6	-
2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	0.0000028 J	SS051607-C-01E 0-6	11	9	0.000045	-	0.0002	0.0000015	-
2,3,4,7,8-PENTACHLORODIBENZOFURAN	0.00000067 J	SS051607-C-01E 0-6	11	8	0.000015	-	0.000067	0.0000005	-
2,3,7,8-TETRACHLORODIBENZOFURAN	0.0000005 J	SS051607-C-01E 0-6	11	6	0.000045	-	0.0002	0.0000015	-
2,4,5-T (TRICHLOROPHENOXYACETIC ACID)	0.011 NJ	CP203C 0-0.5	155	2	-	-	0.493	0.11	-
2,4,6-TRINITROTOLUENE	3.4	CP198B 0-0.5	48	28	-	-	0.000212	0.0087	-
2,4-DINITROTOLUENE	0.26 J	SS69F 1.5-2	446	2	0.7	0.057	0.020	0.0002	-
2,6-DINITROTOLUENE	0.85 J	SS09195-A 0-1.0	446	1	-	-	0.009	0.034	-
2-AMINO-4,6-DINITROTOLUENE	0.56 J	SS09165-A 0-0.25	248	1	-	-	0.000385	0.029	-
2-CHLORONAPHTHALENE	0.32 J	OG042000-01 0-0.25	198	1	-	-	-	18	-
2-METHYLNAPHTHALENE	0.069 J	SS51H 0-0.5	197	3	0.7	0.36	0.072	0.9	-
4-AMINO-2,6-DINITROTOLUENE	0.76	SS09195-A 0-0.25	248	3	-	-	0.000385	0.029	-
ACENAPHTHENE	0.047 J	SS51H 0-0.5	198	3	4	3.88	2.7	27	-
ACENAPHTHYLENE	0.064 J	SS51H 0-0.5	197	4	1	1.18	0.068	-	-
ACETONE	2.18 J	SS09162-A 0-0.25	169	115	6	6.3	0.107	4.4	-
ACIFLUORFEN	0.01 NJ	SS76C 0-0.5	116	1	-	-	0.000107	3.1	-
ALDRIN	0.0022 J	SS51H 0-0.5	155	1	0.04	-	0.010	0.00084	-
ALPHA-CHLORDANE	0.0034 J	SS71B 0-0.5	155	1	0.7	-	0.000384	0.033	-
ALUMINUM	14500	SS04246-A 0-0.25	183	183	-	-	54006	55000	15500
ANTHRACENE	0.03 J	SS51H 0-0.5	198	1	1000	-	53.8	450	-
ANTIMONY	1.3 J	SS51I 1.5-2.0	183	30	20	-	0.271	0.66	2.3
ARSENIC	7.4	SS04246-A 0-0.25	184	146	20	-	0.009	0.0013	3.9
BARIUM	56.6	SS04246-A 0-0.25	184	184	1000	-	120.349	300	20.2
BENZENE	0.0173	SS07967-A 0-0.25	171	4	2	1.50	0.000103	0.00023	-
BENZO(a)ANTHRACENE	0.2 J	SS51H 0-0.5	198	7	7	-	0.037	0.014	0.46
BENZO(a)PYRENE	0.3 J	SS51H 0-0.5	197	8	2	-	0.203	0.0046	0.46
BENZO(b)FLUORANTHENE	0.57	SS51H 0-0.5	197	11	7	-	0.114	0.047	0.46
BENZO(g,h,i)PERYLENE	0.093 J	SS51H 0-0.5	198	7	1000	-	553.8	-	0.46
BENZO(k)FLUORANTHENE	0.39 J	SS51H 0-0.5	197	9	70	-	0.114	0.46	0.46
BENZOIC ACID	0.505 J	SS09184-A 0-0.25	65	10	-	-	-	33	-
BERYLLIUM	0.49	SS69D 0-0.5	183	119	100	-	2.6	58	0.41
bis(2-ETHYLHEXYL) PHTHALATE	0.37 J	OG042000-01 0-0.25	197	43	200	-	72.0	1.6	-
BORON	12.1	SS76B 1.5-2.0	140	41	-	-	9.523	23	17.3
BROMOFORM	0.00522 J	SS09171-A 0-0.25	171	14	0.1	0.007	0.002	0.0023	-
BROMOMETHANE	0.00282 J	SS07948-A 0-0.75	171	1	0.5	0.05	0.00182	0.0022	-
CADMIUM	47.8	OG042000-01 0-0.25	187	28	2	-	0.401	-	0.35
CALCIUM	540	SS04246-A 0-0.25	183	148	-	-	-	-	-

Table 6-2
Western Boundary
Soil Screening

Analyte	Maximum Concentration (mg/Kg)	Location of Maximum Detected Concentration	Total Number of Analyses	Number of Analyses Detected	MCP S-1/GW-1 Standard	MADEP Leaching Based Soil Concentration [5]	MMR SSL	EPA Region 3 Risk-Based SSL	Moraine Background Concentration (0 - 2 ft bgs)
CARBAZOLE	0.095 J	SS51H 0-0.5	197	3	-	-	0.012	-	-
CHLOROBENZENE	0.004 J	OG042000-01 0-0.25	170	1	1	1.2	-	0.068	-
CHLOROFORM	0.00571 J	SS09191-A 0-0.25	171	10	0.4	0.35	0.0000364	0.000055	-
CHROMIUM, TOTAL [1]	15.5	SS04246-A 0-0.25	178	178	30	-	7.0	-	15.5
CHRYSENE	0.52	SS51H 0-0.5	197	15	70	-	3.4	1.4	0.46
COBALT	4.5	SS51L 1.5-2.0	183	162	-	-	132.4	0.49	4.5
COPPER	1230	OG042000-01 0-0.25	189	176	-	-	45.7	51	11
DIBENZ(a,h)ANTHRACENE	0.034 J	SS51H 0-0.5	197	3	0.7	-	0.038	0.015	-
DIBENZOFURAN	0.056 J	SS51H 0-0.5	198	2	-	-	0.262	-	0
DICAMBA	0.017 NJ	CP42D 0-0.5	147	2	-	-	0.265	0.28	-
DIELDRIN	0.91	SS51J 0-0.5	158	18	0.05	-	0.0008	0.00009	0.03
DIETHYL PHTHALATE	3 J	SS75D 0-0.5	198	11	10	9.98	13.4	13	-
DI-n-BUTYL PHTHALATE	0.4	SS69F 1.5-2	190	9	-	-	150.8	11	-
ENDRIN ALDEHYDE [4]	0.0046 NJ	SS51H 0-0.5	155	3	8	-	0.2	0.23	-
ENDRIN KETONE [4]	0.0078 J	SS51J 0-0.5	155	6	8	-	0.1	0.23	-
ETHYLBENZENE	0.00534 J	SS09194-A 0-0.25	170	2	40	44.8	1.9	0.0019	-
FLUORANTHENE	0.83	SS51H 0-0.5	197	18	1000	-	108.1	210	0.46
FLUORENE	0.052 J	SS51H 0-0.5	198	3	1000	-	13.9	33	-
GAMMA-CHLORDANE	0.0029	SS71B 0-0.5	155	1	-	-	0.0000384	-	-
HEPTACHLOR	0.0023	CP42D 0-0.5	155	1	0.2	-	0.021	0.0016	-
HEPTACHLORINATED DIBENZOFURANS, (TOTAL)	0.00000099	SS151A 0-0.5	3	2	-	-	-	-	-
HEPTACHLORINATED DIBENZO-p-DIOXINS, (TOTAL)	0.0000363	SS151B 0-0.5	3	3	-	-	-	-	-
HEXACHLORINATED DIBENZOFURANS, (TOTAL)	0.000002	SS151A 0-0.5	3	2	-	-	-	-	-
HEXACHLORINATED DIBENZO-p-DIOXINS, (TOTAL)	0.0000027	SS151B 0-0.5	3	2	-	-	-	0.000009	-
HEXACHLOROBENZENE	0.02 J	SPOIL1004BIP5 0.5-1.0	198	1	0.7	-	0.007	0.00029	-
HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	1.6	CP198A 1.5-2.0	48	14	1	0.00168	0.000109	0.00036	-
INDENO(1,2,3-c,d)PYRENE	0.1 J	SS51H 0-0.5	198	6	7	-	0.317	0.16	0.46
IRON	18600	SS04246-A 0-0.25	183	183	-	-	2421.9	640	12100
LEAD	79.3	SS04246-A 0-0.25	187	185	300	-	4.1	-	19
MAGNESIUM	2350	SS69D 0-0.5	183	181	-	-	-	-	1980
MANGANESE	250	SSASPATP01 0-6.0	183	183	-	-	44.2	57	122
MCPA	42 NJ	CP42I 0-0.5	147	19	-	-	0.001	0.0047	-
MCPP	33 J	CP42D 1.5-2.0	155	2	-	-	0.050	0.011	-
MERCURY	0.08 J	SS76B 0-0.5	184	9	20	-	0.020	0.03	0.1
METHYL ETHYL KETONE (2-BUTANONE)	0.039 J	SS51A 0-0.5	171	62	4	4	0.335	1.5	-
METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	0.0371	SS09197-A 0-0.5	170	3	0.4	0.35	-	0.44	-
METHYLENE CHLORIDE	0.002 J	CP206C 0-0.5	163	3	0.1	0.01	-	0.0012	-
MOLYBDENUM	3.3	SSASPATP01 0-6.0	140	46	-	-	0.183	3.7	1.1
NAPHTHALENE	0.59	OG042000-01 0-0.25	197	6	4	4.48	0.014	0.00055	-
NICKEL	19.1	CP42D 1.5-2.0	183	161	20	-	292.1	48	9.4
NITROGEN, AMMONIA (AS N)	33.9 J	CP203B 0-0.5	159	126	-	-	-	-	20
NITROGEN, NITRATE-NITRITE	0.94	CP198A 0-0.5	159	143	-	-	-	-	0.94
N-NITROSODIPHENYLAMINE	0.034 J	SS69F 1.5-2	197	1	-	-	0.008	0.17	-
OCTACHLORODIBENZOFURAN	0.00014	TTASPETP01 0-0.6	11	8	0.015	-	0.067	0.0005	-
OCTACHLORODIBENZO-p-DIOXIN	0.0042 J	TTASPETP01 0-0.6	11	11	0.015	-	0.067	0.0005	-
OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE (HM	7 J	SS09180-A 0-0.25	248	6	2	0.339	0.321	7.1	-
p,p'-DDE	0.013	TTASPETP01 0-0.6	155	34	3	-	0.884	0.06	-
p,p'-DDT	0.03	CP22D 0-0.5	155	53	3	-	0.525	0.087	-
PCB-1260 (AROCHLOR 1260)	0.039	SS139B 0.5-1.0	155	2	-	-	0.010	0.014	-
PENTACHLORINATED DIBENZOFURANS, (TOTAL)	0.0000024	SS151A 0-0.5	3	2	-	-	-	-	-
PENTACHLORINATED DIBENZO-p-DIOXINS, (TOTAL)	0.00000033	SS151A 0-0.5	3	1	-	-	-	-	-
PENTACHLOROPHENOL	0.016 J	CP206A 0-0.5	275	1	3	0.008	0.000429	0.0039	-

Table 6-2
Western Boundary
Soil Screening

Analyte	Maximum Concentration (mg/Kg)	Location of Maximum Detected Concentration	Total Number of Analyses	Number of Analyses Detected	MCP S-1/GW-1 Standard	MADEP Leaching Based Soil Concentration [5]	MMR SSL	EPA Region 3 Risk-Based SSL	Moraine Background Concentration (0 - 2 ft bgs)
PERCHLORATE	0.00587 J	SS193B 0-0.5	152	16	0.1	-	0.003	-	-
PHENANTHRENE	0.92	SS51H 0-0.5	197	17	10	10.873	48.1	-	0.46
PHENOL	0.047 J	SS75A 1.5-2.0	198	3	1	0.951	0.766	8.1	-
PHOSPHORUS, TOTAL ORTHOPHOSPHATE (AS PO4)	157	SS139A 0.5-1.0	159	159	-	-	-	-	143
PICLORAM	0.011 J	CP203B 0-0.5	103	1	-	-	0.088	0.6	-
POTASSIUM	1740	SSASPATP01 0-6.0	183	158	-	-	-	-	733
PYRENE	0.71	SS51H 0-0.5	198	23	1000	-	19.0	150	0.46
SELENIUM	4.2	OG042000-01 0-0.25	184	29	400	-	2.8	0.95	1.1
SILVER	0.36	OG042000-01 0-0.16	181	6	100	-	16.2	1.6	0.61
SILVEX (2,4,5-TP)	0.0067 J	CP42D 0-0.5	155	1	-	-	-	0.11	-
SODIUM	523 J	SS139B 0-0.25	183	29	-	-	-	-	-
STYRENE	0.001 J	OG042000-02 0-0.25	170	1	3	2.9	2.3	2	-
TETRACHLORINATED DIBENZOFURANS, (TOTAL)	0.0000023	SS151A 0-0.5	3	2	-	-	-	-	-
TETRACHLOROETHYLENE(PCE)	0.001 J	SS139A 0.5-1.0	170	7	1	1.235	0.000435	0.000052	-
TETRYL	0.68	SS09189-A 0-0.25	248	3	-	-	0.064	0.65	-
THALLIUM [2]	1.8 J	CP203B 1.5-2.0	183	16	8	-	3.0	0.17	1.6
TOLUENE	0.00729 J	SS07967-A 0-0.25	170	36	30	32	0.272	1.7	-
TOTAL ORGANIC CARBON	90800	SS51H 0-0.5	111	79	-	-	-	-	-
TRICHLOROETHYLENE (TCE)	0.002 J	CP198B 0-0.5	171	4	0.3	0.28	0.000496	0.00061	-
VANADIUM	31.4	SS04246-A 0-0.25	183	183	600	-	260.0	260	21.7
XYLENES, TOTAL	0.0261 J	SS09194-A 0-0.25	170	2	400	360	0.808	0.23	-
ZINC	292	SS04246-A 0-0.25	183	152	2500	-	2201.9	680	25.6

Notes:

Data summary considers all soil samples from all operable units and subareas within the Western Boundary Study Area from all sampling dates (1997-2007).

Qualifier codes used for the "Maximum Concentration" are as follows:

J = Estimated Concentration

NJ = Presumptively Identified Compound, Estimated Concentration

Highlighting indicates those criteria that have been exceeded and will be discussed further within the report.

[1] MCP standards for Chromium VI used as a surrogate for Chromium, Total.

[2] EPA Risk-Based SSL for Thallium, Soluable Salts used as a surrogate for Thallium.

[3] Sodium Acifluorfen used as a surrogate for the RSL value for Acifluorfen.

[4] MCP and EPA values for Endrin used as a surrogate for Endrin Aldehyde and Endrin Ketone.

[5] MADEP Leaching Based Soil Concentrations are not used as a screening criteria, but are included for comparison purposes only.

[6] MCP S-1/GW-1s, MMR SSLs, and EPA Risk-Based SSLs for CDDs/CDFs based on TEQ-adjusted 2,3,7,8-TCDD values.

Table 11-1
Western Boundary Remedial Investigation/Feasability Study
Summary of Regulatory Considerations

AUTHORITY/TYPE	PROVISION	SYNOPSIS
Federal/Chemical Specific	SDWA MCLs, 40 CFR 141.61 – 141.63	The EPA has promulgated SDWA MCLs (40 CFR 141-143) that are enforceable standards for public drinking water supplies. The standards protect drinking water quality by limiting the levels of specific contaminants that can adversely affect public health.
State/Chemical Specific	MA Drinking Water Regulations, 310 CMR 22.00	These standards establish Massachusetts MCLs (MMCLs) for public drinking water systems (310 CMR 22.00 et seq.).
Federal/Action Specific	SDWA 47 FR 30282 Sole Source Aquifer	Pursuant to Section 1424(e) of the Safe Drinking Water Act, the EPA has determined that the Cape Cod aquifer is the sole or principal source of drinking water for Cape Cod, Massachusetts, and that the Cape Cod aquifer, if contaminated, would create a significant hazard to public health.
Federal/Chemical Specific	Drinking Water Health Advisories, published at http://www.epa.gov/ waterscience/criteria/drinking/	These are exposure concentrations protective of adverse non-cancer effects for a given exposure period. The 1-day and 10-day HA are designed to protect a child; the lifetime HA is designed to protect an adult.
Federal/Chemical Specific	Drinking Water Equivalent Levels (DWELs), published at http://www.epa.gov/ waterscience/criteria/drinking/	DWELs set forth lifetime exposure concentration values protective of adverse, non-cancer health effects, assuming that all of the exposure to a contaminant is from drinking water.
Federal/Chemical Specific	Human Health Reference Doses (RfDs), Reference Concentrations (RfCs), Cancer Slope Factors (CSFs), and 10^{-6} excess lifetime cancer risk level	These risk-based concentrations are considered together with site-specific exposure information to develop concentrations of residual contamination that will not endanger human health.

Table 11-1
Western Boundary Remedial Investigation/Feasability Study
Summary of Regulatory Considerations

AUTHORITY/TYPE	PROVISION	SYNOPSIS
State/Chemical Specific	Massachusetts Contingency Plan, Method 1, GW-1 Groundwater Standards, 310 CMR 40.0974(2) Table 1	These cleanup standards were developed by MassDEP considering a defined set of exposures considered to be a conservative estimate of the potential exposures at most sites. Groundwater at MMR is classified as GW-1.
State/Chemical Specific	Massachusetts Drinking Water Guidelines, in Standards and Guidelines for Chemicals in Massachusetts Drinking Waters (Spring 2009), available at http://www.mass.gov/dep/water/dwstand.pdf.	Synopsis: This document lists both promulgated Massachusetts MCLs and also MassDEP Office of Research and Standards guidelines for chemicals that do not have Massachusetts MCLs. Standards promulgated by EPA but not yet effective may be included on the Guidelines list. These values are derived based on a review and evaluation of all available data for the chemical of interest.
State/Action Specific	Massachusetts Surface Water Quality Standards, 314 CMR 4.00	These MassDEP standards prescribe the minimum water quality criteria required to sustain the designated uses of Massachusetts waters. The levels are designed to prevent all adverse health effects from ingestion, inhalation or dermal contact.
Federal/Action Specific	Subtitle C Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities, 40 CFR Part 264	These requirements establish minimum national standards that define the acceptable management of hazardous waste.
State/Action Specific	MA Hazardous Waste Management Regulations (310 CMR 30.0000)	These requirements specify how a generator of solid waste must determine whether that waste is hazardous. If waste is determined to be hazardous, it must be managed in accordance with these requirements.

Table 11-1
Western Boundary Remedial Investigation/Feasability Study
Summary of Regulatory Considerations

AUTHORITY/TYPE	PROVISION	SYNOPSIS
Federal/Action Specific	EPA Guidance on "Use of Monitored Natural Attenuation at Superfund, RCRA Corrective Action, and Underground Storage Tank Sites" (9200.4-17P) (Apr. 21, 1999)	This guidance describes EPA's policy regarding the use of monitored natural attenuation (MNA) for the cleanup of contaminated soil and groundwater. It provides guidance regarding necessary site-specific characterization data and analysis, a methodology for determining a reasonable timeframe for remediation, a preference for remediation of sources, appropriate performance monitoring and evaluation, and a preference for contingency remedies.
Federal/Action Specific	Resource Conservation and Recovery Act (RCRA) [40 CFR 261; 40 CFR 262.34]	Resource Conservation and Recovery Act (RCRA) regulations at 40 CFR 261.24 identify the concentrations of contaminants that make a waste material a RCRA -characteristic hazardous waste for toxicity.
Federal/Action Specific	RCRA Land Disposal Restrictions [40 CFR 268]	These regulations restrict the disposal of any treatment wastes classified as hazardous waste.
State/Action Specific	Solid Waste Management Regulations (RCRA Subtitle D), 310 CMR 19.000 et seq.	If a waste is determined to be a solid waste, it must be managed in accordance with the state regulations at 310 CMR 19.000 et seq.
Federal/Action Specific	Hazardous Waste Operations and Emergency Response, 29 CFR 1910.120	These regulations describe training, monitoring, planning, and other activities to protect the health of workers performing hazardous waste operations.
Federal/Action Specific	Underground Injection Control Program [40 CFR 114, 144, 146, 147, 148, 1000]	Underground Injection Control Program regulations outline minimum program and performance standards for underground injection wells and prohibit any injection that may cause a violation of any primary drinking water regulation in the aquifer. Infiltration galleries and wells fall within the broad definition of Class V wells. These regulations are administered by the State.

Table 11-1
Western Boundary Remedial Investigation/Feasability Study
Summary of Regulatory Considerations

AUTHORITY/TYPE	PROVISION	SYNOPSIS
State/Action Specific	MassDEP Stormwater Management Program Policy (Nov. 18, 1996)	Provides policies and guidance on complying with the state's stormwater discharge requirements.
Federal/Action Specific	National Environmental Policy Act, 42 U.S.C. 4321-4370f	"EPA believes that NGB is not required to follow NEPA procedures, as long as the NGB's actions are conducted in accordance with the administrative order, because of the provision in the CEQ regulations exempting enforcement actions from NEPA." (USEPA, 1 March 01)
Federal/Action Specific	CWA NDPES Stormwater Discharge Requirements, 40 CFR 122.26	Establishes requirements for stormwater discharges associated with construction activities that result in a land disturbance of equal to or greater than one acre of land. The requirements include good construction management techniques; phasing of construction projects; minimal clearing; and sediment, erosion, structural, and vegetative controls to mitigate stormwater run-on and runoff.
State/Action Specific	Stormwater Discharge Requirements, 314 CMR 3.04 and 314 CMR 3.19	Requires that stormwater discharges associated with construction activities be managed in accordance with the general permit conditions of 314 CMR 3.19 so as not to cause a violation of Massachusetts surface water quality standards in the receiving surface water body (including wetlands).
State/Chemical Specific	Massachusetts Air Pollution Control Regulations [310 CMR 6.00 – 7.00]	Construction activities could trigger Massachusetts Air Pollution Control Regulations (310 CMR 6.00 – 7.00). These regulations set emission limits necessary to attain ambient air quality standards for fugitive emissions, dust and particulates.

Table 11-1
Western Boundary Remedial Investigation/Feasability Study
Summary of Regulatory Considerations

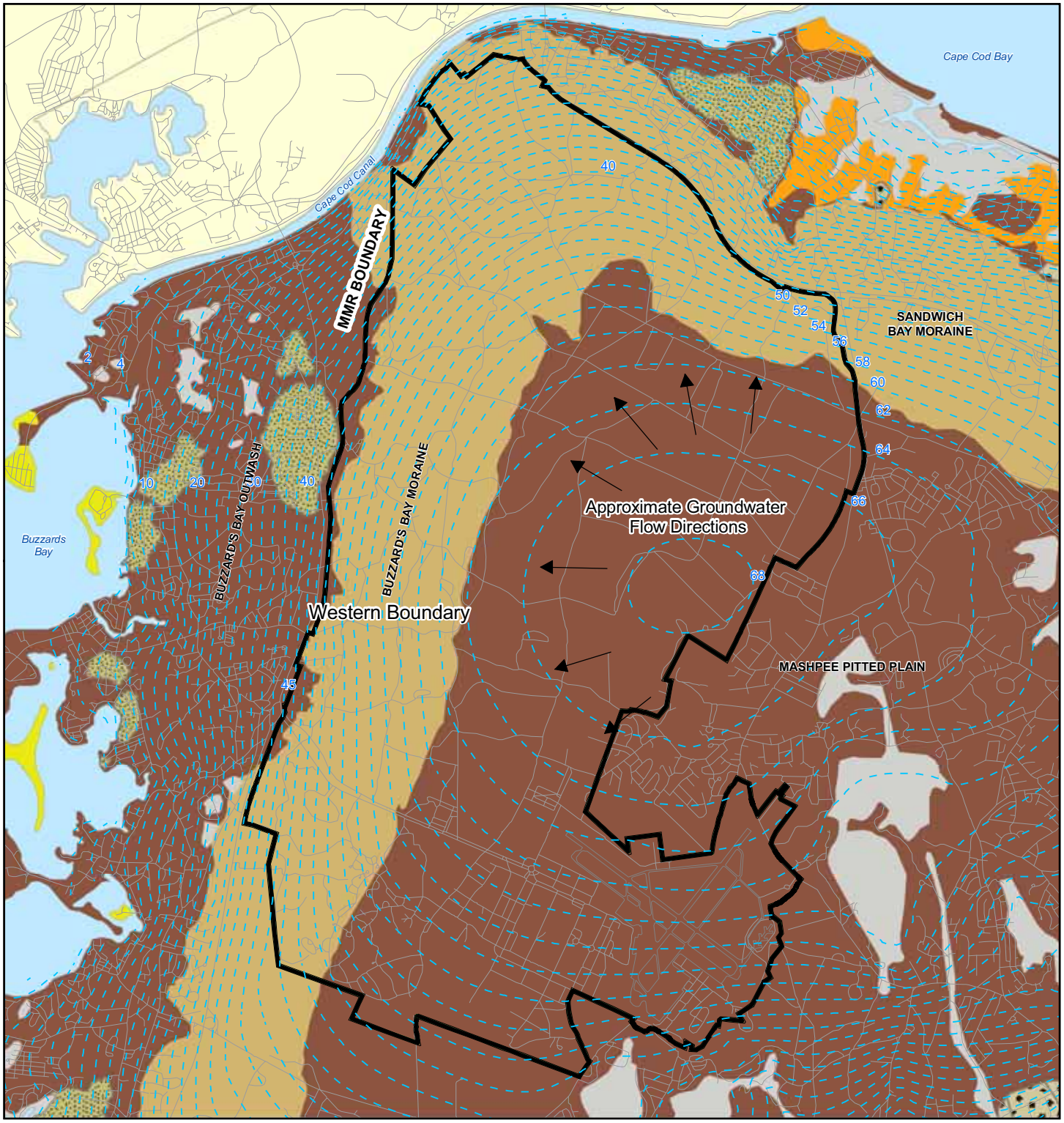
AUTHORITY/TYPE	PROVISION	SYNOPSIS
State/Action Specific, Chemical Specific	310 CMR 40.0040 Construction and operation of a groundwater treatment plant	Regulations establish management procedures for remedial wastewater as well as the construction, installation, change, operation and maintenance of treatment works for Remedial Wastewater. Treatment works shall be inspected and the inspections documented. Treatment works shall be protected from vandalism and measures shall be taken to prevent system failure, contaminant pass through, interference, by-pass, upset, and other events likely to result in a discharge of oil and/or hazardous material to the environment.
State/Action Specific, Chemical Specific	Discharge of Groundwater 310 CMR 40.0045	Regulations restrict remedial wastewater discharge to the ground surface or subsurface and/or groundwater. Such a discharge should not erode or impair the functioning of the surficial and subsurface soils, infiltrate underground utilities, building interiors or subsurface structures, result in groundwater mounding within two feet of the ground surface, or result in flooding or breakout to the ground surface. The concentrations of all pollutants discharged must be below the Massachusetts Groundwater Quality Standards established by 314 CMR 6.0. The concentrations must also be below the applicable Reportable Concentrations established by 310 CMR 40.0300 and 40.1600.
State/Action Specific	Discharge of Groundwater 310 CMR 40.0300 and 310 CMR 40.1600	The MCP contains special provisions for the discharge of groundwater containing very low levels of oil or hazardous material. Groundwater containing oil and/or hazardous material in concentrations less than the applicable release notification threshold established by 310 CMR 40.0300 and 40.1600, can be discharged to the ground subsurface and/or groundwater only when following appropriate guidelines.

Table 11-1
Western Boundary Remedial Investigation/Feasability Study
Summary of Regulatory Considerations

AUTHORITY/TYPE	PROVISION	SYNOPSIS
State/Action Specific	Groundwater Discharge Regulations [314 CMR 5.00]	Recharge of effluent from some treatment works requires a permit under Groundwater Discharge Regulations at 314 CMR 5.00 unless the exemption allowing for actions taken in compliance with MGL C. 21E and regulations at 40 CMR 40.00 applies. The effluent discharged must not exceed any Massachusetts Groundwater Quality Standards and effluent limitations in 314 CMR 6.0 CMR 5.10(3). For previous projects on MMR, the MassDEP has determined that effluent from any constructed treatment system is "conditionally exempt" from obtaining the permit provided that the applicable or relevant provisions of the MCP 310 CMR 40.0000 are complied with.
State/Action Specific	MassDEP Drinking Water Program, Private Well Guidelines (2008), available at http://www.mass.gov/dep/water/laws/prwellgd.pdf	These are guidelines concerning private well location, design, construction, development, water quality testing, operation, maintenance, and decommissioning.
State/Action Specific	Underground Injection Control [310 CMR 27.00]	These regulations prohibit injection of fluid containing any pollutant into underground sources of drinking water where such pollutant will, or is likely to, cause a violation of any state drinking water standard or adversely affect the health of persons.
State/Action Specific	STATE - MA Erosion and Sediment Control Guidelines for Urban and Suburban Areas (May 2003), available at http://www.mass.gov/dep/water/essec1.pdf	Provides guidance and best management practices regarding erosion and sediment control.

Table 11-1
Western Boundary Remedial Investigation/Feasability Study
Summary of Regulatory Considerations

AUTHORITY/TYPE	PROVISION	SYNOPSIS
Federal/Action Specific	Archaeological Resources Protection Act, 16 U.S.C. §§ 470aa-ll, 43 CFR Part 7; Native American Graves Protection and Repatriation Act, 25 U.S.C. §§ 3001-3013, 43 CFR Part 10, National Historic Preservation Act, 16 U.S.C. §§ 470 et seq., 36 CFR Part 800; Massachusetts Historic Preservation Act, MGL ch. 9 §§ 26-27C; MGL ch. 7, § 38A; MGL ch. 38, §§ 6B-6C; 950 CMR 70-71.	These statutes and regulations provide for the protection of historical, archaeological, and Native American burial sites, artifacts, and objects that might be lost as a result of a federal construction project.

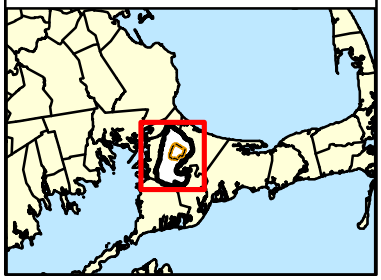


LEGEND

Groundwater Elevation Contours
AMEC, MMR-10 Model
(In Feet Above NGVD)

- Sand and Gravel Deposits
- Till or Bedrock
- Sandy Till Over Sand
- End Moraines
- Large Sand Deposits
- Fine-Grained Deposits
- Floodplain Alluvium

LOCATION MAP



N

0 5,000 Feet

NOTES & SOURCES
Map Coordinates: Stateplane, NAD83,
FIPS Zone 2001, Meters
Basemap data from US Geological Survey 7 1/2 minute
Topographic Maps Source: MassGIS

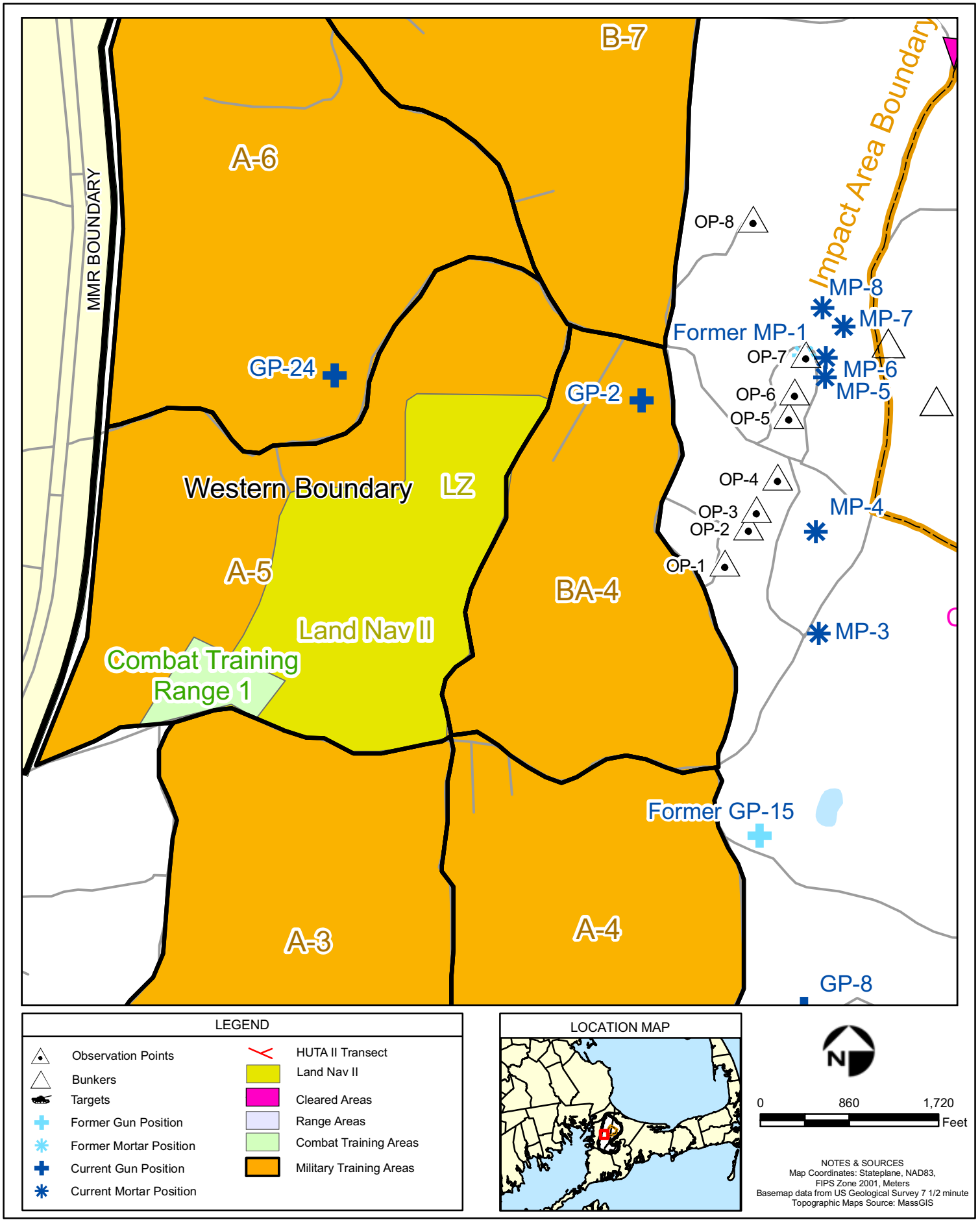
AMEC Earth & Environmental, Inc.
Westford, Massachusetts

Site Background Information

FIGURE
2-1

P:\Terc-JV\TO4\Restricted Files\GIS\Spatial\MXD\RI\Western_Boundary\revised_RIFS_12.08\B10026_Fig2-1_12.09.08.mxd

Impact Area Groundwater Study Program



AMEC Earth & Environmental, Inc.
Westford, Massachusetts

Site Use History

FIGURE
2-2

P:\Terc-JV\TO4\Restricted Files\GIS\Spatial\MXD\RI\Western_Boundary\revised_RIFS_12.08\B10026_Fig2-2_12.09.08.mxd

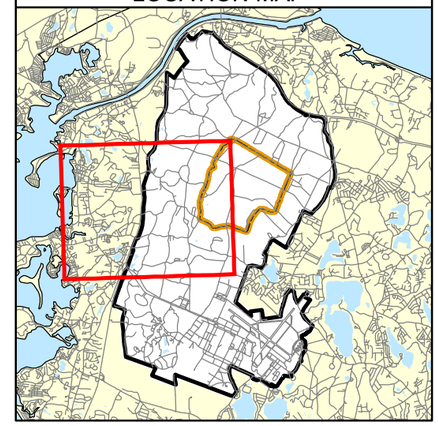
Impact Area Groundwater Study Program

Impact Area Groundwater Study Program

LEGEND

- Existing Monitoring Well
- Existing Water Supply Well
- Monitoring Well Outside Study Area
- Water Supply Well Outside Study Area
- Groundwater Elevation Countours, AMEC MMR-10 Model (In Feet Above NGVD)
- Western Boundary Area

LOCATION MAP



NOTES & SOURCES

Map Coordinates: Stateplane, NAD83, FIPS Zone 2001, Meters
Orthophotography: 1:5000 digital black & white orthophotos
Resolution: 0.5 meter; Date Flown: 1994; Source: MassGIS

TITLE

Groundwater Sample Locations

0 2,000 Feet

N

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Westford, Massachusetts

P:\Terc-JV\TO4\Restricted Files\GIS\Spatial\MXD\RI\ Western_Boundary\revised_RIFS_12.08\ B10026_Fig3-1_03.24.09.mxd

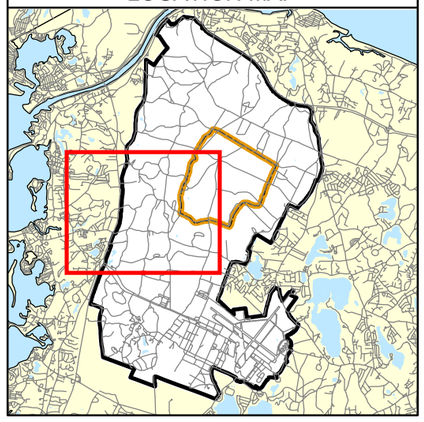
FIGURE 3-1

Impact Area Groundwater Study Program

LEGEND

- Soil Grid Location (2002 - 2003): Included in Risk Screening
- Soil Grid Location (2002 - 2003): Not Included in Risk Screening
- Multi-Point Composite Soil Sample Included in Risk Screening
- Discrete Soil Sample Location
- Items and Features (2005 - 2006)
- 97-5 Particle Track Endpoint (MMR-8 Model)
- Former Gun Position
- Former Mortar Position
- Current Gun Position
- Current Mortar Position
- HUTA II Transect
- Cleared Areas
- Geophysical Anomaly

LOCATION MAP



NOTES & SOURCES

Map Coordinates: Stateplane, NAD83, FIPS Zone 2001, Meters
Orthophotography: 1:5000 digital black & white orthophotos
Resolution: 0.5 meter; Date Flown: 1994; Source: MassGIS

TITLE

Western Boundary Soil Sampling Locations

0 1,500 Feet

N

AMEC Earth & Environmental, Inc.
Westford, Massachusetts
P:\Terc-JV\TO4\Restricted Files\GIS\Spatial\MXD\RI\Western_Boundary\revised_RIFS_12.08\B10026_Fig3-2_07.16.09.mxd

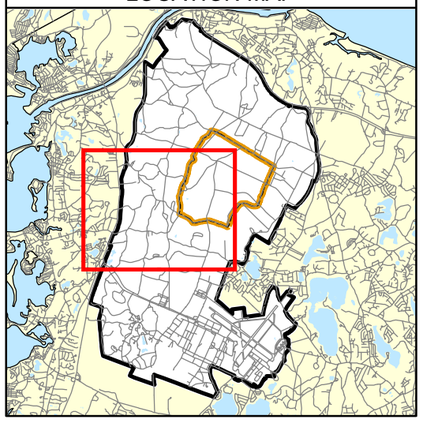
FIGURE 3-2

Impact Area Groundwater Study Program

LEGEND

- Perchlorate Detected in Soil Sampling Location
- Perchlorate Not Detected at Soil Grid Location
- Discrete Soil Sample Location (Non-Detect)
- Discrete Soil Sample Location (Detect)
- Multi-Point Sample Location

LOCATION MAP



SSWB001		0-0.5
ANALYTE	Date Sampled	UG/KG
PERCHLORATE	12/21/2005	1.3

193B		0-0.5
ANALYTE	Date Sampled	UG/KG
PERCHLORATE	06/18/2002	5.87J

NOTES & SOURCES

Map Coordinates: Stateplane, NAD83, FIPS Zone 2001, Meters
Orthophotography: 1:5000 digital black & white orthophotos
Resolution: 0.5 meter; Date Flown: 1994; Source: MassGIS

TITLE

Western Boundary Perchlorate Detections in Soil

0 1,500 Feet

N

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Westford, Massachusetts

P:\Terc-JV\TO4\Restricted Files\GIS\Spatial\MXD\RI\Western_Boundary\revised_RIFS_12.08\B10026_Fig4-1_03.24.09.mxd

FIGURE 4-1

Impact Area Groundwater Study Program

LEGEND

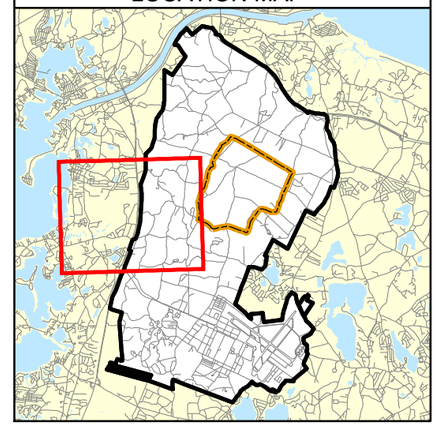
- Groundwater or Water Supply Detection Less than 2 ug/L
- Groundwater or Water Supply Non-detect
- No Data Available
- Monitoring Wells Outside Study Area
- Active Gun Position
- Former Gun Position
- Active Mortar Position
- Former Mortar Position
- Groundwater Elevation Countours, AMEC MMR-10 Model (In Feet Above NGVD)
- Last 3 Rounds with Perchlorate Detects

Perchlorate in Groundwater (Revision 05/01/06) *

- Non-detect to less than 2 ppb

* Contour lines dashed where inferred

LOCATION MAP



NOTES & SOURCES

Map Coordinates: Stateplane, NAD83, FIPS Zone 2001, Meters
Orthophotography: 1:5000 digital black & white orthophotos
Resolution: 0.5 meter; Date Flown: 1994; Source: MassGIS

TITLE

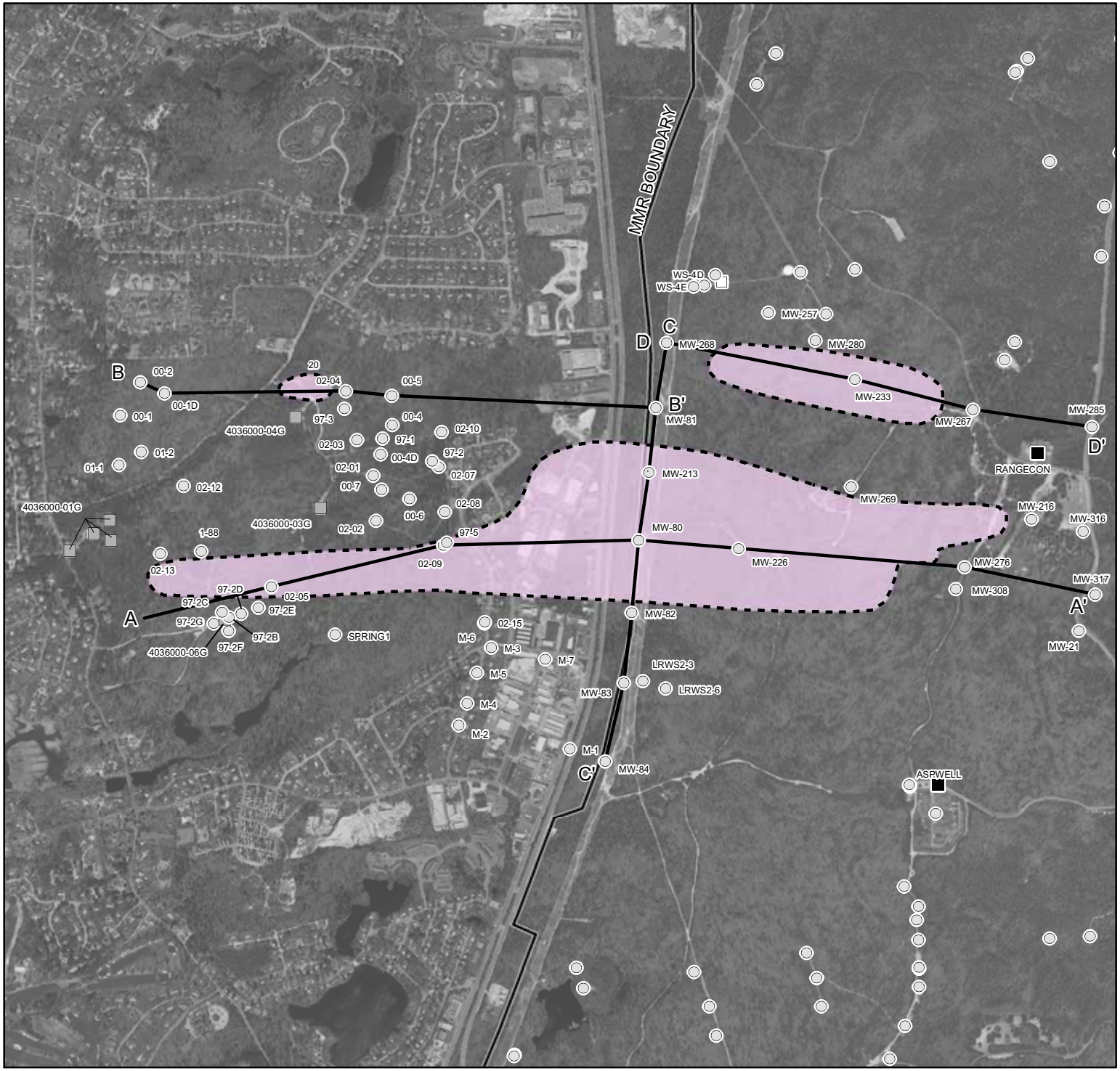
Perchlorate Detections in Groundwater as of May 1, 2006

0 1,250 Feet

AMEC Earth & Environmental, Inc.
Westford, Massachusetts

J:/mmr/ReportFigs2006/B10026/B10026_Fig4-2.pdf
G:/MMR_COE/Work2006/B10026/B10026_Fig4-2.mxd
July 12, 2006 DWN: AP JBB ABF CHK: MG

FIGURE 4-2



Impact Area Groundwater Study Program

LEGEND

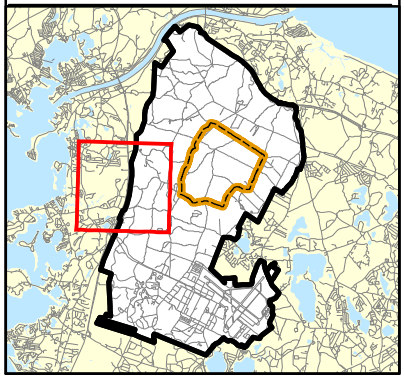
- Existing Monitoring Wells
- Existing Water Supply Well
- Proposed Water Supply Well
- Monitoring Wells Outside Study Area
- A A' Cross Section

Perchlorate in Groundwater (Revision 05/01/06) *

- Non-detect to less than 2 ppb

* Contour lines dashed where inferred

LOCATION MAP



NOTES & SOURCES

Map Coordinates: NAD 83, Massachusetts State Plane, meters
Aerial photos: 1:5000 black & White digital orthophotos.
Resolution: 0.5 meters; Date flown: 1994; Source: MassGIS

TITLE

Geologic Cross Section Location Map

0 1,750 Feet

N

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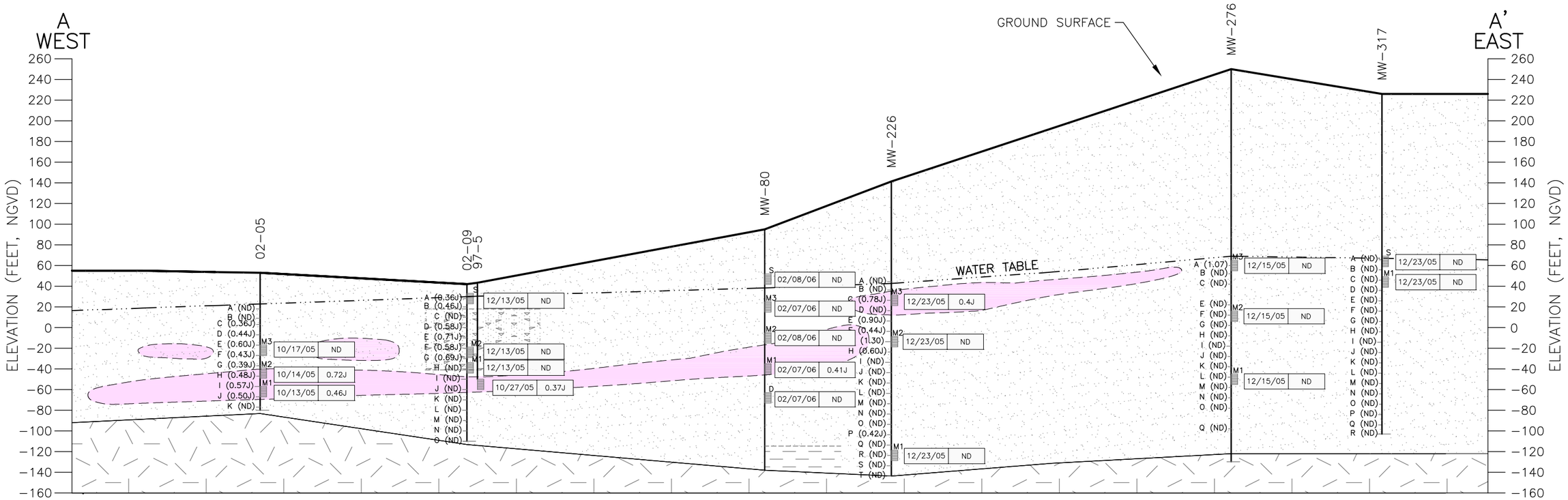
Westford, Massachusetts

J:/mmr/ReportFigs2006/B10026/B10026_Fig4-3.pdf
G:/MMR_COE/Work2006/B10026/B10026_Fig4-3.mxd
July 12, 2006 DWN: AP JBB ABF CHK: MG

FIGURE 4-3



NOTES:

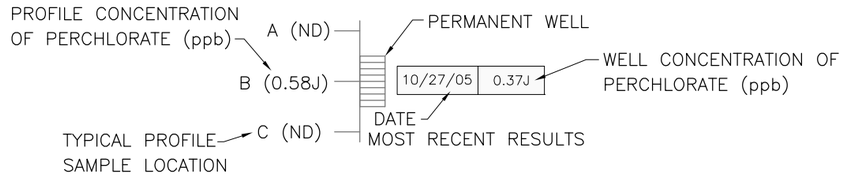
1. GEOLOGIC CONDITIONS BETWEEN EXPLORATIONS ARE AN INTERPRETATION OF AVAILABLE DATA. ACTUAL CONDITIONS MAY VARY.
2. NGVD = NATIONAL GEODETIC VERTICAL DATUM
3. CONCENTRATIONS IN ug/L (PPB)
4. WATER LEVELS TAKEN AT THE TIME OF PROFILE SAMPLING OR MOST RECENT READING.
5. DELINEATION OF PERCHLORATE IS BASED UPON MOST RECENT RESULT IN GROUNDWATER.
6. J = ESTIMATED CONCENTRATION, * = UNVALIDATED
7. ND = NON DETECTED

GEOLOGICAL UNITS

- SAND
- SAND AND GRAVEL
- SILT
- BEDROCK
- COBBLES AND BOULDERS
- CLAY

PERCHLORATE CONCENTRATIONS

- >ND – 2.0 ug/L
- 2.0 ug/L – 3 ug/L



NOTE: THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH THE AMEC EARTH & ENVIRONMENTAL REPORT No. ___ DATED ___.

HORIZONTAL SCALE: 1" = 1000'
0 1000' 2000'
0 100' 200'
VERTICAL SCALE: 1" = 100'

CLIENT LOGO

CLIENT: MASSACHUSETTS MILITARY RESERVATION

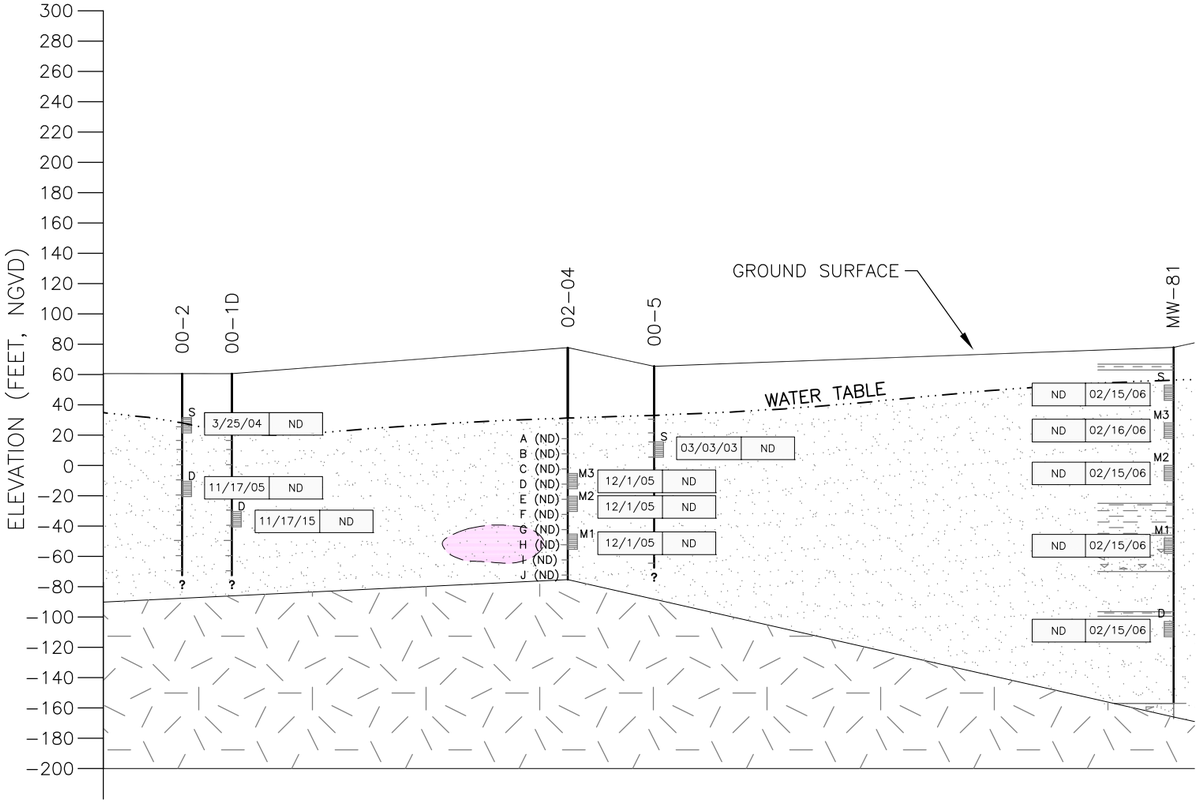
DRAWN BY: R. BOWMAN
CHECKED BY: C. MAZZOLINI
DATUM: N/A
PROJECTION: N/A
SCALE: AS SHOWN

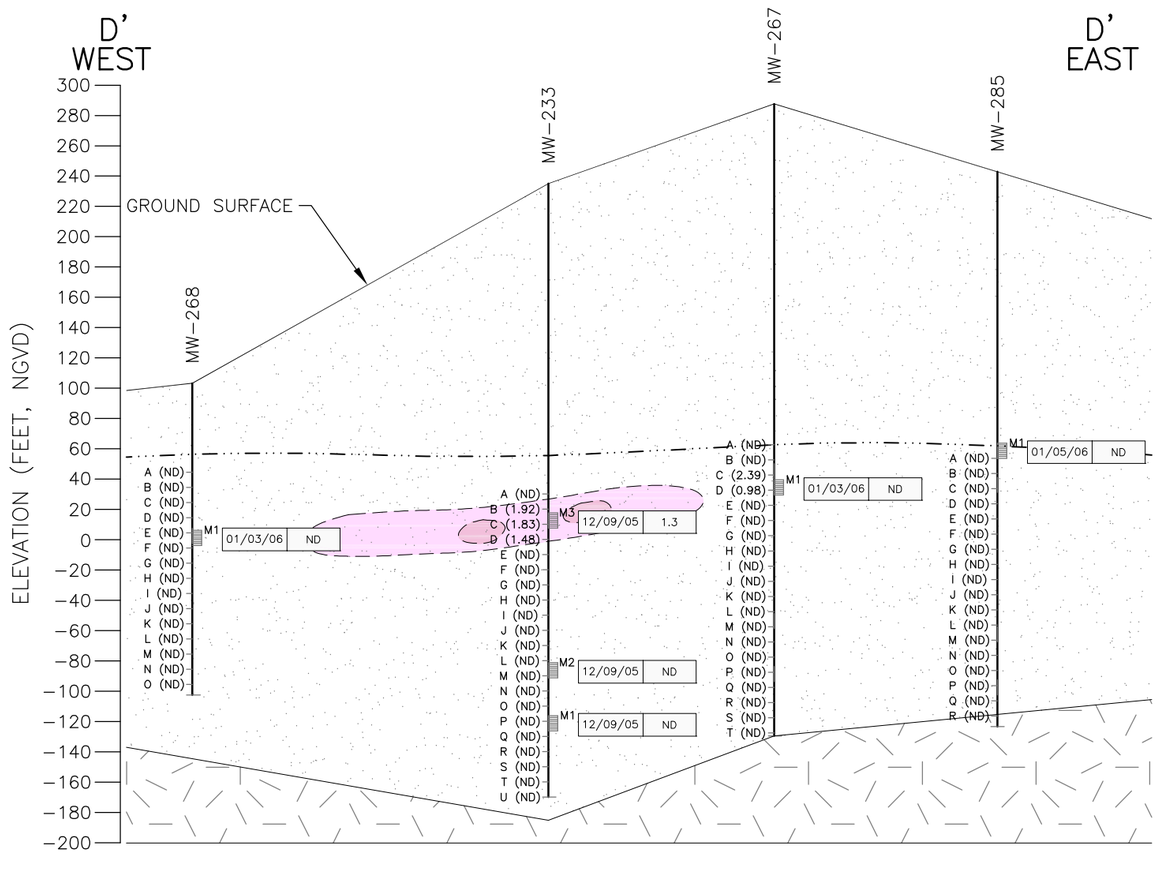
PROJECT: WESTERN BOUNDARY RI REPORT

TITLE: CROSS SECTON A-A'
PERCHLORATE DISTRIBUTION IN GROUNDWATER

DATE: 1 JUNE 2006
PROJECT NO: 2-7622-5018
REV. NO.: A
FIGURE No. 4-4

J:\CAD\X-SECTIONS\Bourne\MAXIMUM HISTORICAL DETECTION SHOWN\06_01_06\X-SECTION A-A_rev1.dwg – A-A' – Jun. 12, 2006 9:06am – ron.bowman





NOTES:

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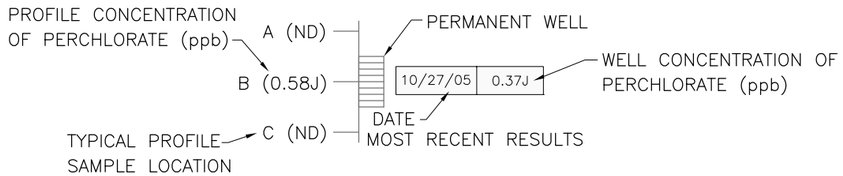
2. NGVD = NATIONAL GEODETIC VERTICAL DATUM
3. CONCENTRATIONS IN ug/L (PPB)
4. WATER LEVELS TAKEN AT THE TIME OF PROFILE SAMPLING OR MOST RECENT READING.
5. DELINEATION OF PERCHLORATE IS BASED UPON MOST RECENT RESULT IN GROUNDWATER.
6. J = ESTIMATED CONCENTRATION, * = UNVALIDATED
7. ND = NON DETECTED.

GEOLOGICAL UNITS

- SAND
- SAND AND GRAVEL
- SILT
- BEDROCK
- COBBLES AND BOULDERS
- CLAY

PERCHLORATE CONCENTRATIONS

- >ND – 2.0 ug/L
- 2.0 ug/L – 3 ug/L



NOTE: THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH THE AMEC EARTH & ENVIRONMENTAL REPORT No. ___ DATED ___.

HORIZONTAL SCALE: 1" = 1000'
0 1000' 2000'
0 100' 200'
VERTICAL SCALE: 1" = 100'

CLIENT LOGO

CLIENT: MASSACHUSETTS MILITARY RESERVATION

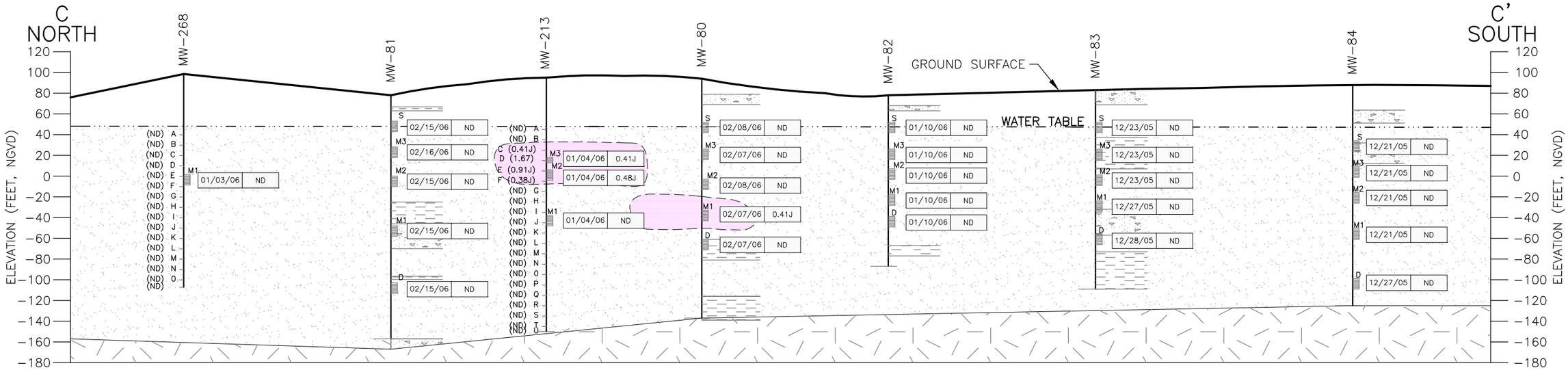
DRAWN BY: R. BOWMAN
CHECKED BY: C. MAZZOLINI
DATUM: N/A
PROJECTION: N/A
SCALE: AS SHOWN

PROJECT: WESTERN BOUNDARY RI REPORT

TITLE: CROSS SECTON B-B' AND D-D' PERCHLORATE DISTRIBUTION IN GROUNDWATER

DATE: 1 JUNE 2006
PROJECT NO: 2-7622-5018
REV. NO.: A
FIGURE No. 4-5

I:\CAD\X-SECTIONS\Bourne\MAXIMUM_HISTORICAL_DETECTION_SHOWN\06_01_06\X-SECTION_B-B'_rev1.dwg — B-B' — Jun 12, 2006 9:10am — ron bowman



NOTES:

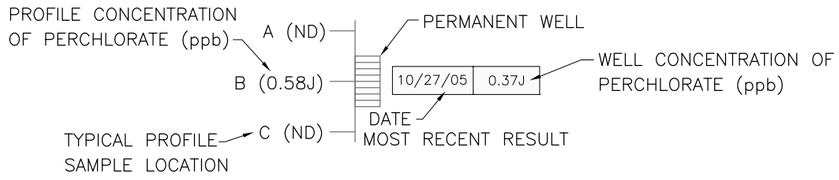
1. GEOLOGIC CONDITIONS BETWEEN EXPLORATIONS ARE AN INTERPRETATION OF AVAILABLE DATA. ACTUAL CONDITIONS MAY VARY.
2. NGVD = NATIONAL GEODETIC VERTICAL DATUM
3. CONCENTRATIONS IN ug/L (PPB)
4. WATER LEVELS TAKEN AT THE TIME OF PROFILE SAMPLING OR MOST RECENT READING.
5. DELINEATION OF PERCHLORATE IS BASED UPON MOST RECENT RESULT IN GROUNDWATER.
6. J = ESTIMATED CONCENTRATION, * = UNVALIDATED
7. ND = NON DETECTED

GEOLOGICAL UNITS

- SAND
- SAND AND GRAVEL
- SILT
- BEDROCK
- COBBLES AND BOULDERS
- CLAY

PERCHLORATE CONCENTRATIONS

- >ND – 2.0 ug/L
- 2.0 ug/L – 3 ug/L



NOTE: THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH THE AMEC EARTH & ENVIRONMENTAL REPORT No. ___ DATED ___.

HORIZONTAL SCALE: 1" = 1000'
0 1000' 2000'
0 100' 200'
VERTICAL SCALE: 1" = 100'

CLIENT LOGO

CLIENT: MASSACHUSETTS MILITARY RESERVATION

DRAWN BY:	R. BOWMAN
CHECKED BY:	C. MAZZOLINI
DATUM:	N/A
PROJECTION:	N/A
SCALE:	AS SHOWN

PROJECT: WESTERN BOUNDARY RI REPORT

TITLE: CROSS SECTON C-C'
PERCHLORATE DISTRIBUTION IN GROUNDWATER

DATE:	1 JUNE 2006
PROJECT NO:	2-7622-5018
REV. NO.:	A
FIGURE No.	4-6

J:\CAD\X-SECTIONS\Bourne\MAXIMUM HISTORICAL DETECTION SHOWN\06_01_06\X-SECTION C-C'_rev1.dwg – C-C' – Jun. 12, 2006 9:07am – ron.bowman

Impact Area Groundwater Study Program

LEGEND

- Groundwater or Water Supply Detection Less than 2 ug/L
- Groundwater or Water Supply Non-detect
- No Data Available
- Proposed Well
- Active Gun Position
- Former Gun Position
- Active Mortar Position
- Former Mortar Position
- Groundwater Elevation Countours, AMEC MMR-10 Model (In Feet Above NGVD)
- Last 3 Rounds with Perchlorate Detects

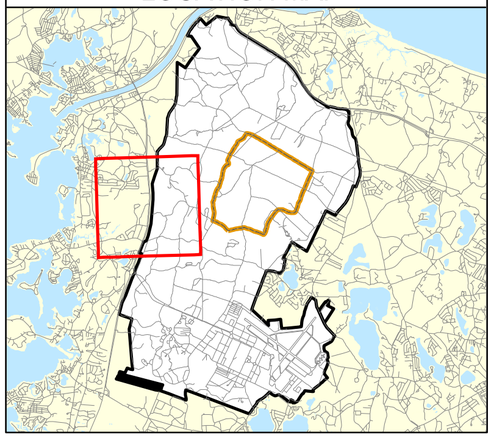
Perchlorate in Groundwater (Revision 05/01/06) *

- Non-detect to less than 2 ppb

* Contour lines dashed where inferred

- Screen located within top third of aquifer
- Screen located within middle third of aquifer
- Screen located within bottom third of aquifer

LOCATION MAP



NOTES & SOURCES

Map Coordinates: Stateplane, NAD83, FIPS Zone 2001, Meters
Orthophotography: 1:5000 digital black & white orthophotos
Resolution: 0.5 meter; Date Flown: 1994; Source: MassGIS

TITLE

Southern Perchlorate Plume Concentrations Over Time

0 800 Feet

N

AMEC Earth & Environmental, Inc.
Westford, Massachusetts

J:/mmr/ReportFigs2006/B10026/B10026_Fig4-7.pdf
G:/MMR_COE/Work2006/B10026/B10026_Fig4-7.mxd
July 20, 2006 DWN: AP BB ABF JBB CHK: MG

FIGURE 4-7

Impact Area Groundwater Study Program

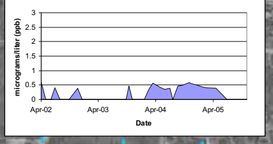
DONNELY POND

MMR BOUNDARY

Perchlorate Concentration ND at Well 02-04M3

Perchlorate Concentration ND at Well 02-04M2

Perchlorate Concentration at Well 02-04M1



ND at Well 00-2S, 10/02 to 3/04

ND at Well 00-2D, 10/02 to 11/05

ND at Well 00-5, 3/02 to 3/03

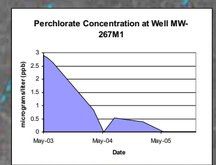
Perchlorate Concentration ND at Well MW-280M3, 9/03 to 12/05

Perchlorate Concentration ND at Well MW-280M2, 9/03 to 12/05

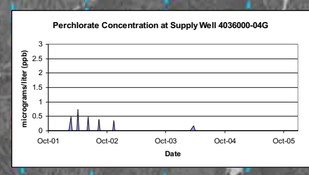
Perchlorate Concentration ND at Well MW-280M1, 9/03 to 12/05

Perchlorate Concentration ND at Well MW-268M1, 5/03 to 1/06

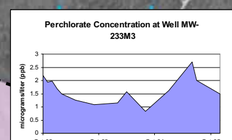
Perchlorate Concentration at Well MW-267M1



Perchlorate Concentration at Supply Well 4036000-04G



Perchlorate Concentration at Well MW-233M3



Perchlorate Concentration ND at Well MW-233M2

Perchlorate Concentration ND at Well MW-233M1

Perchlorate Concentration ND at Well MW-285M1, 12/03 to 1/06

00-2 · 00-1D · 02-04 · 00-5 · 4036000-04G · MW-268 · MW-91 · MW-257 · MW-280 · MW-233 · MW-282 · MW-267 · MW-285 · GP-2 · Old GP-15

MMR BOUNDARY

18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58

LEGEND

- Groundwater or Water Supply Detection Less than 2 ug/L
- Groundwater or Water Supply Non-detect
- No Data Available
- Proposed Well
- Active Gun Position
- Former Gun Position
- Active Mortar Position
- Former Mortar Position
- Groundwater Elevation Countours, AMEC MMR-10 Model (In Feet Above NGVD)
- Last 3 Rounds with Perchlorate Detects

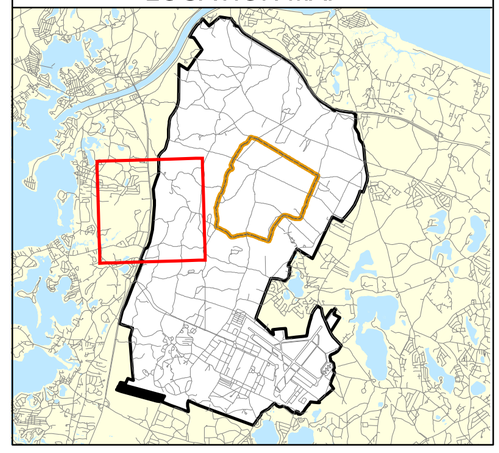
Perchlorate in Groundwater (Revision 05/01/06) *

- Non-detect to less than 2 ppb

* Contour lines dashed where inferred

- Screen located within top third of aquifer
- Screen located within middle third of aquifer
- Screen located within bottom third of aquifer

LOCATION MAP



NOTES & SOURCES

Map Coordinates: Stateplane, NAD83, FIPS Zone 2001, Meters
Orthophotography: 1:5000 digital black & white orthophotos
Resolution: 0.5 meter; Date Flown: 1994; Source: MassGIS

TITLE

Northern Perchlorate Plumes Concentrations Over Time

0 800 Feet

N

AMEC Earth & Environmental, Inc.
Westford, Massachusetts

J:/mmr/ReportFigs2006/B10026/B10026_Fig4-8.pdf
G:/MMR_COE/Work2006/B10026/B10026_Fig4-8.mxd
July 20, 2006 DWN: AP BB ABF JBB CHK: MG

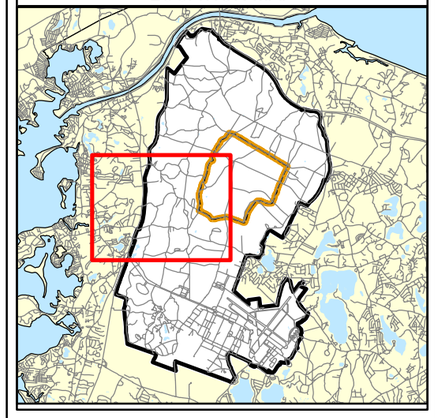
FIGURE 4-8

Impact Area Groundwater Study Program

LEGEND

- Historic Groundwater Detection 2 ug/L to Less than 3 ug/L
- Historic Groundwater Detection Less than 2 ug/L
- Groundwater or Water Supply Non-detect as of 5/1/06
- No Data Available
- Monitoring Wells Outside Study Area
- Proposed Water Supply Wells
- Perchlorate Detected in Soil Sampling Location
- Perchlorate Not Detected at Soil Grid Location
- Discrete Soil Sample Location (Non-Detect)
- Discrete Soil Sample Location (Detect)
- Multi-Point Sample Location
- Observation Points
- Targets
- Bunkers
- Former Gun Position
- Current Gun Position
- Former Mortar Position
- Current Mortar Position
- Reverse Particle Track, AMEC, (MMR-10NW Model)
- HUTA II Transect
- Land Nav II
- Cleared Areas
- Geophysical Anomaly
- Range Areas
- Combat Training Areas
- Military Training Areas
- Potential Source Area

LOCATION MAP



NOTES & SOURCES

Map Coordinates: Stateplane, NAD83, FIPS Zone 2001, Meters
Basemap data from US Geological Survey 7 1/2 minute
Map Source: MassGIS

TITLE

Reverse Particle Tracks from Perchlorate Detections in Groundwater, and Potential Source Areas

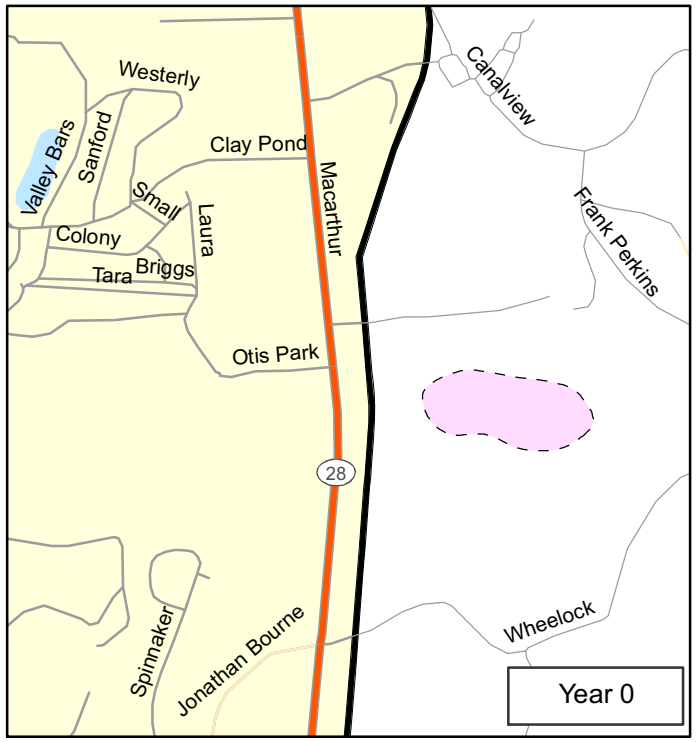
0 1,550 Feet

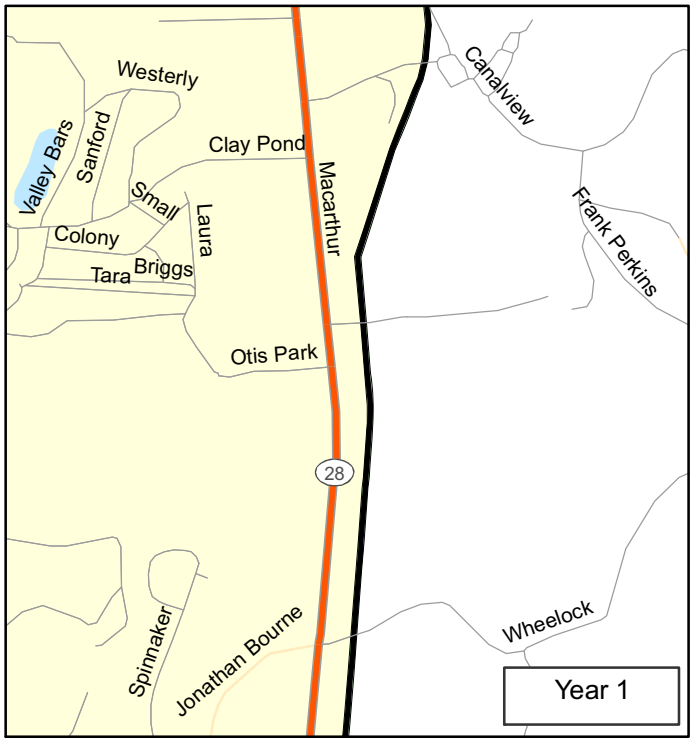
N

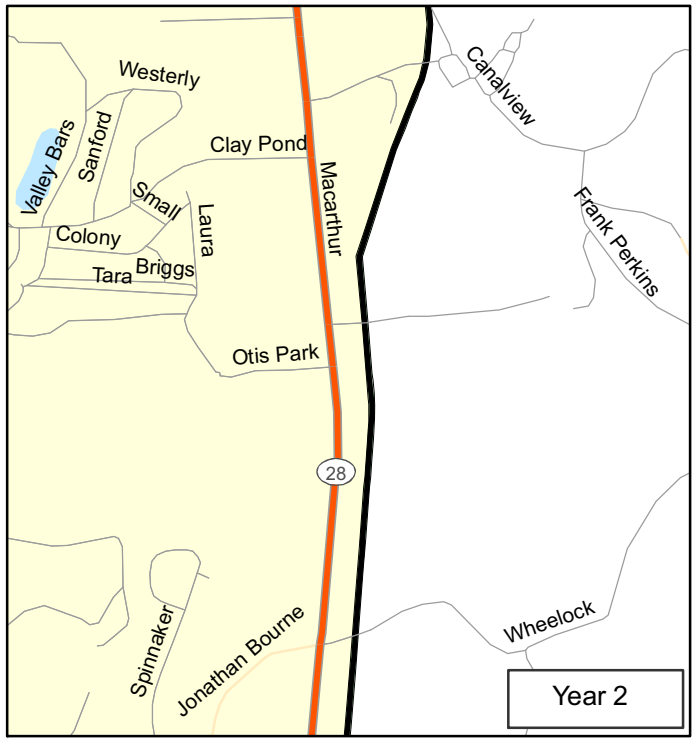
AMEC Earth & Environmental, Inc.
Westford, Massachusetts

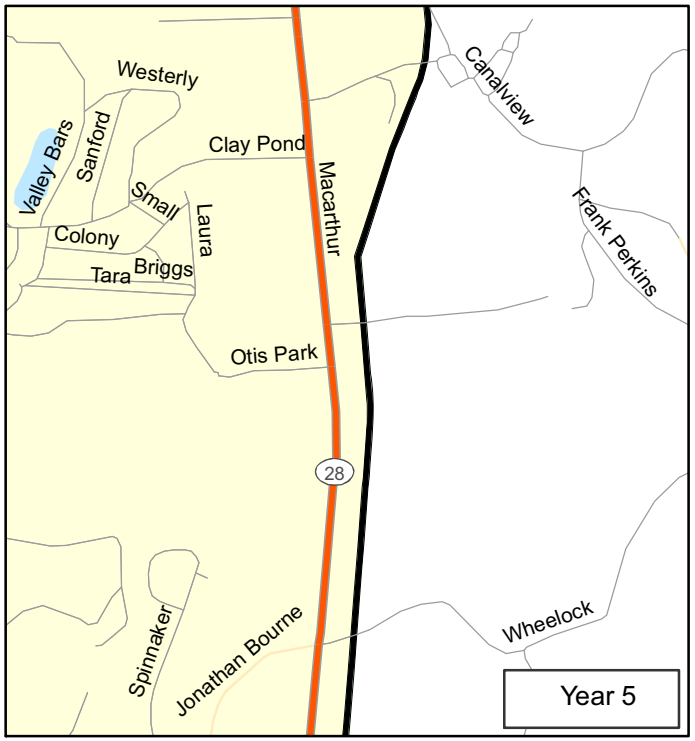
P:\Terc-JV\TO4\Restricted Files\GIS\Spatial\MXD\RI\Western_Boundary\revised_RIFS_12.08\B10026_Fig4-9_12.11.08.mxd

FIGURE 4-9









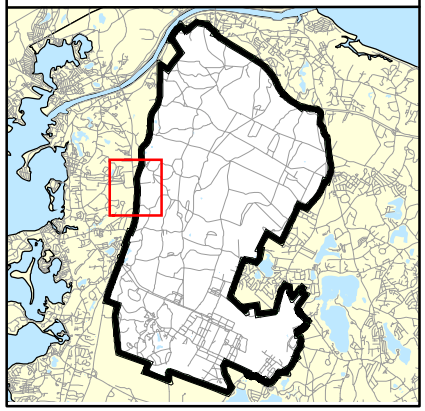
Impact Area Groundwater Study Program

Legend

Perchlorate Concentrations

- 2 to 3 ug/L
- Surface Water
- MMR Boundary
- Roads

Location Map



NOTES & SOURCES

Map Coordinates: Stateplane, NAD83, FIPS Zone 2001, Meters Source: MassGIS, ESRI Inc.

TITLE

Time Series Plots
Scenario 1- No Action

0 420 840 1,680 Feet

N

Tetra Tech EC, Inc.
Boston, Massachusetts

P:\Terc-JV\TO4\Restricted Files\GIS\Spatial\MXD\RI\Western_Boundary\revised_RIFS_12.08\Fig11-1_12.09.08.mxd

FIGURE
11-1

APPENDIX A

Supplemental Investigation Project Note

Client, Project and Location		
Impact Area Groundwater Study Program **Camp Edwards, Massachusetts**	***Project Note***	

Confirmation of	Date Held	Not applicable
☒ Western Boundary Supplemental Investigation	Location	Not applicable
☐	Date Issued	13 December 2005
☐	Recorded By	

Subject	Issued By
DOCUMENTATION OF THE INVESTIGATION OF ITEMS DISCOVERED NEAR CAMP EDWARDS RANGE CONTROL	William Gallagher IAGWSP Project Manager

Item	Remarks	Action Required By
1.0	**INTRODUCTION** This project note documents the investigation of items discovered by EPA during a reconnaissance conducted near Camp Edwards Range Control on 4 April 2002 (See Figure 1). A second reconnaissance was conducted by the Impact Area Groundwater Study Program (IAGWSP), MADEP and EPA on 13 April 2005. The proposed actions in this Project Note are based on observations and discussions between the IAGWSP and EPA during this 2005 site reconnaissance.	
2.0	**PROPOSED ACTIONS** The following additional activities have been or will be completed as part of this investigation. 2.1 Reacquiring Locations of Field Observation – A portable Global Positioning Satellite (GPS) unit was used to reacquire, in the field, the location of the items and features discovered during the 2002 reconnaissance conducted on 4 April 2002. 2.2 Foam Pit – Several pits were observed on Canal View Road south of monitoring well MW-80 during the 2002 site reconnaissance (Figure 1). Foam-like material (FLM) was observed by EPA in one pit during the 2002 reconnaissance. All of the pits were inspected during the 2005 reconnaissance and none appeared to contain FLM. Due to EPA's 2002 observation that "foam" was present at this location, the IAGWSP agrees to conduct a survey in and around these pits using an all-metals detector following the procedure outlined in Section 3.1. Soil samples will be collected from each of these pits after the completion of the all-metals detector survey following the procedure outlined in Section 3.2. Samples may be collected as discrete or composites, depending on the size of the affected area. The samples will be analyzed for perchlorate and explosives compounds. The type and location of the samples will be	

determined in consultation with the regulatory agencies at the completion the all-metals detector survey.

2.3 Smoke Grenades – During the 2005 reconnaissance, one smoke grenade was located at one of the two areas where smoke grenades were observed during the 2002 site reconnaissance. At this location, the grenade will be removed and a discrete sample will be collected beneath it for explosives and perchlorate. A survey using an all-metals detector will then be conducted at both locations. The survey will be conducted in the immediate vicinity (5-foot radius) of the smoke grenade observed during the 2005 reconnaissance. At the other location, the survey will be conducted within a 5-foot radius of the 2002 survey coordinate. A sample will then be collected at this second location for explosives and perchlorate. The type and locations of this sample will be determined based on the results of the all-metals detector survey and in consultation with the regulatory agencies.

EPA has also expressed concerns that several smoke grenades that were present in 2002 could not be located during the 2005 reconnaissance. Due to this concern the IAGWSP agrees to conduct a Visual Reconnaissance of this general area. The area to be included in this Visual Reconnaissance is shown in Figure 2. The procedure to be followed is outlined in Section 3.3. Additional sampling may be proposed based on the results of the all-metals detector survey and Visual Reconnaissance. The need for additional sampling will be made in consultation with the regulatory agencies after the completion of the surveys. Additional soil samples may be collected as discrete or composites based on the results of the survey for perchlorate and explosives compounds.

2.4 Small Arms – The three locations where small arms munitions were observed during the 2002 site reconnaissance were later determined to be blank rounds. Therefore, no sampling will be conducted at these locations.

2.5 Crater/Depression – An all-metals detector survey will be conducted in and around the features identified as the "Large Crater" and "Depression". One soil sample will be collected at each location after the completion of the all-metals detector survey. Soil samples may be collected as discrete or composites, depending on the size of the affected area. The samples will be analyzed for perchlorate and explosives compounds. The type and location of the samples will be determined in consultation with the regulatory agencies at the completion of the all-metals detector survey.

2.6 OE Scrap Pile – The OE scrap (now referred to as Munitions Debris) pile will be removed and the items will be placed in a covered lockable container. An all-metals detector survey will then be conducted in the area of the Munitions Debris pile and the nearby soil mound. Upon completion of the all-metals detector survey a soil sample will be collected for explosives and perchlorate. The soil sample may be collected as a discrete or composite, depending on the size of the Munitions Debris pile. The type and location of the samples will be determined in consultation with the regulatory agencies at the completion of the all-metals detector survey. Additional sampling may be conducted in this area based on the results of the all-metals detector survey for perchlorate and explosives compounds. The type and location of any additional samples will be

determined in consultation with the regulatory agencies at the completion the all-metals detector survey.

2.7 Railroad Tie Bunker with Pallets – An all-metals detector survey will be conducted in the area identified as a "Railroad Tie Bunker". A soil sample will be collected after the completion of the all-metals detector survey. The soil sample may be collected as a discrete or composite, depending on the size of the affected area. The sample will be analyzed for perchlorate and explosives compounds. The type and location of the sample will be determined in consultation with the regulatory agencies at the completion of the all-metals detector survey.

2.8 Schonstedt Anomaly – The metallic anomaly identified during the 2002 site reconnaissance will be excavated and an all-metals detector survey will be conducted. A soil sample will be collected after the completion of the all-metals detector survey. The soil sample may be collected as discrete or composite, depending on the size of the affected area. Soil analytes will include perchlorate and explosives compounds. The type and location of the samples will be determined in consultation with the regulatory agencies at the completion the all-metals detector survey.

2.9 At the request of EPA, an all-metals detector survey/anomaly removal will be conducted at the features identified as "Arming Wire", "Sign Post", "Axe Head", "Coffee Canister on Tree", "Smoke Canister on Tree", "Coal Bed", or "Crushed Drum". The survey will be conducted within a 5-foot radius of these features. Soil samples may be collected based on the results of this survey. The type and location of the samples will be determined in consultation with the regulatory agencies at the completion the all-metals detector survey. At the location identified as "Fuel Spill Small Area with Diesel" soil was excavated and sent off-site for disposal by the National Guard's Environmental and Readiness Center. Therefore, no further action will be conducted at this location.

2.10 Reporting – All data collected during this investigation will be included in the RI Report for the Western Boundary.

3.0 **PROCEDURES**

3.1 All-Metals Detector Survey and Anomaly Removal

Surveys will be conducted at the features described above using a Vallons metal detector. The survey will consist of the following tasks:

- Preparation of Record of Action (ROA) - Prior to the survey a ROA will be prepared for each work area. The ROA documents any expected project impacts to the environment and includes an evaluation of the effects of vegetation clearance and excavation at the sites. Work will not proceed until the ROA is approved by the State of Massachusetts Natural Heritage and Endangered Species Program and the State Historic Preservation Office.
- Delineation of Survey Area – The area to be surveyed will be marked in the field. The survey areas will be then inspected by the IAGWSP and the regulatory agencies. Work will not proceed until all parties agree on

the survey boundaries.

- Vegetation Clearance - Vegetation will be cleared as necessary.
- Anomaly Clearance - Magnetic anomalies will be marked in the field and excavated upon notification of the regulatory agencies. All work will be completed by qualified UXO trained personnel in accordance with the Site Safety and Health Plan (ECC 2004a), Global UXO Work Plan (ECC 2004b), and the Draft Military Munitions Management Plan (United States Army Corps of Engineers 2004). An anomaly will be considered investigated when no metallic objects are detected within a 3-foot radius of it.
- Survey Completion – Surveys will be determined to be complete at each feature when one of the following conditions is met: 1) no magnetic anomalies are identified in the survey area or 2) all magnetic anomalies in the survey area have been excavated. It should be noted that this investigation is not intended to be a UXO clearance activity. If large anomalies are identified at the edge of a feature or if significant quantities or UXO are discovered then the survey will be terminated. The regulatory agencies will be notified if any of the surveys are terminated. Further investigation/excavation will be conducted outside the scope of this Project Note in consultation with the regulatory agencies.

3.2 Soil Sampling

As discussed above, soil samples may be collected as either discrete or multi-point composites using the following procedure:

Discrete Samples

Discrete samples will be collected from 0-6" bgs using a decontaminated stainless steel trowel. All sampling handling, identification, shipment, and equipment decontamination will follow IAGWSP standard operating procedures as outlined in the Draft Quality Assurance Project Plan (ECC 2003).

Multi-Point Composite Samples

Multi-Point (30-points) composite samples will be collected from 0-6" bgs over a 25'X25' area using the approach developed by ERDC/CRREL (Jenkins, et al. 2004). The grid size may be adjusted based on the results of the all-metals detector survey. Samples will be collected manually using a decontaminated stainless steel trowel or bucket auger. A systematic sampling approach will be used to collect composite samples from each feature. Care will be taken to ensure that samples are not concentrated in one portion of the sampling area. The composite samples will be collected and stored (on ice) in plastic bags. Sampling and mixing equipment will be decontaminated with acetone and de-ionized water prior to and after each use. All sampling handling, identification, shipment, and equipment decontamination will follow IAGWSP standard operating procedures as outlined in the Draft Quality Assurance Project Plan (ECC 2003).

Sample Grinding

All samples will be ground in a ring mill grinder, ball mill grinder or equivalent.

Grinding time will be dependent on the type of grinder used and will be consistent with the ERDC/CRREL process. A 30 increment 10 gram sub-sample will then be collected from the ground sample for laboratory analysis.

Sample Analysis

All soil samples collected during this investigation will be analyzed for perchlorate and explosives compounds. EPA Method 8330NX will be used for all explosive analyses. EPA Method 8321 will be used for all perchlorate analyses.

3.3 Visual Reconnaissance

The area shown in Figure 2 will be visually inspected for the presence of Materials Potentially Presenting an Explosive Hazard (MPPEH). All work will be completed by qualified UXO trained personnel in accordance with the Site Safety and Health Plan (ECC 2004a), Global UXO Work Plan (ECC 2004b), and the Draft Military Munitions Management Plan (United States Army Corps of Engineers 2004). The results of this Visual Reconnaissance will be presented to the regulatory agencies along with recommendations for any additional all-metals detector surveys/anomaly removal. The location of any UXO discovered during this reconnaissance will be surveyed and the type and condition of the item will be logged in the field notes. All UXO will be handled in accordance Draft Military Munitions Management Plan (USACE 2004).

3.4 Schedule

A Record of Action was submitted for this work on October 28, 2005. Work will begin approximately 30 days after submittal of the ROA and will be completed by December 30, 2005. Samples analysis will be completed by January 27, 2006. Data validation will be completed by February 24, 2006.

4.0 REFERENCES

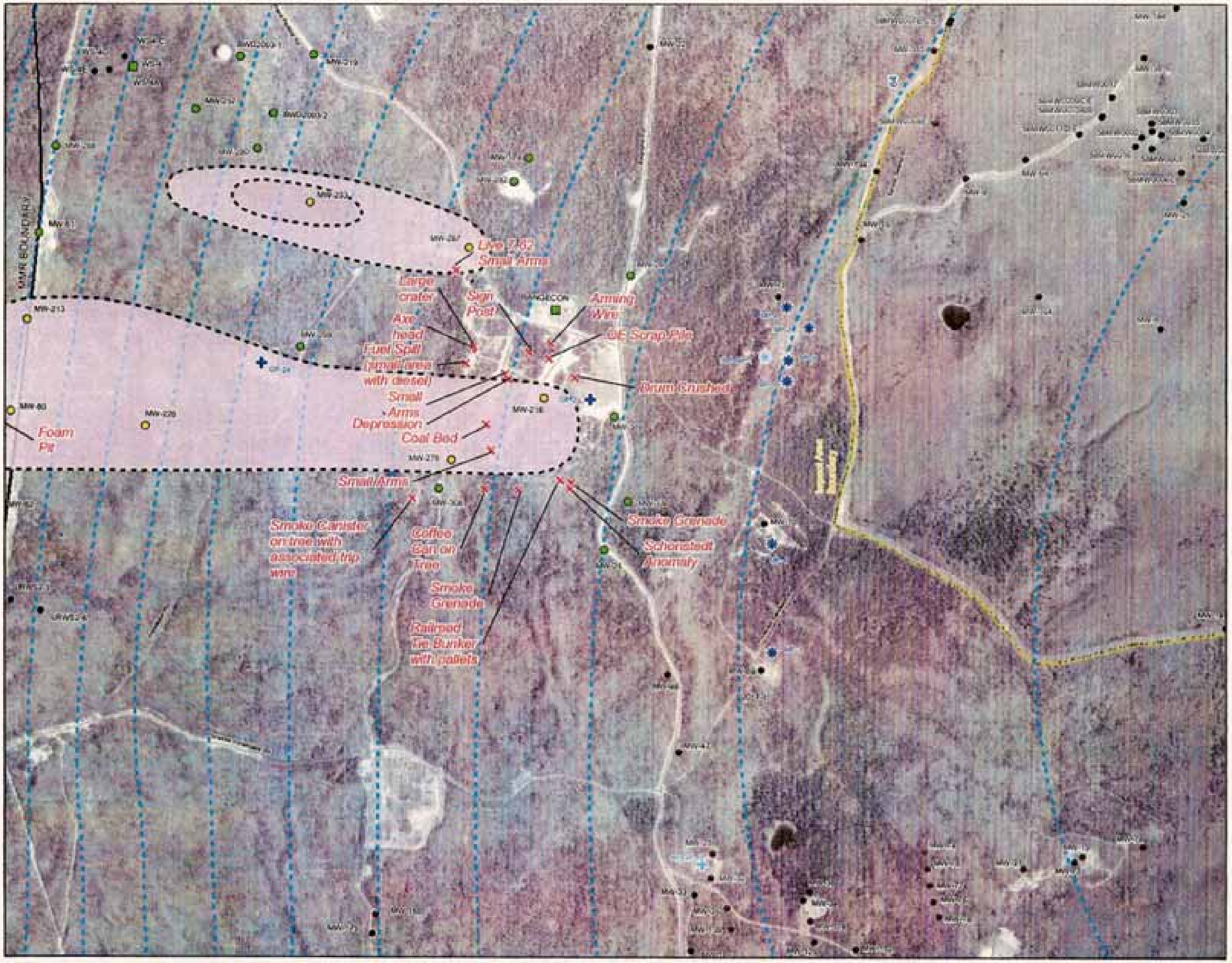
ECC 2003 (July). Draft Quality Assurance Project Plan. Prepared by ECC for the Massachusetts Army National Guard and the U.S. Army Corps of Engineers, Camp Edwards, Massachusetts.

ECC 2004a (November). Site Safety and Health Plan. Prepared by ECC for the Massachusetts Army National Guard and U.S. Army Corps of Engineers, Camp Edwards, Massachusetts.

2004b (May). Global UXO Work Plan. Prepared by ECC for the Massachusetts Army National Guard and U.S. Army Corps of Engineers, Camp Edwards, Massachusetts.

USACE 2004 (March). Draft Military Munitions Management Plan (MMMP). Prepared by the U.S. Army Corps of Engineers for the U.S. Army Impact Area Groundwater Study Program, Camp Edwards, Massachusetts.

5.0	**SIGNATURES** In accordance with EPA Administrative Order SDWA I-97-1019, Paragraph 66, this Project Note is an enforceable part of the Administrative Order upon approval by EPA. The signatures below represent concurrence with the above documentation. EPA Representative DEP Representative 13 Dec 05 IAGWSP Representative 13 DEC 05	



Impact Area Groundwater Study Program

LEGEND

LOCATION MAP

NOTES & SOURCES

TITLE

Western Boundary

0 850 Feet

DRAFT

AMEC Earth & Environmental, Inc.
Westford, Massachusetts

FIGURE 1

Contract No.	DACW33-02-D-0003
Description	Western Boundary Supplemental Investigation
Coordinate System	NAD 1983, UTM, Zone 19N in meters
Sources	MMR boundary, roads and 2002 aerial digital orthophotos provided by MA ARNG.

Date	18-NOV-2005	Rev.	Date	Approved
Drawn	J. Kim			
CB	R. Foti			
App.				

Legend DRAFT

- Visual Reconnaissance
- MMR Boundary
- Impact Area Boundary
- Roads
- Existing Well Location
- Features from 4 APR 02 Site Walk; 5 ft Radius All-Metals Survey Proposed

0 200 400 800 Feet

Figure 2 -

Title:

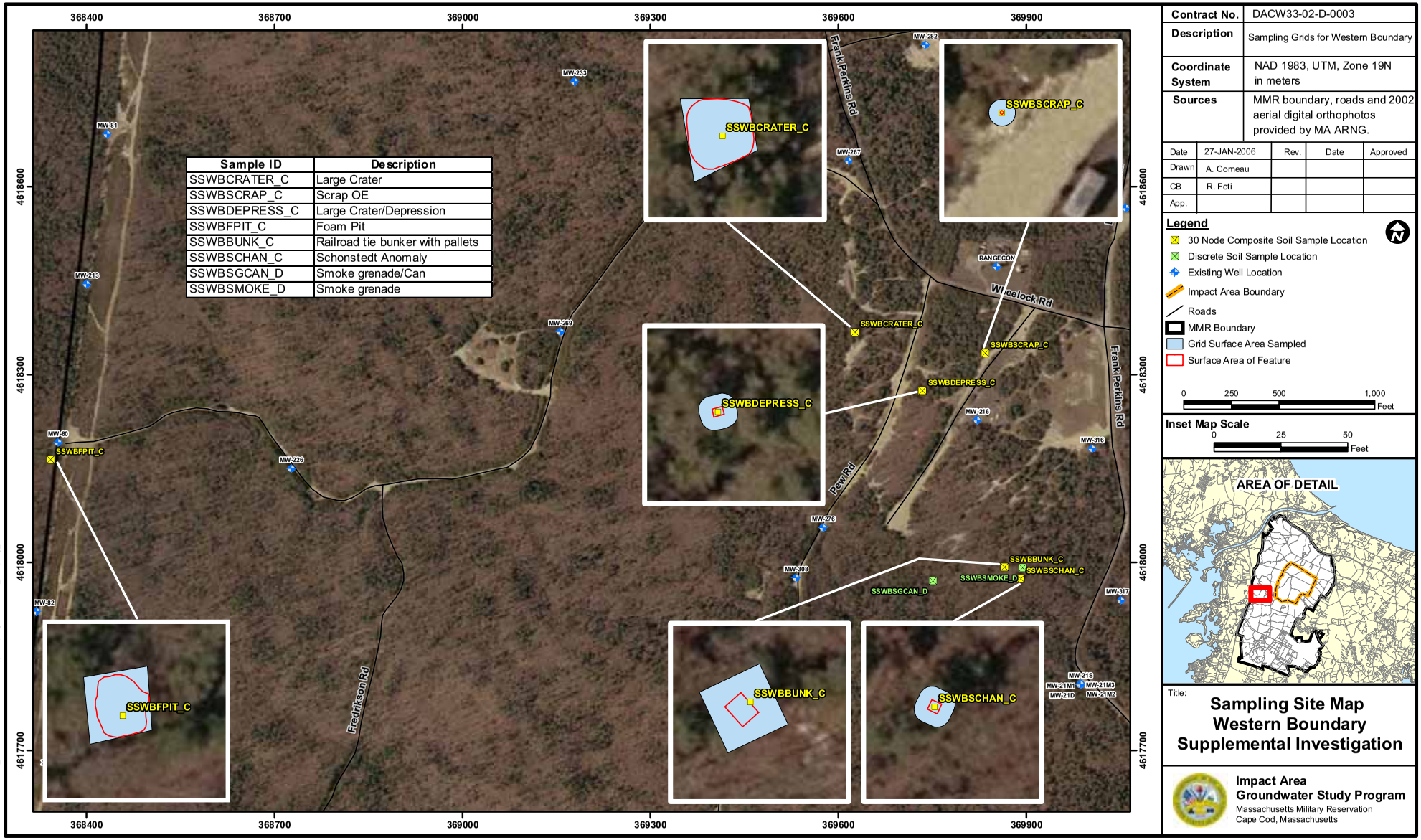
Western Boundary Supplemental Investigation

Impact Area Groundwater Study Program
Massachusetts Military Reservation
Cape Cod, Massachusetts

APPENDIX B

Supplemental Investigation Data Submittal Package

Figures



Contract No.	DACW33-02-D-0003
Description	Sampling Grids for Western Boundary
Coordinate System	NAD 1983, UTM, Zone 19N in meters
Sources	MMR boundary, roads and 2002 aerial digital orthophotos provided by MA ARNG.

Date	27-JAN-2006	Rev.	Date	Approved
Drawn	A. Comeau			
CB	R. Foti			
App.				

Legend

- 30 Node Composite Soil Sample Location
- Discrete Soil Sample Location
- Existing Well Location
- Impact Area Boundary
- Roads
- MMR Boundary
- Grid Surface Area Sampled
- Surface Area of Feature

0 250 500 1,000 Feet

Inset Map Scale

0 25 50 Feet

Title:

Sampling Site Map Western Boundary Supplemental Investigation

Impact Area Groundwater Study Program
Massachusetts Military Reservation
Cape Cod, Massachusetts

EOC GIS\C:\TERC_GIS\CT0002\WesternBoundarySampling\WestBound_Sampling_0106.mxd

CONTINUATION OF 23 DEC 05

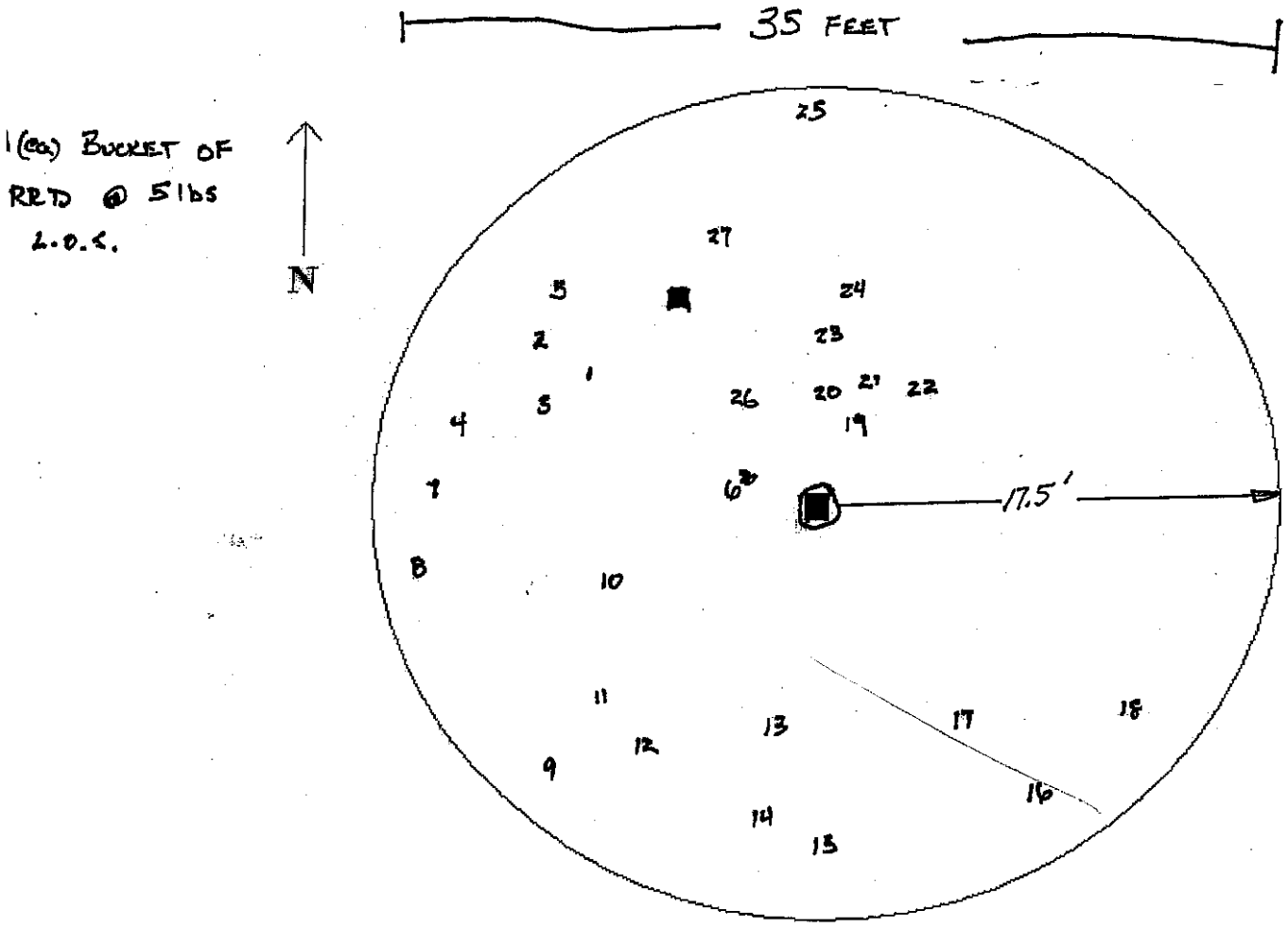
WESTERN BOUNDRY AREA DESCRIPTION

E- 369627 N-4618369

DESCRIPTION/LOCATION: LG CRATER

DATE: 12/28/05

TEAM: UXO 1 & UXO 22



(1) ALUM. CAN
(2) ALUM. CAN
(3) ALUM. CAN
(4) WIRE
(5) ALUM CAN
(6) TRASH PIT &
(7) ALM CAN
(8) GROUNDING ROD
(9) MRE TRASH
(10) WIRE
(11) ALUM CAN
(12) MRE TRASH
(13) WIRE
(14) ALUM CAN
(15) ALUM CAN
(16) BOTTLE CAP
(17) CAN PCS
(18) CAN PCS
(19) 556 BRASS
(20) CHEM LIGHT
(21) MRE TRASH
(22) METAL ROD
(23) 7.62 BRASS & METAL LID
(24) ALUM CAN
(25) COFFEE CAN
(27) 30-06 BRASS

X- SMALL INSIGNIFIGANT HITS REMAIN

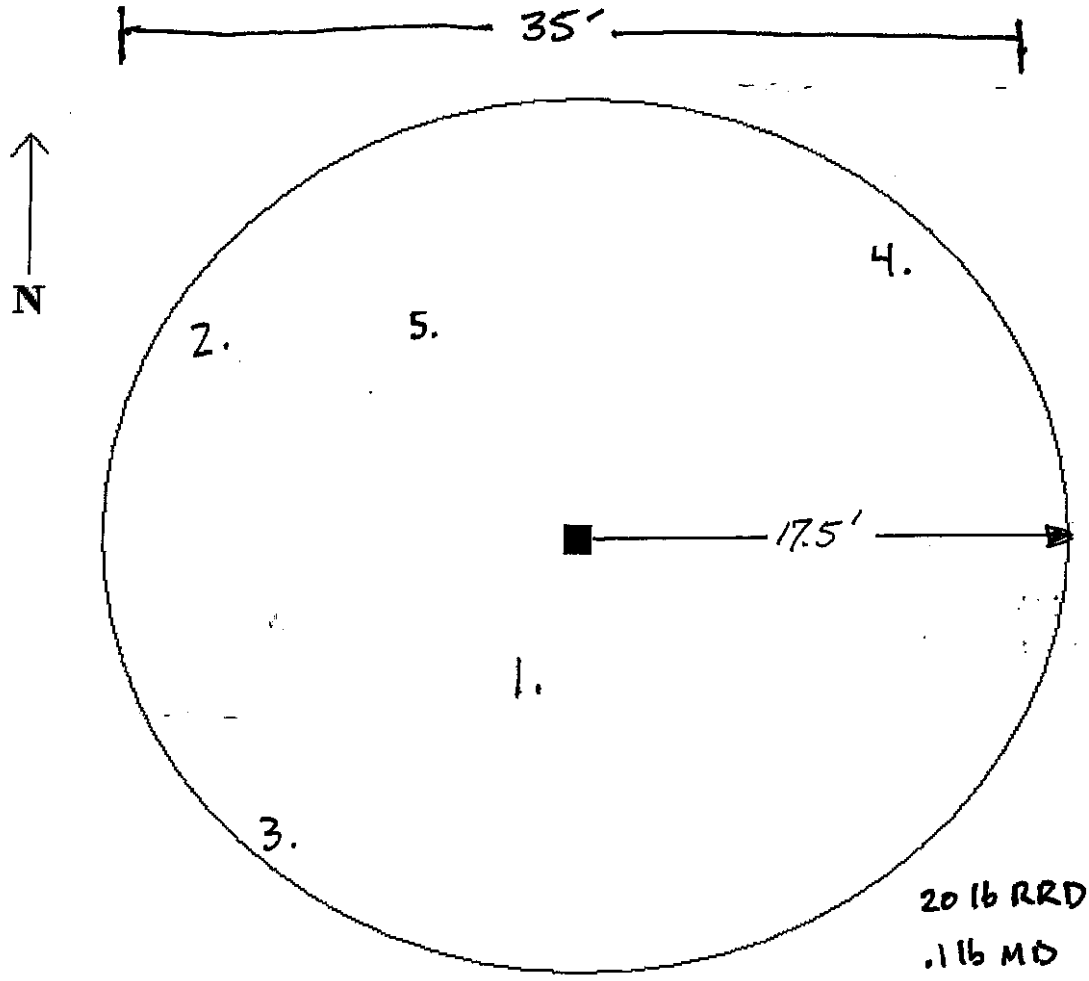
WESTERN BOUNDRY AREA DESCRIPTION

E. 369626.8 N. 4618369.05

DESCRIPTION/LOCATION: LARGE CRATER

DATE: 23 DEC 05

TEAM: 3 KENNEDY, HELMICK, RICH



1. TRASH PIT (BEER CANS, LIQUOR BOTTLES) (3" — 10", STILL GOING)
2. 7.62 SHELLS, EXPENDED (4@ 1-3", STILL GOING)
3. BOTTLE (0")
4. BOTTLE (0")
5. MRE WRAPPER (2")

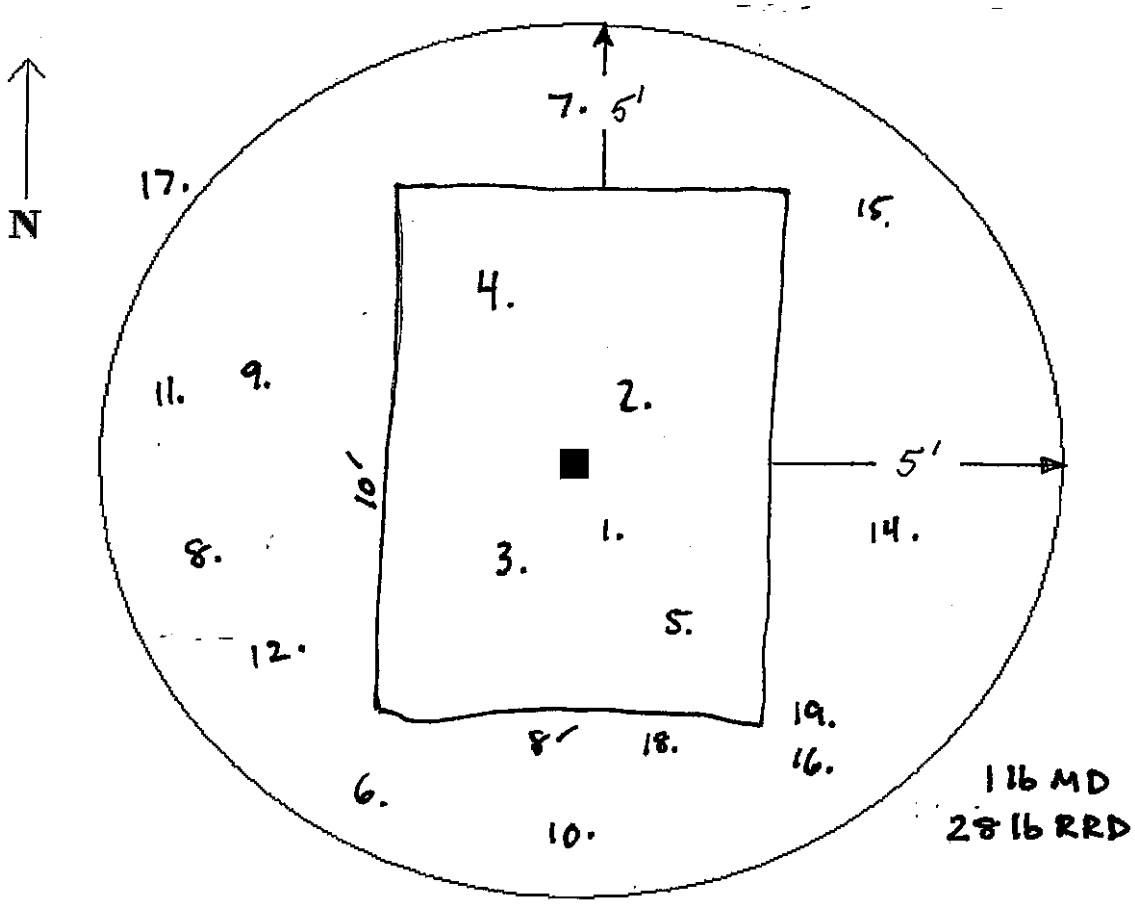
WESTERN BOUNDRY AREA DESCRIPTION

E 369865.3 N4617996.92

DESCRIPTION/LOCATION: "BUNKER"

DATE: 23 DEC 05

TEAM: 3 KENNEDY, HELMICK, RICH



1. CAN (2")
2. BEER CAN (3")
3. Comm. WIRE (2")
4. BOTTLE NECK (2")
5. MRE WRAPPER (1")
6. 5.56 BLANKS (6@ 0-1")
7. 5.56 BLANK (1@ 0")
8. 7.62 BLANKS (2@ 1")
9. 5.56 BLANKS (6@ 1-3")
10. 5.56 BLANKS (4@ 1")
11. 5.56 BLANKS (2@ 1")
12. 5.56 BLANK (2")
13. 5.56 BLANKS (3@ 1")
14. 5.56 BLANK (1")
15. 5.56 BLANK (1")
16. CAN (1")
17. 2x3' SHT METAL (12")
18. NAIL
19. 2' REBAR (10")

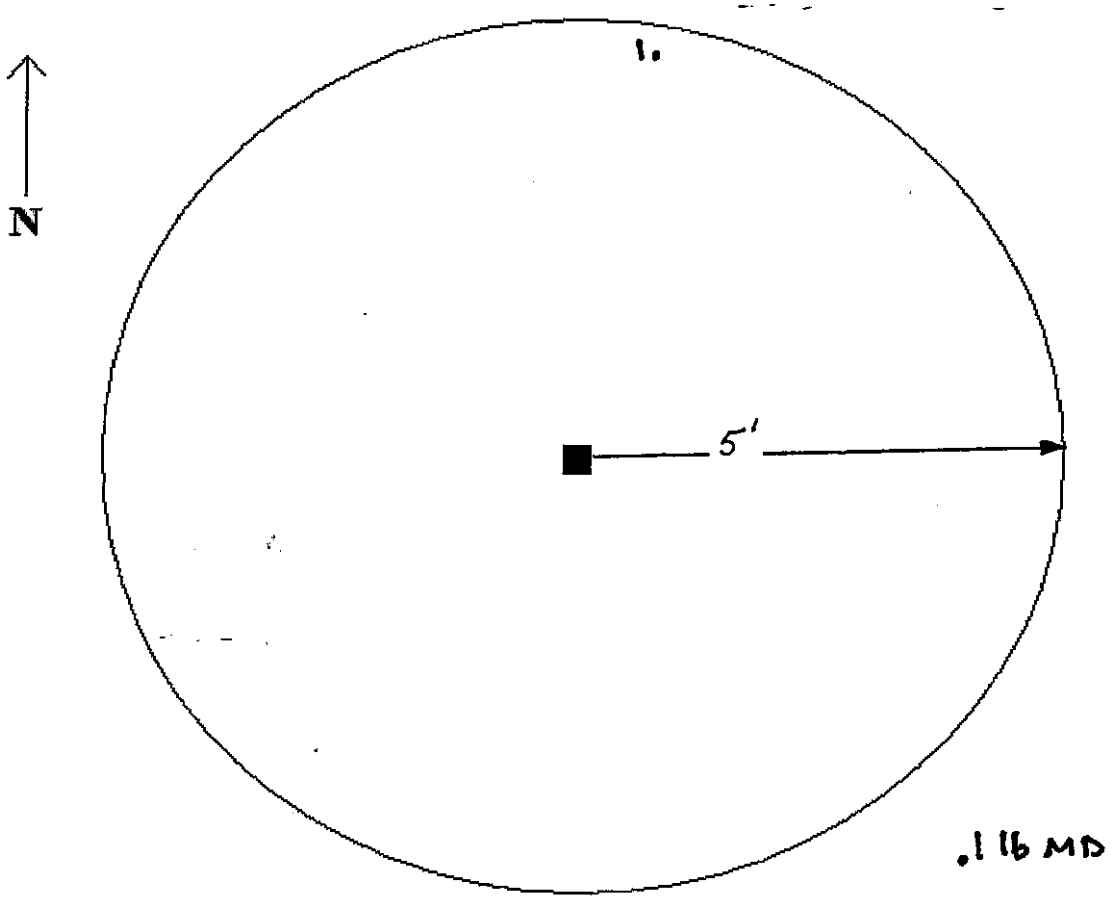
WESTERN BOUNDRY AREA DESCRIPTION

N369458.51 E4617948.14

DESCRIPTION/LOCATION: "ASP RD. SMOKE CANNISTER"

DATE: 23 DEC 05

TEAM: 3 KENNEDY / HELMICK / RICH



1. EXPENDED GRENADE FUZE (1")

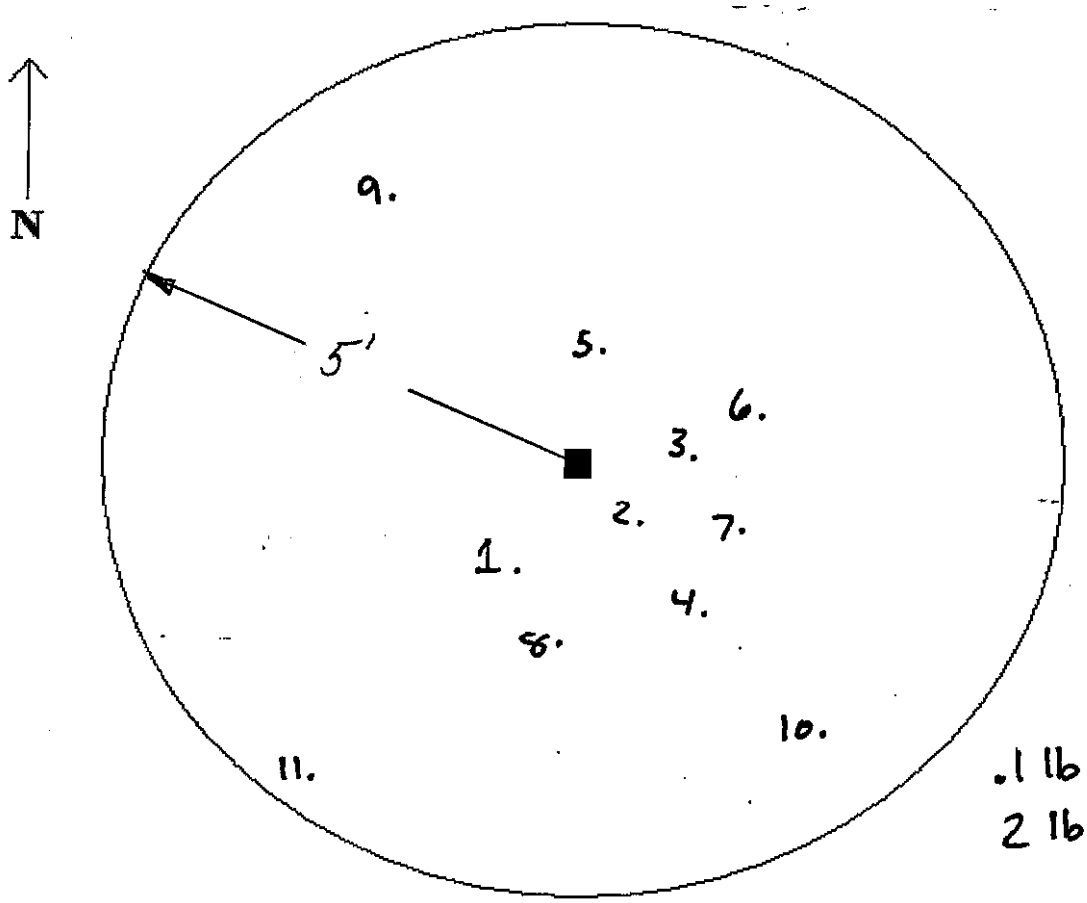
WESTERN BOUNDRY AREA DESCRIPTION

E 369724.28 N 4618278.9

DESCRIPTION/LOCATION: "LARGE CRATER / DEPRESSION"

DATE: 23 DEC 05

TEAM: 3 KENNEDY / HELMICK / RICH



1. BATTERY (3")
2. MRE TRASH (0-6")
3. D CELL BATTERY (4")
4. 5.56 BLANKS (3 @ 0-2")
5. CAN (2")
6. CAN (1")
7. 5.56 BLANKS (4 @ 0-2")
8. MRE TRASH (1")
9. 5.56 BLANK (1")
10. 5.56 BLANK (0")
11. 5.56 BLANK (1")

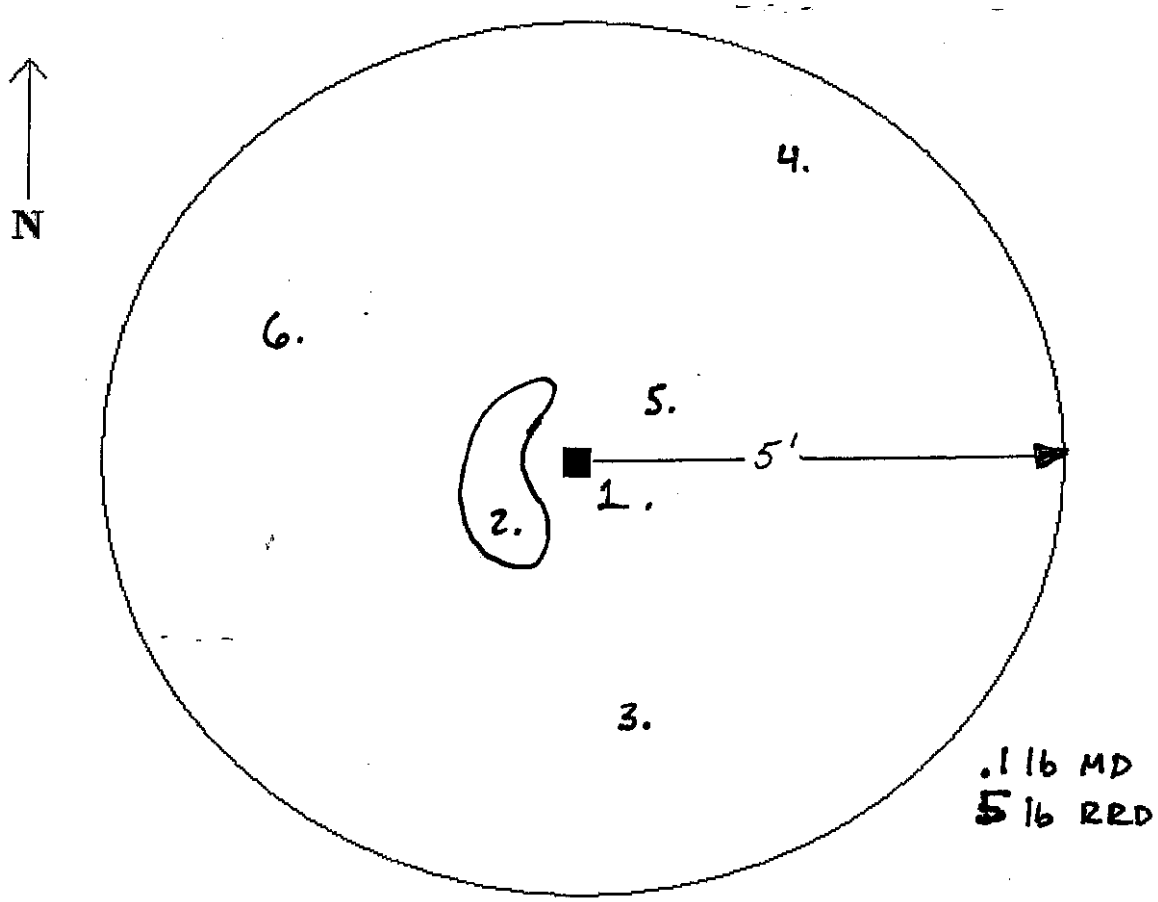
WESTERN BOUNDRY AREA DESCRIPTION

E 369891.26 N 4617974.09

DESCRIPTION/LOCATION: "SCHONSTEDTT ANOMALLY"

DATE: 23 DEC 05

TEAM: 3 KENNEDY, HELMICK, RICH



1. TRASH PIT (2" – STILL GOING)
   BEER CANS, BOTTLES, FOOD WRAPPER, BOOT INSOLE. ETC.
2. COMM. WIRE (1-3")
3. 5.56 BLANKS (3@ 1-5")
4. 5.56 BLANKS (7@ 1-3")
5. 5.56 BLANKS (2@ 1-2")
6. 5.56 BLANK (0")

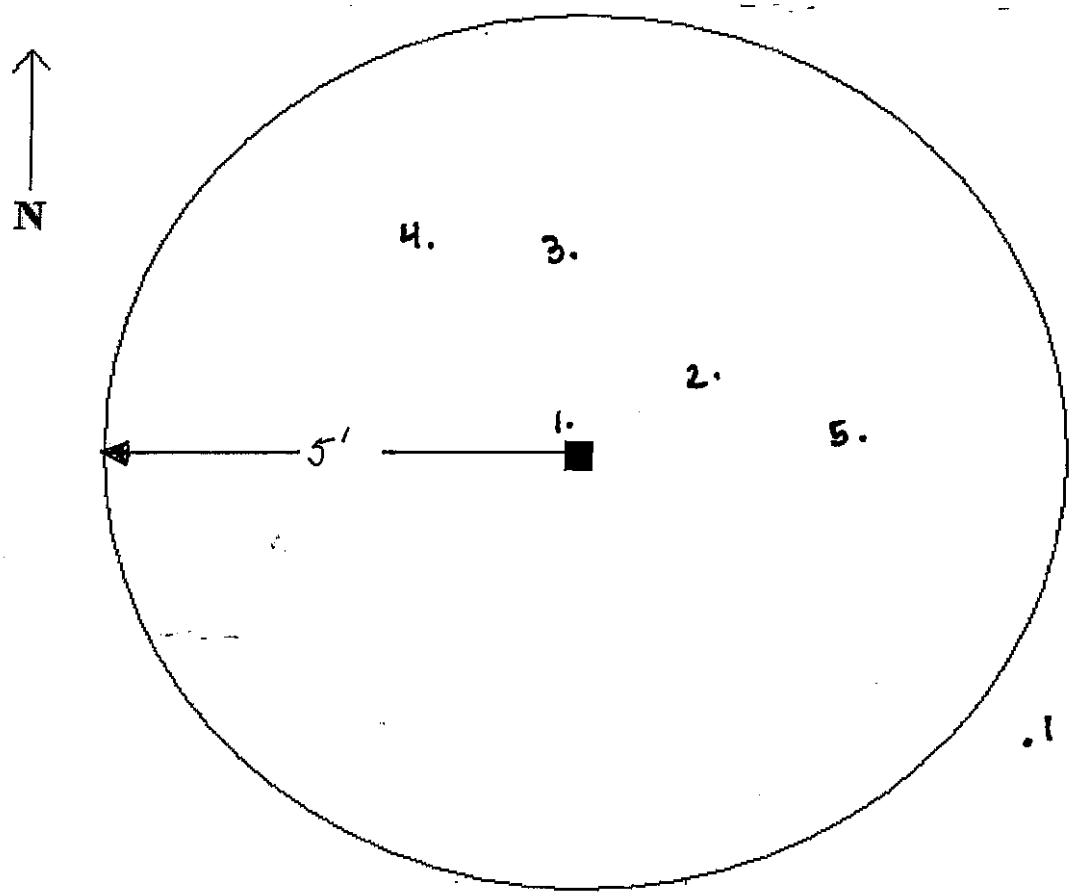
WESTERN BOUNDRY AREA DESCRIPTION

E 369657.95 N 4617972.64

DESCRIPTION/LOCATION: "COFFEE CAN IN TREE"

DATE: 22 DEC 05

TEAM: 3 KENNEDY/HELMICK



.1 16 MD

1. COFFEE CAN (LEFT IN PLACE, PART OF LAND NAV. COURSE
2. AMMO LINK (1")
3. 7.62 BLANK (2")
4. AMMO LINK (1")
5. AMMO LINK (1")

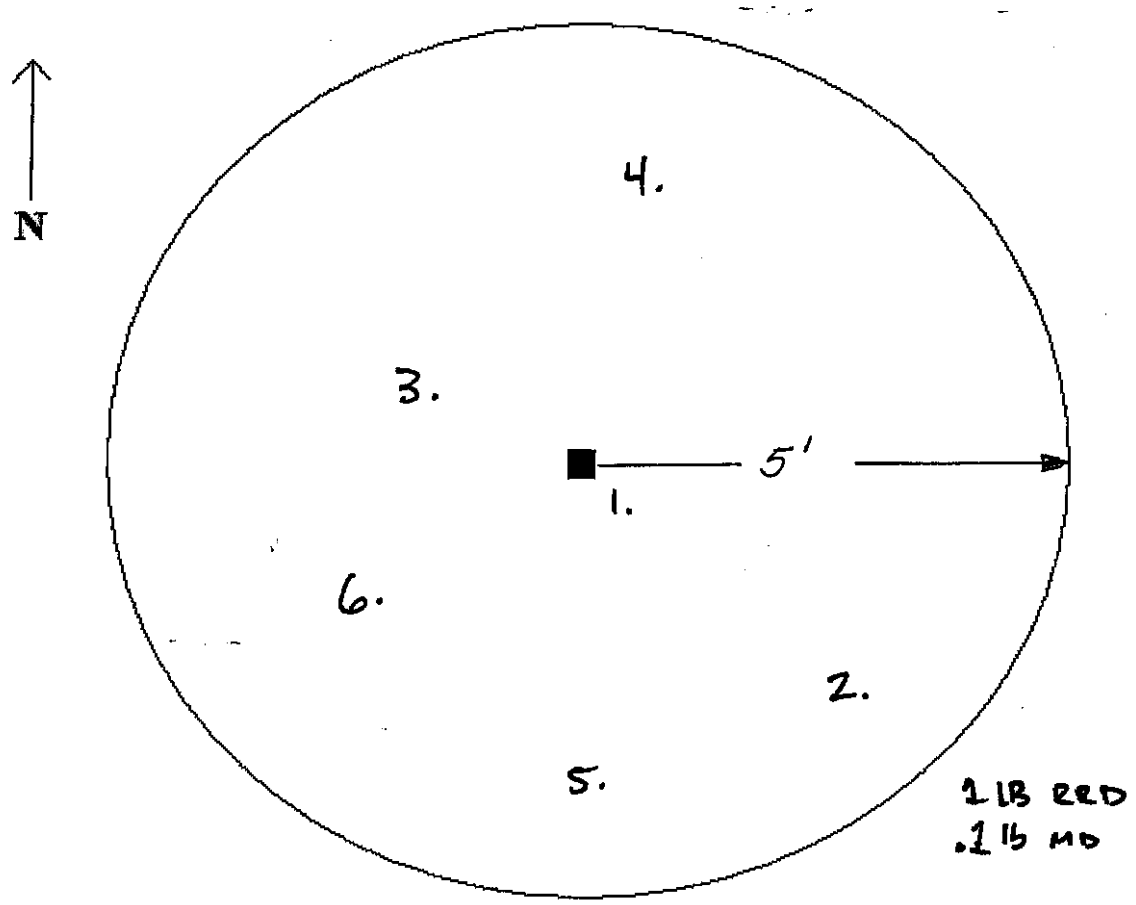
WESTERN BOUNDRY AREA DESCRIPTION

E369751.46 N4617970.87

DESCRIPTION/LOCATION: SMOKE GRENADE

DATE: 22 DEC 05

TEAM: 3 KENNEDY



1. CAN (0")
2. TENT STAKE w/ COMMS. WIRE (3")
3. MRE WRAPPER (1")
4. CAN (1")
5. 5.56 BLANK (1")
6. CAN LID (2")

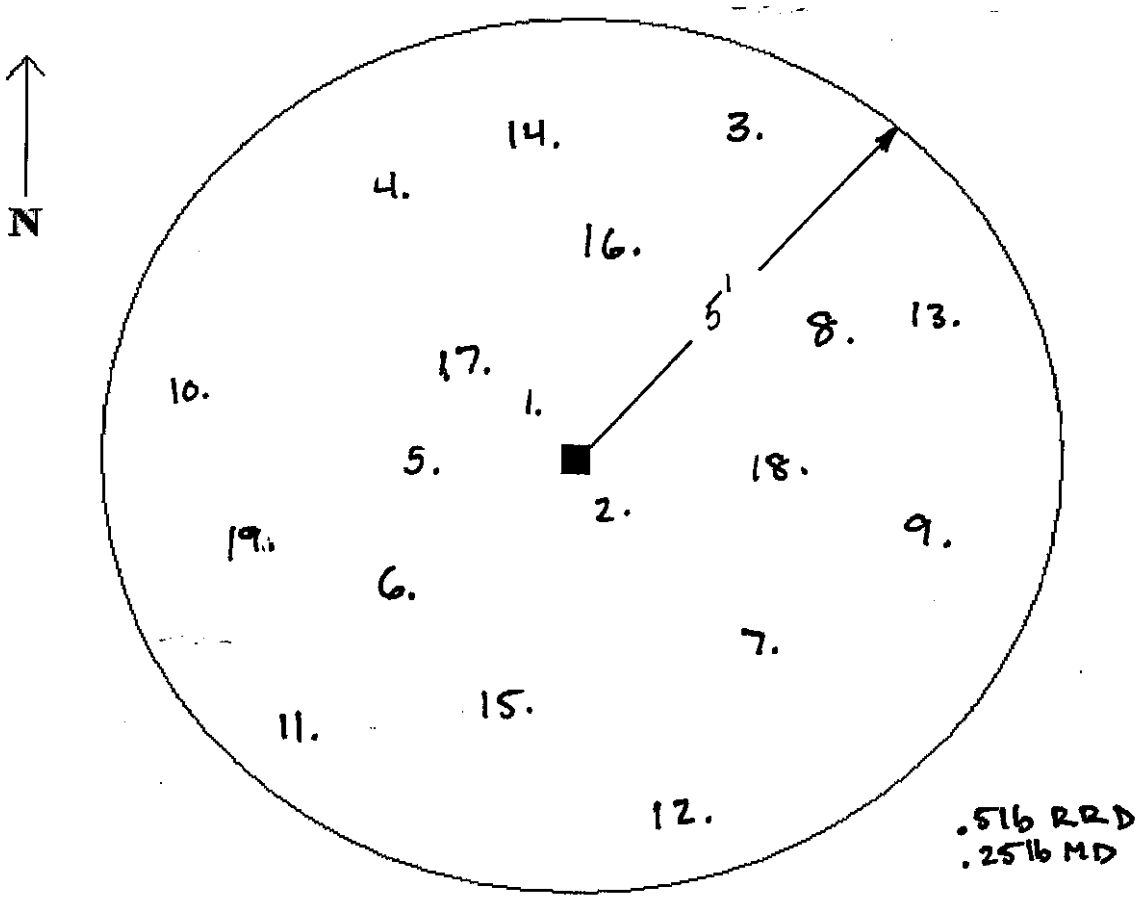
WESTERN BOUNDRY AREA DESCRIPTION

E 369662.71 N 4618153.36

DESCRIPTION/LOCATION: "COAL BED"

DATE: 22 DEC 05

TEAM: 3 KENNEDY/HELMICK



. 5.56 BLANK (0")

.. 5.56 BLANK (1")

1. PADLOCK (2")

1. 5.56 BLANK (0")

: WIRE (0")

. WIRE (0")

7. 5.56 BLANK (0")

8. 5.56 BLANK (1")

9. 5.56 BLANK (0")

10. WIRE (2")

11. 5.56 BLANK (0")

12. COMM. WIRE (0")

13. 5.56 BLANK (0")

14. 5.56 BLANK (0")

15. 5.56 BLANK (2")

16. 5.56 BLANK (8")

17. 5.56 BLANKS (3) (6")

18. 5.56 BLANK (1")

19. 5.56 BLANK (1")

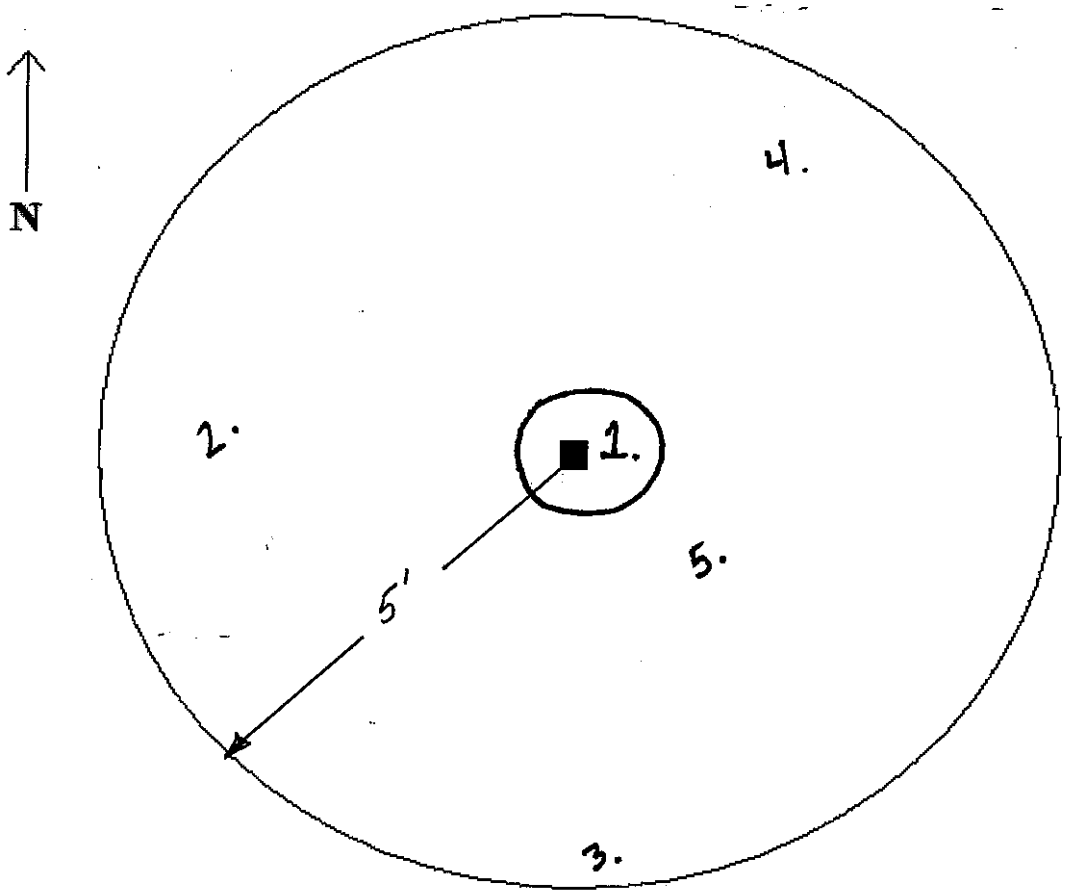
WESTERN BOUNDRY AREA DESCRIPTION

E-369904.43 N-4618283.55

DESCRIPTION/LOCATION: "DRUM"

DATE: 22 DEC 05

TEAM: 3 KENNEDY / HELMICK



1. DRUM FILLED W/ TRASH (10") 30 lb RRD
2. 1.5' METAL ROD (2")
3. BATTERY (0")
4. COMM. WIRE (1")
5. C-RAT. CAN (2")

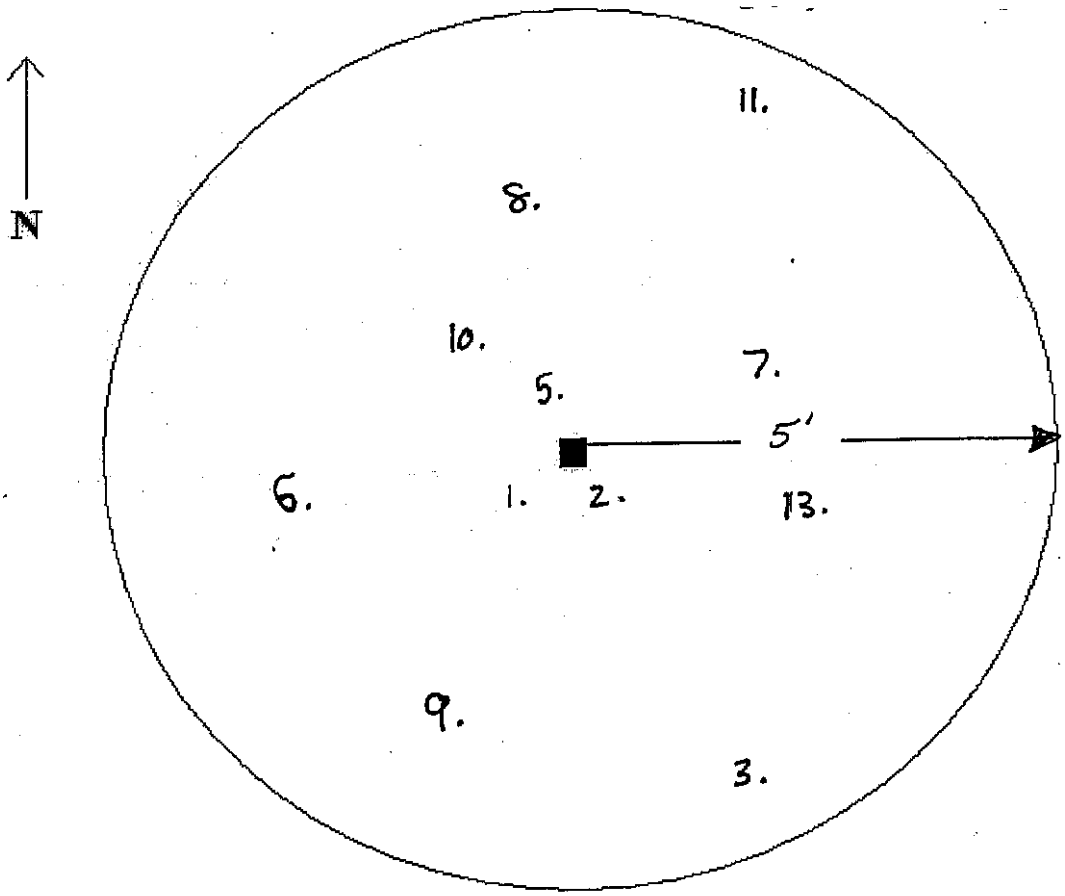
WESTERN BOUNDRY AREA DESCRIPTION

E 369833.9 N 4618386.9

DESCRIPTION/LOCATION: SCRAP PILE OE

DATE: 21 DEC 05

TEAM: B KENNEDY, HELMICK



1. 3.5 WH W/ 405 FUZE (0") INERT
2. BASE FROM 105 CASING (0")
3. 2' PIPE (1")
5. WIRE, SHT. METAL (0")
6. LAW SUBCAL, EXPENDED (1")
7. SHT. METAL (0")
8. HOOK (0")
9. CAN (0")
10. UNKNOWN ALUM. MD (0")
11. BRACKET
12. CHEMLIGHT
13. ALUM. STORM WINDOW FRAME (0")

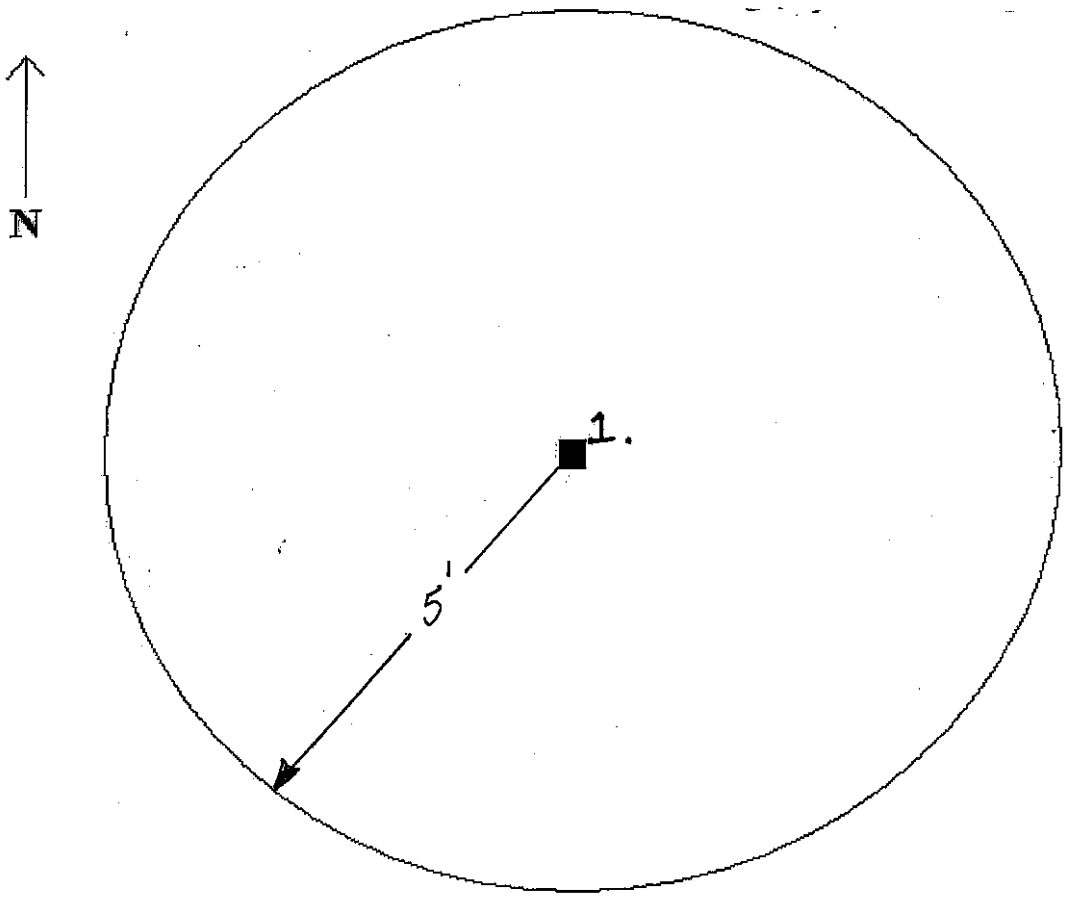
WESTERN BOUNDRY AREA DESCRIPTION

E. 369838.9 N. 4618377.76

DESCRIPTION/LOCATION: ARMING WIRE

DATE: 21 DEC 05

TEAM: 3 KENNEDY, HELMICK



1. BAILING WIRE (SURFACE)

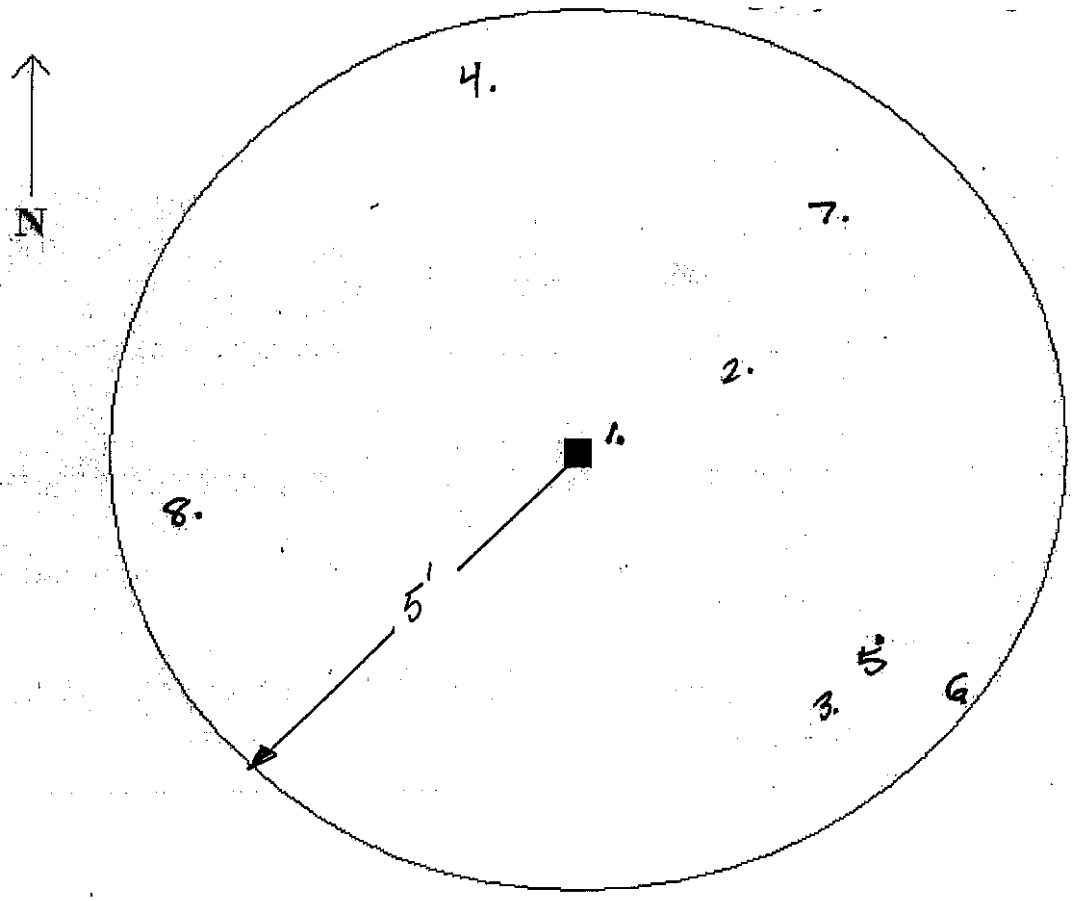
WESTERN BOUNDRY AREA DESCRIPTION

E, 369894.68 N. 4617991.63

DESCRIPTION/LOCATION: SMOKE GRENADE

DATE: 21 DEC 03

TEAM: 3 KENNEDY/HELMICK



1. SMOKE GRENADE (SURFACE)
2. SPOON (1")
3. MRE WRAPPER (1")
4. AMMO. LINK (2")
5. .556 BLANKS (2) (1-2")
6. CAN (6")
7. 5.56 BLANKS (5) 7.62 BLANKS (5) (SURF — 8")
8. AMMO LINK (3")
   5.56 BLANKS (4) @ 0" - 8"

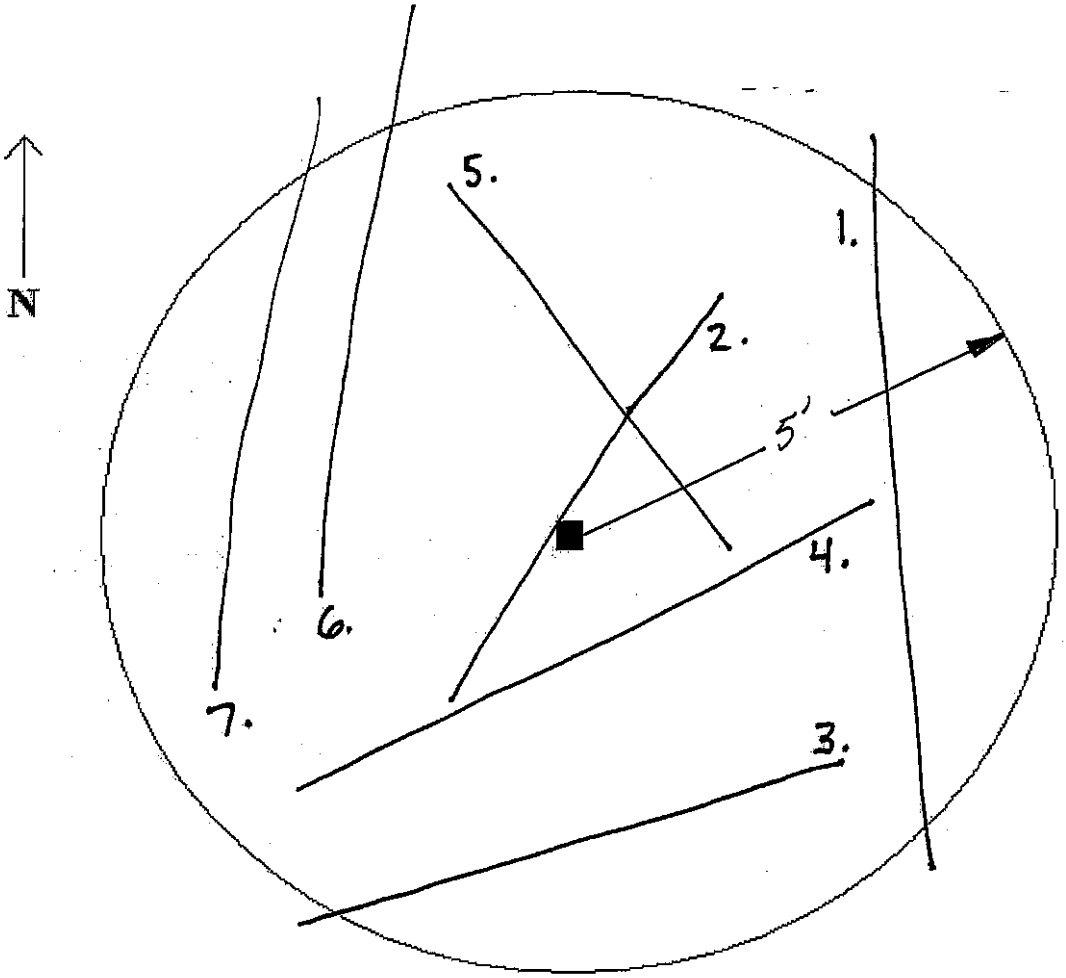
WESTERN BOUNDRY AREA DESCRIPTION

E 369780.57 N 4618352.87

DESCRIPTION/LOCATION: SIGN POST

DATE: 21 DEC 05

TEAM: 3 KENNEDY / HELMICK



1-7 ENGINEER STAKES (7) 0-3"

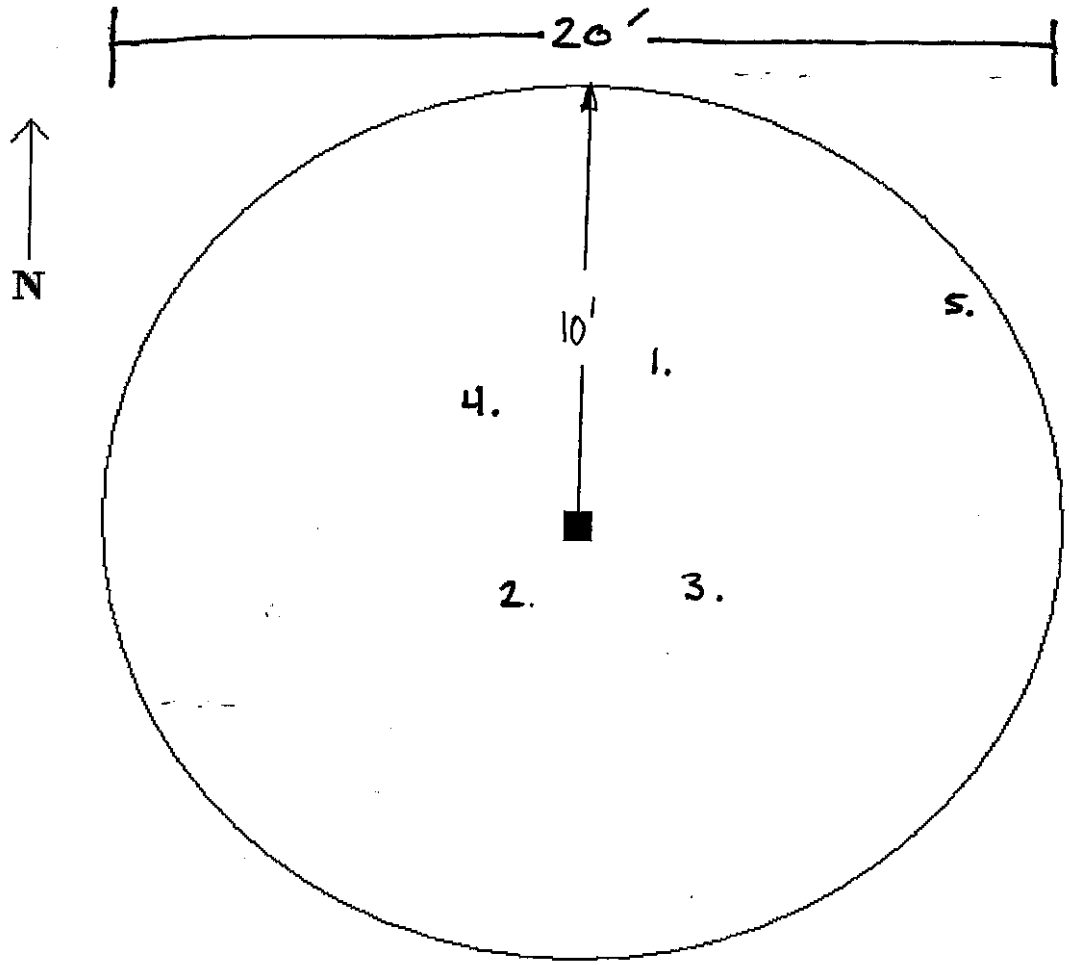
WESTERN BOUNDRY AREA DESCRIPTION

E.368337.41 N.4618158.71

DESCRIPTION/LOCATION: FOAM PIT

DATE: 22 DEC 05

TEAM: 3 HELMICK / KENNEDY



516 RRD

1. CUSHION (0")
2. CANS (0-3")
3. WOOD W/ NAILS (0-4")
4. TRASH: CANS, HANGER, PANTY HOSE, BAGS (1-10")
5. CAN (3")

Tables

Western Boundary Supplemental Investigation

Final 2 Feb 06

Table of Finds

Feature	Date Investigated	Coordinates		Items Found			Comments	Status
		Easting	Northing	MEC	MD	RRD		
Scrap Pile OE (5' Radius)	21-Dec-05	369833.9	4618336.9	None	3.5" Warhead w/ M405 fuze (inert) Base from 105mm casing Unknown Aluminum MD 66mm LAW sub cal (expended)	2' long section of pipe wire sheet metal metal hook can metal bracket chem light aluminum storm window frame	All items on surface. Items were generated during UXO clearance to support asphalt pad installation.	No additional intrusive work recommended based on items found **Collected multi-point composite sample in area where MD was discovered. Sampling node locations were adjusted to fit the five foot radius Vallon survey with a majority of the nodes concentrated in the area of the scrap pile.** Sample ID: SSWBSCRAP_C
Arming Wire (5' Radius)	21-Dec-05	369838.9	4618377.76	None	None	Bailing wire	Wire on surface	No additional intrusive work recommended based on items found. No additional sampling recommended based on items found.
Smoke Grenade (Actual) (5' Radius)	21-Dec-05	369894.68	4617991.63	None	Smoke Grenade (expended) Eleven (11) 5.56mm blanks Five (5) 7.62mm blanks	metal spoon MRE wrapper ammunition links can	All items within top 8". Feature was cleared with Schonstedt. Any large Vallon hits were cleared; remaining are believed to be indicative of small arms shell casings.	No additional intrusive work recommended. As agreed with EPA on the 22 Dec 05 site walk, remaining Vallon hits are indicative of small arms. Similar approach used at subsequently investigated features. **A discrete sample was collected under the grenade as outlined in the Project Note on 21 Dec 05.** Sample ID: SSWBSMOKE_D
Sign Post (5' Radius)	21-Dec-05	369780.57	4618352.87	None	None	Seven (7) metal engineers stakes	All items on surface	No additional intrusive work recommended based on items found No additional sampling recommended based on items found.
Foam Pit (approx. 10' Radius)	22-Dec-05	368337.41	4618158.71	None	None	sofa cushions cans wood w/nails household trash	Feature was determined to be a household trash pit. Additional items remain in the pit but no munition debris was encountered. Base and sidewalls of pit were cleared as well as perimeter outside. Other construction debris seen in area.	No additional intrusive work recommended based on items found. **Collected multi-point composite sample throughout entire pit. Sampling nodes were adjusted to fit the 10' radius of the Vallon survey with a majority of the nodes concentrated in the base and sidewalls of the foam pit.** Sample ID: SSWBFPIT_C
Coffee Can in Tree (5' Radius)	22-Dec-05	369657.95	4617972.64	None	One (1) 7.62mm blank	coffee can ammunition links	Coffee can was used as part of a NAV course and was left in place.	No additional intrusive work recommended based on items found. No additional sampling recommended based on items found.

Western Boundary Supplemental Investigation

Final 2 Feb 06

Table of Finds

Feature	Date Investigated	Coordinates		Items Found			Comments	Status
		Easting	Northing	MEC	MD	RRD		
Smoke Grenade (Can) (5' Radius)	22-Dec-05	369751.46	4617970.87	None	One (1) 5.56mm blank	can tent stake w/ comm wire MRE wrapper can lid	Unable to locate smoke grenade.	No additional intrusive work recommended based on items found. **A discrete sample was collected at this location. No other sampling is recommended based on items found.** Sample ID: SSWBSGCAN_D
Coal Bed (5' Radius)	22-Dec-05	369662.71	4618153.36	None	Sixteen (16) 5.56 blanks	pad lock wire comm wire	Minor Vallon ringoffs remain which are believed to be indicative of blanks being found	No additional intrusive work recommended based on the items found. No additional sampling recommended based on items found.
Crushed Drum (5' Radius)	22-Dec-05	369904.43	4618283.55	None	None	rusted drum with trash 1.5' metal rod battery comm wire C-rat can	Feature is a trash pit.	No additional intrusive work recommended based on items found. No additional sampling recommended based on items found.
Axe Head (5' Radius)	22-Dec-05	369622.94	4618362.17	None	None	None	Unable to locate axe head at coordinates. Crew swept the area regardless and had no finds.	No additional intrusive work recommended based on items found. No additional sampling recommended based on items found.
Large Crater (approx. 17.5' Radius)	23-Dec-05	369626.8	4618369.05	None	Four (4) 7.62mm shell casings	trash (beer cans, liquor bottles) MRE wrapper	Feature is a trash pit; crew stopped after digging down approximately 12" as they continued to encounter more of the same items. Also, still had minor Vallon ringoffs which are believed to be indicative of the shell casings being found.	No additional intrusive work recommended; trash pit with expended shell casings. **Collected multi-point composite sample in entire pit.** Sample ID: SSWBCRATER_C
ASP Rd. Smoke Canister (5' Radius)	23-Dec-05	369458.51	4617948.14	None	One (1) expended grenade fuze	None	Only item found	No additional intrusive work recommended based on items found. No additional sampling recommended based on items found
Schonstedt Anomaly (5' Radius)	23-Dec-05	369891.26	4617974.09	None	Thirteen (13) 5.56mm blanks	trash pit (beer cans, bottles, boot insole, food wrappers) comm wire	Minor Vallon ringoffs remain which are believed to be indicative of shell casings being found	No additional intrusive work recommended; trash pit with expended shell casings. **Collected multi-point composite sample throughout anomaly area. Sampling node locations were adjusted to fit the five foot radius Vallon survey with a majority of the nodes concentrated in the area of the Schonstedt anomaly.** Sample ID: SSWBSCHAN_C

Western Boundary Supplemental Investigation

Final 2 Feb 06

Table of Finds

Feature	Date Investigated	Coordinates		Items Found			Comments	Status
		Easting	Northing	MEC	MD	RRD		
Depression (5' Radius)	23-Dec-05	369724.28	4618278.9	None	Eleven (11) 5.56mm blanks One (1) 7.62mm blank One (1) 30-06 blank	batteries (D cell) MRE trash cans, bottles comm wire	Feature is a trash pit. Minor Vallon ringoffs remain which area believed to be indicative of the shell casings being found.	No additional intrusive work recommended based on items found. **Collected multi-point composite sample throughout entire pit. Sampling node locations were adjusted to fit the five foot radius Vallon survey with a majority of the nodes concentrated in the area of the Depression.** Sample ID: SSWBDEPRESS_C
Bunker (10' Radius)	23-Dec-05	369865.3	4617996.92	None	Twenty-six (26) 5.56mm blanks Two (2 7.62mm blanks)	cans, bottles comm wire 2' x 3' sheet metal nail 2' long rebar	Feature is a temporary field ASP constructed of cut up utility poles. The area surrounding the bunker is littered with expended small arm ammunition. Excavation inside the bunker revealed trash and comm wire only. Minor Vallon ringoffs remain which are believed to be indicative of the shell casings being found.	No additional intrusive work recommended based on items found. **Collected multi-point composite sample throughout bunker** Sample ID: SSWBBUNK_C
Visual Reconn Area (approx. 20' x 500')	5-Dec-05	369894.68 to 369751.46	4617991.63 to 4617970.87	None	Expended smoke grenade (see description above)	comm wire metal banding cable glass bottle can	Area is a bivouac/training area as evidenced by the foxholes, fighting positions, and trails.	No additional work is recommended based on the items found on the reconn.

ECC

Western Boundary Soil Sample Results

Location	Sample ID	Date	Test	Matrix	Analyte	Result (µg/Kg)	Qual	Validation Qualifier Code	DL (µg/Kg)	RL (µg/Kg)	Units
SSWB001	SSWBSMOKE_D	12/21/2005	E331.0	DISCRETE	PERCHLORATE	1.3			0.24	0.88	ug/Kg
SSWB001	SSWBSMOKE_D	12/21/2005	SW8330	DISCRETE	1,3,5-TRINITROBENZENE	ND	U		26	120	ug/Kg
SSWB001	SSWBSMOKE_D	12/21/2005	SW8330	DISCRETE	1,3-DINITROBENZENE	ND	U		13	120	ug/Kg
SSWB001	SSWBSMOKE_D	12/21/2005	SW8330	DISCRETE	2,4,6-TRINITROTOLUENE	ND	U		10	120	ug/Kg
SSWB001	SSWBSMOKE_D	12/21/2005	SW8330	DISCRETE	2,4-DIAMINO-6-NITROTOLUENE	ND	U		19	120	ug/Kg
SSWB001	SSWBSMOKE_D	12/21/2005	SW8330	DISCRETE	2,4-DINITROTOLUENE	ND	U		22	120	ug/Kg
SSWB001	SSWBSMOKE_D	12/21/2005	SW8330	DISCRETE	2,6-DIAMINO-4-NITROTOLUENE	ND	U		48	250	ug/Kg
SSWB001	SSWBSMOKE_D	12/21/2005	SW8330	DISCRETE	2,6-DINITROTOLUENE	ND	U		22	120	ug/Kg
SSWB001	SSWBSMOKE_D	12/21/2005	SW8330	DISCRETE	2-AMINO-4,6-DINITROTOLUENE	ND	U		13	120	ug/Kg
SSWB001	SSWBSMOKE_D	12/21/2005	SW8330	DISCRETE	2-NITROTOLUENE	ND	U		22	120	ug/Kg
SSWB001	SSWBSMOKE_D	12/21/2005	SW8330	DISCRETE	3-NITROTOLUENE	ND	U		12	120	ug/Kg
SSWB001	SSWBSMOKE_D	12/21/2005	SW8330	DISCRETE	4-AMINO-2,6-DINITROTOLUENE	ND	U		10	120	ug/Kg
SSWB001	SSWBSMOKE_D	12/21/2005	SW8330	DISCRETE	4-NITROTOLUENE	ND	U		42	120	ug/Kg
SSWB001	SSWBSMOKE_D	12/21/2005	SW8330	DISCRETE	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	ND	U		20	120	ug/Kg
SSWB001	SSWBSMOKE_D	12/21/2005	SW8330	DISCRETE	NITROBENZENE	ND	U		17	120	ug/Kg
SSWB001	SSWBSMOKE_D	12/21/2005	SW8330	DISCRETE	NITROGLYCERIN	ND	U		980	2500	ug/Kg
SSWB001	SSWBSMOKE_D	12/21/2005	SW8330	DISCRETE	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE	ND	U		18	120	ug/Kg
SSWB001	SSWBSMOKE_D	12/21/2005	SW8330	DISCRETE	PENTAERYTHRITOL TETRANITRATE	ND	U		1800	5000	ug/Kg
SSWB001	SSWBSMOKE_D	12/21/2005	SW8330	DISCRETE	PICRIC ACID	ND	U		27	120	ug/Kg
SSWB001	SSWBSMOKE_D	12/21/2005	SW8330	DISCRETE	TETRYL	ND	U		36	120	ug/Kg
SSWB002	SSWBSCRAP_C	1/6/2006	E331.0	COMPOSITE	PERCHLORATE	ND	U		0.24	0.8	ug/Kg
SSWB002	SSWBSCRAP_C	1/6/2006	SW8330 (LOW)	COMPOSITE	1,3,5-TRINITROBENZENE	ND	U		2.2	13	ug/Kg
SSWB002	SSWBSCRAP_C	1/6/2006	SW8330 (LOW)	COMPOSITE	1,3-DINITROBENZENE	ND	U		28	28	ug/Kg
SSWB002	SSWBSCRAP_C	1/6/2006	SW8330 (LOW)	COMPOSITE	2,4,6-TRINITROTOLUENE	ND	U		3.6	13	ug/Kg
SSWB002	SSWBSCRAP_C	1/6/2006	SW8330 (LOW)	COMPOSITE	2,4-DIAMINO-6-NITROTOLUENE	ND	U		12	13	ug/Kg
SSWB002	SSWBSCRAP_C	1/6/2006	SW8330 (LOW)	COMPOSITE	2,4-DINITROTOLUENE	ND	U		3.6	13	ug/Kg
SSWB002	SSWBSCRAP_C	1/6/2006	SW8330 (LOW)	COMPOSITE	2,6-DIAMINO-4-NITROTOLUENE	ND	U		2.5	27	ug/Kg
SSWB002	SSWBSCRAP_C	1/6/2006	SW8330 (LOW)	COMPOSITE	2,6-DINITROTOLUENE	ND	U		2.2	13	ug/Kg
SSWB002	SSWBSCRAP_C	1/6/2006	SW8330 (LOW)	COMPOSITE	2-AMINO-4,6-DINITROTOLUENE	ND	U		1.4	13	ug/Kg
SSWB002	SSWBSCRAP_C	1/6/2006	SW8330 (LOW)	COMPOSITE	2-NITROTOLUENE	ND	U	Y	23	23	ug/Kg
SSWB002	SSWBSCRAP_C	1/6/2006	SW8330 (LOW)	COMPOSITE	3-NITROTOLUENE	ND	U	Y	18	18	ug/Kg
SSWB002	SSWBSCRAP_C	1/6/2006	SW8330 (LOW)	COMPOSITE	4-AMINO-2,6-DINITROTOLUENE	ND	U		2.3	13	ug/Kg
SSWB002	SSWBSCRAP_C	1/6/2006	SW8330 (LOW)	COMPOSITE	4-NITROTOLUENE	ND	U		17	17	ug/Kg
SSWB002	SSWBSCRAP_C	1/6/2006	SW8330 (LOW)	COMPOSITE	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	ND	U		4.8	13	ug/Kg
SSWB002	SSWBSCRAP_C	1/6/2006	SW8330 (LOW)	COMPOSITE	NITROBENZENE	ND	U		5.7	13	ug/Kg
SSWB002	SSWBSCRAP_C	1/6/2006	SW8330 (LOW)	COMPOSITE	NITROGLYCERIN	ND	U	Y	770	770	ug/Kg
SSWB002	SSWBSCRAP_C	1/6/2006	SW8330 (LOW)	COMPOSITE	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE	ND	U		3.7	13	ug/Kg
SSWB002	SSWBSCRAP_C	1/6/2006	SW8330 (LOW)	COMPOSITE	PENTAERYTHRITOL TETRANITRATE	ND	U		97	530	ug/Kg
SSWB002	SSWBSCRAP_C	1/6/2006	SW8330 (LOW)	COMPOSITE	PICRIC ACID	ND	U		3.3	13	ug/Kg
SSWB002	SSWBSCRAP_C	1/6/2006	SW8330 (LOW)	COMPOSITE	TETRYL	ND	U		1.3	13	ug/Kg
SSWB003	SSWBFPIT_C	1/6/2006	E331.0	COMPOSITE	PERCHLORATE	ND	U		0.24	0.8	ug/Kg
SSWB003	SSWBFPIT_C	1/6/2006	SW8330 (LOW)	COMPOSITE	1,3,5-TRINITROBENZENE	ND	U		2.2	13	ug/Kg
SSWB003	SSWBFPIT_C	1/6/2006	SW8330 (LOW)	COMPOSITE	1,3-DINITROBENZENE	ND	U		28	28	ug/Kg

Western Boundary Soil Sample Results

Location	Sample ID	Date	Test	Matrix	Analyte	Result (µg/Kg)	Qual	Validation Qualifier Code	DL (µg/Kg)	RL (µg/Kg)	Units
SSWB003	SSWBFPIT_C	1/6/2006	SW8330 (LOW)	COMPOSITE	2,4,6-TRINITROTOLUENE	ND	U		3.6	13	ug/Kg
SSWB003	SSWBFPIT_C	1/6/2006	SW8330 (LOW)	COMPOSITE	2,4-DIAMINO-6-NITROTOLUENE	ND	U		12	13	ug/Kg
SSWB003	SSWBFPIT_C	1/6/2006	SW8330 (LOW)	COMPOSITE	2,4-DINITROTOLUENE	ND	U		3.6	13	ug/Kg
SSWB003	SSWBFPIT_C	1/6/2006	SW8330 (LOW)	COMPOSITE	2,6-DIAMINO-4-NITROTOLUENE	ND	U		2.5	27	ug/Kg
SSWB003	SSWBFPIT_C	1/6/2006	SW8330 (LOW)	COMPOSITE	2,6-DINITROTOLUENE	ND	U		2.2	13	ug/Kg
SSWB003	SSWBFPIT_C	1/6/2006	SW8330 (LOW)	COMPOSITE	2-AMINO-4,6-DINITROTOLUENE	ND	U		1.4	13	ug/Kg
SSWB003	SSWBFPIT_C	1/6/2006	SW8330 (LOW)	COMPOSITE	2-NITROTOLUENE	ND	U	Y	29	29	ug/Kg
SSWB003	SSWBFPIT_C	1/6/2006	SW8330 (LOW)	COMPOSITE	3-NITROTOLUENE	ND	U		17	17	ug/Kg
SSWB003	SSWBFPIT_C	1/6/2006	SW8330 (LOW)	COMPOSITE	4-AMINO-2,6-DINITROTOLUENE	ND	U		2.3	13	ug/Kg
SSWB003	SSWBFPIT_C	1/6/2006	SW8330 (LOW)	COMPOSITE	4-NITROTOLUENE	ND	U		17	17	ug/Kg
SSWB003	SSWBFPIT_C	1/6/2006	SW8330 (LOW)	COMPOSITE	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	ND	U		4.8	13	ug/Kg
SSWB003	SSWBFPIT_C	1/6/2006	SW8330 (LOW)	COMPOSITE	NITROBENZENE	ND	U		5.7	13	ug/Kg
SSWB003	SSWBFPIT_C	1/6/2006	SW8330 (LOW)	COMPOSITE	NITROGLYCERIN	ND	U	Y	630	630	ug/Kg
SSWB003	SSWBFPIT_C	1/6/2006	SW8330 (LOW)	COMPOSITE	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE	ND	U		3.7	13	ug/Kg
SSWB003	SSWBFPIT_C	1/6/2006	SW8330 (LOW)	COMPOSITE	PENTAERYTHRITOL TETRANITRATE	ND	U		97	530	ug/Kg
SSWB003	SSWBFPIT_C	1/6/2006	SW8330 (LOW)	COMPOSITE	PICRIC ACID	ND	U		3.3	13	ug/Kg
SSWB003	SSWBFPIT_C	1/6/2006	SW8330 (LOW)	COMPOSITE	TETRYL	ND	U		1900	1900	ug/Kg
SSWB004	SSWBCRATER_C	1/5/2006	E331.0	COMPOSITE	PERCHLORATE	ND	U		0.33	0.8	ug/Kg
SSWB004	SSWBCRATER_C	1/5/2006	SW8330 (LOW)	COMPOSITE	1,3,5-TRINITROBENZENE	ND	U		2.2	13	ug/Kg
SSWB004	SSWBCRATER_C	1/5/2006	SW8330 (LOW)	COMPOSITE	1,3-DINITROBENZENE	ND	U		28	28	ug/Kg
SSWB004	SSWBCRATER_C	1/5/2006	SW8330 (LOW)	COMPOSITE	2,4,6-TRINITROTOLUENE	ND	U		3.6	13	ug/Kg
SSWB004	SSWBCRATER_C	1/5/2006	SW8330 (LOW)	COMPOSITE	2,4-DIAMINO-6-NITROTOLUENE	ND	U		12	13	ug/Kg
SSWB004	SSWBCRATER_C	1/5/2006	SW8330 (LOW)	COMPOSITE	2,4-DINITROTOLUENE	ND	U		3.6	13	ug/Kg
SSWB004	SSWBCRATER_C	1/5/2006	SW8330 (LOW)	COMPOSITE	2,6-DIAMINO-4-NITROTOLUENE	ND	U		2.5	27	ug/Kg
SSWB004	SSWBCRATER_C	1/5/2006	SW8330 (LOW)	COMPOSITE	2,6-DINITROTOLUENE	ND	U		2.2	13	ug/Kg
SSWB004	SSWBCRATER_C	1/5/2006	SW8330 (LOW)	COMPOSITE	2-AMINO-4,6-DINITROTOLUENE	ND	U		1.4	13	ug/Kg
SSWB004	SSWBCRATER_C	1/5/2006	SW8330 (LOW)	COMPOSITE	2-NITROTOLUENE	ND	U		42	42	ug/Kg
SSWB004	SSWBCRATER_C	1/5/2006	SW8330 (LOW)	COMPOSITE	3-NITROTOLUENE	ND	U		17	17	ug/Kg
SSWB004	SSWBCRATER_C	1/5/2006	SW8330 (LOW)	COMPOSITE	4-AMINO-2,6-DINITROTOLUENE	ND	U	Y	15	15	ug/Kg
SSWB004	SSWBCRATER_C	1/5/2006	SW8330 (LOW)	COMPOSITE	4-NITROTOLUENE	ND	U	Y	25	25	ug/Kg
SSWB004	SSWBCRATER_C	1/5/2006	SW8330 (LOW)	COMPOSITE	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	ND	U		4.8	13	ug/Kg
SSWB004	SSWBCRATER_C	1/5/2006	SW8330 (LOW)	COMPOSITE	NITROBENZENE	ND	U	Y	310	310	ug/Kg
SSWB004	SSWBCRATER_C	1/5/2006	SW8330 (LOW)	COMPOSITE	NITROGLYCERIN	ND	U	Y	1400	1400	ug/Kg
SSWB004	SSWBCRATER_C	1/5/2006	SW8330 (LOW)	COMPOSITE	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE	ND	U		3.7	13	ug/Kg
SSWB004	SSWBCRATER_C	1/5/2006	SW8330 (LOW)	COMPOSITE	PENTAERYTHRITOL TETRANITRATE	ND	U		97	530	ug/Kg
SSWB004	SSWBCRATER_C	1/5/2006	SW8330 (LOW)	COMPOSITE	PICRIC ACID	ND	U		3.3	13	ug/Kg
SSWB004	SSWBCRATER_C	1/5/2006	SW8330 (LOW)	COMPOSITE	TETRYL	ND	U		1.3	13	ug/Kg
SSWB005	SSWBSCHAN_C	1/6/2006	E331.0	COMPOSITE	PERCHLORATE	ND	U		0.24	0.8	ug/Kg
SSWB005	SSWBSCHAN_C	1/6/2006	SW8330 (LOW)	COMPOSITE	1,3,5-TRINITROBENZENE	ND	U		2.2	13	ug/Kg
SSWB005	SSWBSCHAN_C	1/6/2006	SW8330 (LOW)	COMPOSITE	1,3-DINITROBENZENE	ND	U		28	28	ug/Kg
SSWB005	SSWBSCHAN_C	1/6/2006	SW8330 (LOW)	COMPOSITE	2,4,6-TRINITROTOLUENE	ND	U	Y	20	20	ug/Kg
SSWB005	SSWBSCHAN_C	1/6/2006	SW8330 (LOW)	COMPOSITE	2,4-DIAMINO-6-NITROTOLUENE	ND	U		12	13	ug/Kg
SSWB005	SSWBSCHAN_C	1/6/2006	SW8330 (LOW)	COMPOSITE	2,4-DINITROTOLUENE	ND	U		3.6	13	ug/Kg

Western Boundary Soil Sample Results

Location	Sample ID	Date	Test	Matrix	Analyte	Result (µg/Kg)	Qual	Validation Qualifier Code	DL (µg/Kg)	RL (µg/Kg)	Units
SSWB005	SSWBSCHAN_C	1/6/2006	SW8330 (LOW)	COMPOSITE	2,6-DIAMINO-4-NITROTOLUENE	ND	U		2.5	27	ug/Kg
SSWB005	SSWBSCHAN_C	1/6/2006	SW8330 (LOW)	COMPOSITE	2,6-DINITROTOLUENE	ND	U		2.2	13	ug/Kg
SSWB005	SSWBSCHAN_C	1/6/2006	SW8330 (LOW)	COMPOSITE	2-AMINO-4,6-DINITROTOLUENE	ND	U		1.4	13	ug/Kg
SSWB005	SSWBSCHAN_C	1/6/2006	SW8330 (LOW)	COMPOSITE	2-NITROTOLUENE	ND	U	Y	110	110	ug/Kg
SSWB005	SSWBSCHAN_C	1/6/2006	SW8330 (LOW)	COMPOSITE	3-NITROTOLUENE	ND	U	Y	37	37	ug/Kg
SSWB005	SSWBSCHAN_C	1/6/2006	SW8330 (LOW)	COMPOSITE	4-AMINO-2,6-DINITROTOLUENE	ND	U		2.3	13	ug/Kg
SSWB005	SSWBSCHAN_C	1/6/2006	SW8330 (LOW)	COMPOSITE	4-NITROTOLUENE	ND	U		17	17	ug/Kg
SSWB005	SSWBSCHAN_C	1/6/2006	SW8330 (LOW)	COMPOSITE	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	ND	U		4.8	13	ug/Kg
SSWB005	SSWBSCHAN_C	1/6/2006	SW8330 (LOW)	COMPOSITE	NITROBENZENE	ND	U		5.7	13	ug/Kg
SSWB005	SSWBSCHAN_C	1/6/2006	SW8330 (LOW)	COMPOSITE	NITROGLYCERIN	ND	U	Y	4300	4300	ug/Kg
SSWB005	SSWBSCHAN_C	1/6/2006	SW8330 (LOW)	COMPOSITE	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE	ND	U		3.7	13	ug/Kg
SSWB005	SSWBSCHAN_C	1/6/2006	SW8330 (LOW)	COMPOSITE	PENTAERYTHRITOL TETRANITRATE	ND	U		97	530	ug/Kg
SSWB005	SSWBSCHAN_C	1/6/2006	SW8330 (LOW)	COMPOSITE	PICRIC ACID	ND	U		3.3	13	ug/Kg
SSWB005	SSWBSCHAN_C	1/6/2006	SW8330 (LOW)	COMPOSITE	TETRYL	ND	U		1.3	13	ug/Kg
SSWB006	SSWBDEPRESS_C	1/6/2006	E331.0	COMPOSITE	PERCHLORATE	ND	U		0.33	0.8	ug/Kg
SSWB006	SSWBDEPRESS_C	1/6/2006	SW8330 (LOW)	COMPOSITE	1,3,5-TRINITROBENZENE	ND	U		2.2	13	ug/Kg
SSWB006	SSWBDEPRESS_C	1/6/2006	SW8330 (LOW)	COMPOSITE	1,3-DINITROBENZENE	ND	U		28	28	ug/Kg
SSWB006	SSWBDEPRESS_C	1/6/2006	SW8330 (LOW)	COMPOSITE	2,4,6-TRINITROTOLUENE	ND	U		3.6	13	ug/Kg
SSWB006	SSWBDEPRESS_C	1/6/2006	SW8330 (LOW)	COMPOSITE	2,4-DIAMINO-6-NITROTOLUENE	ND	U		12	13	ug/Kg
SSWB006	SSWBDEPRESS_C	1/6/2006	SW8330 (LOW)	COMPOSITE	2,4-DINITROTOLUENE	ND	U		3.6	13	ug/Kg
SSWB006	SSWBDEPRESS_C	1/6/2006	SW8330 (LOW)	COMPOSITE	2,6-DIAMINO-4-NITROTOLUENE	ND	U		2.5	27	ug/Kg
SSWB006	SSWBDEPRESS_C	1/6/2006	SW8330 (LOW)	COMPOSITE	2,6-DINITROTOLUENE	ND	U		2.2	13	ug/Kg
SSWB006	SSWBDEPRESS_C	1/6/2006	SW8330 (LOW)	COMPOSITE	2-AMINO-4,6-DINITROTOLUENE	ND	U		1.4	13	ug/Kg
SSWB006	SSWBDEPRESS_C	1/6/2006	SW8330 (LOW)	COMPOSITE	2-NITROTOLUENE	ND	U	Y	76	76	ug/Kg
SSWB006	SSWBDEPRESS_C	1/6/2006	SW8330 (LOW)	COMPOSITE	3-NITROTOLUENE	ND	U	Y	21	21	ug/Kg
SSWB006	SSWBDEPRESS_C	1/6/2006	SW8330 (LOW)	COMPOSITE	4-AMINO-2,6-DINITROTOLUENE	ND	U		2.3	13	ug/Kg
SSWB006	SSWBDEPRESS_C	1/6/2006	SW8330 (LOW)	COMPOSITE	4-NITROTOLUENE	ND	U		17	17	ug/Kg
SSWB006	SSWBDEPRESS_C	1/6/2006	SW8330 (LOW)	COMPOSITE	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	ND	U		4.8	13	ug/Kg
SSWB006	SSWBDEPRESS_C	1/6/2006	SW8330 (LOW)	COMPOSITE	NITROBENZENE	ND	U		5.7	13	ug/Kg
SSWB006	SSWBDEPRESS_C	1/6/2006	SW8330 (LOW)	COMPOSITE	NITROGLYCERIN	ND	U	Y	2200	2200	ug/Kg
SSWB006	SSWBDEPRESS_C	1/6/2006	SW8330 (LOW)	COMPOSITE	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE	ND	U		3.7	13	ug/Kg
SSWB006	SSWBDEPRESS_C	1/6/2006	SW8330 (LOW)	COMPOSITE	PENTAERYTHRITOL TETRANITRATE	ND	U		97	530	ug/Kg
SSWB006	SSWBDEPRESS_C	1/6/2006	SW8330 (LOW)	COMPOSITE	PICRIC ACID	ND	U		3.3	13	ug/Kg
SSWB006	SSWBDEPRESS_C	1/6/2006	SW8330 (LOW)	COMPOSITE	TETRYL	ND	U		1.3	13	ug/Kg
SSWB007	SSWBBUNK_C	1/5/2006	E331.0	COMPOSITE	PERCHLORATE	ND	U		0.24	0.8	ug/Kg
SSWB007	SSWBBUNK_C	1/5/2006	SW8330 (LOW)	COMPOSITE	1,3,5-TRINITROBENZENE	ND	U		2.2	13	ug/Kg
SSWB007	SSWBBUNK_C	1/5/2006	SW8330 (LOW)	COMPOSITE	1,3-DINITROBENZENE	ND	U		28	28	ug/Kg
SSWB007	SSWBBUNK_C	1/5/2006	SW8330 (LOW)	COMPOSITE	2,4,6-TRINITROTOLUENE	ND	U		3.6	13	ug/Kg
SSWB007	SSWBBUNK_C	1/5/2006	SW8330 (LOW)	COMPOSITE	2,4-DIAMINO-6-NITROTOLUENE	ND	U		12	13	ug/Kg
SSWB007	SSWBBUNK_C	1/5/2006	SW8330 (LOW)	COMPOSITE	2,4-DINITROTOLUENE	ND	U		3.6	13	ug/Kg
SSWB007	SSWBBUNK_C	1/5/2006	SW8330 (LOW)	COMPOSITE	2,6-DIAMINO-4-NITROTOLUENE	ND	U		2.5	27	ug/Kg
SSWB007	SSWBBUNK_C	1/5/2006	SW8330 (LOW)	COMPOSITE	2,6-DINITROTOLUENE	ND	U		2.2	13	ug/Kg
SSWB007	SSWBBUNK_C	1/5/2006	SW8330 (LOW)	COMPOSITE	2-AMINO-4,6-DINITROTOLUENE	ND	U		1.4	13	ug/Kg

Western Boundary Soil Sample Results

Location	Sample ID	Date	Test	Matrix	Analyte	Result (µg/Kg)	Qual	Validation Qualifier Code	DL (µg/Kg)	RL (µg/Kg)	Units
SSWB007	SSWBBUNK_C	1/5/2006	SW8330 (LOW)	COMPOSITE	2-NITROTOLUENE	ND	U	Y	98	98	ug/Kg
SSWB007	SSWBBUNK_C	1/5/2006	SW8330 (LOW)	COMPOSITE	3-NITROTOLUENE	ND	U		17	17	ug/Kg
SSWB007	SSWBBUNK_C	1/5/2006	SW8330 (LOW)	COMPOSITE	4-AMINO-2,6-DINITROTOLUENE	ND	U	Y	30	30	ug/Kg
SSWB007	SSWBBUNK_C	1/5/2006	SW8330 (LOW)	COMPOSITE	4-NITROTOLUENE	ND	U	Y	51	51	ug/Kg
SSWB007	SSWBBUNK_C	1/5/2006	SW8330 (LOW)	COMPOSITE	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	ND	U		4.8	13	ug/Kg
SSWB007	SSWBBUNK_C	1/5/2006	SW8330 (LOW)	COMPOSITE	NITROBENZENE	ND	U	Y	25	25	ug/Kg
SSWB007	SSWBBUNK_C	1/5/2006	SW8330 (LOW)	COMPOSITE	NITROGLYCERIN	ND	U	Y	1800	1800	ug/Kg
SSWB007	SSWBBUNK_C	1/5/2006	SW8330 (LOW)	COMPOSITE	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE	ND	U		3.7	13	ug/Kg
SSWB007	SSWBBUNK_C	1/5/2006	SW8330 (LOW)	COMPOSITE	PENTAERYTHRITOL TETRANITRATE	ND	U		97	530	ug/Kg
SSWB007	SSWBBUNK_C	1/5/2006	SW8330 (LOW)	COMPOSITE	PICRIC ACID	ND	U		3.3	13	ug/Kg
SSWB007	SSWBBUNK_C	1/5/2006	SW8330 (LOW)	COMPOSITE	TETRYL	ND	U		1.3	13	ug/Kg
SSWB008	SSWBSGCAN_D	1/6/2006	E331.0	DISCRETE	PERCHLORATE	ND	U		0.24	0.96	ug/Kg
SSWB008	SSWBSGCAN_D	1/6/2006	SW8330 (LOW)	DISCRETE	1,3,5-TRINITROBENZENE	ND	U		2.2	13	ug/Kg
SSWB008	SSWBSGCAN_D	1/6/2006	SW8330 (LOW)	DISCRETE	1,3-DINITROBENZENE	ND	U		28	28	ug/Kg
SSWB008	SSWBSGCAN_D	1/6/2006	SW8330 (LOW)	DISCRETE	2,4,6-TRINITROTOLUENE	ND	U	Y	15	15	ug/Kg
SSWB008	SSWBSGCAN_D	1/6/2006	SW8330 (LOW)	DISCRETE	2,4-DIAMINO-6-NITROTOLUENE	ND	U		12	13	ug/Kg
SSWB008	SSWBSGCAN_D	1/6/2006	SW8330 (LOW)	DISCRETE	2,4-DINITROTOLUENE	ND	U		3.6	13	ug/Kg
SSWB008	SSWBSGCAN_D	1/6/2006	SW8330 (LOW)	DISCRETE	2,6-DIAMINO-4-NITROTOLUENE	ND	U		2.5	27	ug/Kg
SSWB008	SSWBSGCAN_D	1/6/2006	SW8330 (LOW)	DISCRETE	2,6-DINITROTOLUENE	ND	U		2.2	13	ug/Kg
SSWB008	SSWBSGCAN_D	1/6/2006	SW8330 (LOW)	DISCRETE	2-AMINO-4,6-DINITROTOLUENE	ND	U		1.4	13	ug/Kg
SSWB008	SSWBSGCAN_D	1/6/2006	SW8330 (LOW)	DISCRETE	2-NITROTOLUENE	ND	U	Y	110	110	ug/Kg
SSWB008	SSWBSGCAN_D	1/6/2006	SW8330 (LOW)	DISCRETE	3-NITROTOLUENE	ND	U	Y	32	32	ug/Kg
SSWB008	SSWBSGCAN_D	1/6/2006	SW8330 (LOW)	DISCRETE	4-AMINO-2,6-DINITROTOLUENE	ND	U		2.3	13	ug/Kg
SSWB008	SSWBSGCAN_D	1/6/2006	SW8330 (LOW)	DISCRETE	4-NITROTOLUENE	ND	U		17	17	ug/Kg
SSWB008	SSWBSGCAN_D	1/6/2006	SW8330 (LOW)	DISCRETE	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE (RDX)	ND	U		4.8	13	ug/Kg
SSWB008	SSWBSGCAN_D	1/6/2006	SW8330 (LOW)	DISCRETE	NITROBENZENE	ND	U		5.7	13	ug/Kg
SSWB008	SSWBSGCAN_D	1/6/2006	SW8330 (LOW)	DISCRETE	NITROGLYCERIN	ND	U	Y	5800	5800	ug/Kg
SSWB008	SSWBSGCAN_D	1/6/2006	SW8330 (LOW)	DISCRETE	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TETRAZOCINE	ND	U		3.7	13	ug/Kg
SSWB008	SSWBSGCAN_D	1/6/2006	SW8330 (LOW)	DISCRETE	PENTAERYTHRITOL TETRANITRATE	ND	U		97	530	ug/Kg
SSWB008	SSWBSGCAN_D	1/6/2006	SW8330 (LOW)	DISCRETE	PICRIC ACID	ND	U		3.3	13	ug/Kg
SSWB008	SSWBSGCAN_D	1/6/2006	SW8330 (LOW)	DISCRETE	TETRYL	ND	U		1.3	13	ug/Kg

ND = non-detect

U = undetected

Y = Matrix interferences, reported result is a false positive; reporting limits elevated accordingly.

APPENDIX C

Soil Sample Results Data

APPENDIX C
WESTERN BOUNDARY
SOIL SAMPLING RESULTS

Area	Location	Sample ID	Date Sampled	Method	Analyte	Concentration		Units	Validation Level	SBD	SED
Geophysical	191A	HC191A1AAA	6/17/2002	E314.0	{ND on all 1} analytes				II	0	0.5
Anomaly Area	191B	HC191B1AAA	6/17/2002	E314.0	{ND on all 1} analytes				II	0	0.5
	191C	HC191C1AAA	6/17/2002	E314.0	{ND on all 1} analytes				II	0	0.5
Endpoint of 97-5	193A	HC193A1AAA	6/18/2002	E314.0	{ND on all 1} analytes				II	0	0.5
Particle Track	193B	HC193B1AAA	6/18/2002	E314.0	PERCHLORATE	5.87	J	UG/KG	II	0	0.5
	193C	HC193C1AAA	6/18/2002	E314.0	{ND on all 1} analytes				II	0	0.5
Cleared Area 12	196A	HC196A1AAA	6/6/2002	E314.0	{ND on all 1} analytes				II	0	0.5
	196A	HC196A1AAD	6/6/2002	E314.0	{ND on all 1} analytes				II	0	0.5
	196A	HC196A1BAA	6/6/2002	E314.0	{ND on all 1} analytes				II	1.5	2
	196B	HC196B1AAA	6/6/2002	E314.0	{ND on all 1} analytes				II	0	0.5
	196B	HC196B1BAA	6/6/2002	E314.0	{ND on all 1} analytes				II	1.5	2
	196C	HC196C1AAA	5/24/2002	E314.0	{ND on all 1} analytes				II	0	0.5
	196C	HC196C1BAA	5/24/2002	E314.0	{ND on all 1} analytes				II	1.5	2
Bunker 3	202A	HC202A1AAA	12/30/2003	E314.0	{ND on all 1} analytes				II	0	0.5
	202A	HC202A1BAA	12/30/2003	E314.0	{ND on all 1} analytes				II	1.5	2
	202B	HC202B1AAA	12/30/2003	E314.0	{ND on all 1} analytes				II	0	0.5
	202B	HC202B1BAA	12/30/2003	E314.0	{ND on all 1} analytes				II	1.5	2
Bunker 4	203A	HC203A1AAA	3/25/2004	E314.0	{ND on all 1} analytes				II	0	0.5
	203A	HC203A1BAA	3/25/2004	E314.0	{ND on all 1} analytes				II	1.5	2
	203B	HC203B1AAA	3/25/2004	E314.0	{ND on all 1} analytes				II	0	0.5
	203B	HC203B1BAA	3/25/2004	E314.0	{ND on all 1} analytes				II	1.5	2
Supplemental	SSWB001	SSWBSMOKE_D	12/21/2005	E331.0	PERCHLORATE	1.3		UG/KG	II	0	0
Investigation	SSWB001	SSWBSMOKE_D	12/21/2005	SW8330	{ND on all 1} analytes				II	0	0
	SSWB002	SSWBSCRAP_C	1/6/2006	E331.0	{ND on all 1} analytes				II	0	0
	SSWB002	SSWBSCRAP_C	1/6/2006	SW8330	{ND on all 1} analytes				II	0	0
	SSWB003	SSWBFPIT_C	1/6/2006	E331.0	{ND on all 1} analytes				II	0	0
	SSWB003	SSWBFPIT_C	1/6/2006	SW8330	{ND on all 1} analytes				II	0	0
	SSWB004	SSWBCRATER_C	1/5/2006	E331.0	{ND on all 1} analytes				II	0	0
	SSWB004	SSWBCRATER_C	1/5/2006	SW8330	{ND on all 1} analytes				II	0	0
	SSWB005	SSWBSCHAN_C	1/6/2006	E331.0	{ND on all 1} analytes				II	0	0
	SSWB005	SSWBSCHAN_C	1/6/2006	SW8330	{ND on all 1} analytes				II	0	0
	SSWB006	SSWBDEPRESS_C	1/6/2006	E331.0	{ND on all 1} analytes				II	0	0
	SSWB006	SSWBDEPRESS_C	1/6/2006	SW8330	{ND on all 1} analytes				II	0	0
	SSWB007	SSWBBUNK_C	1/5/2006	E331.0	{ND on all 1} analytes				II	0	0
	SSWB007	SSWBBUNK_C	1/5/2006	SW8330	{ND on all 1} analytes				II	0	0
	SSWB008	SSWBSGCAN_D	1/6/2006	E331.0	{ND on all 1} analytes				II	0	0
	SSWB008	SSWBSGCAN D	1/6/2006	SW8330	{ND on all 1} analytes				II	0	0

SBD = Sample Begin Depth (feet below ground surface)
SED = Sample End Depth (feet below ground surface)
II = Validation level 2 3 = Validation level 3

APPENDIX D

Groundwater Sample Results Data

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
01-1	TW01-1A	03/22/2002	8330N	{ND on all 19} analytes				II	62	67	55.21	60.21		
	TW01-1A	03/22/2002	E314.0	{ND on all 1} analytes				3	62	67	55.21	60.21		
	TW01-1A	03/22/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	62	67	55.21	60.21	80	
	TW01-1A	04/12/2002	8330N	{ND on all 19} analytes				II	62	67	55.21	60.21		
	TW01-1A	04/12/2002	E314.0	{ND on all 1} analytes				II	62	67	55.21	60.21		
	TW01-1A	04/12/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	62	67	55.21	60.21	80	
	TW01-1A	05/13/2002	8330N	{ND on all 19} analytes				II	62	67	55.21	60.21		
	TW01-1D	05/13/2002	8330N	{ND on all 19} analytes				II	62	67	55.21	60.21		
	TW01-1A	05/13/2002	E314.0	{ND on all 1} analytes				II	62	67	55.21	60.21		
	TW01-1D	05/13/2002	E314.0	{ND on all 1} analytes				II	62	67	55.21	60.21		
	TW01-1A	05/13/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	62	67	55.21	60.21	80	
	TW01-1D	05/13/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	62	67	55.21	60.21	80	
	TW01-1A	06/18/2002	8330N	{ND on all 19} analytes				II	62	67	55.21	60.21		
	TW01-1A	06/18/2002	E314.0	{ND on all 1} analytes				II	62	67	55.21	60.21		
	TW01-1A	06/18/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	62	67	55.21	60.21	80	
	TW01-1A	07/23/2002	E314.0	{ND on all 1} analytes				3	62	67	55.21	60.21		
	TW01-1-A	08/23/2002	E314.0	{ND on all 1} analytes				3	62	67	55.21	60.21		
	TW01-1-A	09/25/2002	E314.0	PERCHLORATE	0.54	J	UG/L	II	62	67	55.21	60.21		
	TW01-1-A	10/23/2002	E314.0	PERCHLORATE	0.42	J	UG/L	II	62	67	55.21	60.21		
	TW01-1-A	12/16/2002	E314.0	{ND on all 1} analytes				3	62	67	55.21	60.21		
	TW01-1-A	01/29/2003	E314.0	{ND on all 1} analytes				II	62	67	55.21	60.21		
	TW01-1-A	02/26/2003	E314.0	{ND on all 1} analytes				II	62	67	55.21	60.21		
	TW01-1-A	03/25/2003	E314.0	{ND on all 1} analytes				II	62	67	55.21	60.21		
	TW01-1-A	04/24/2003	E314.0	{ND on all 1} analytes				II	62	67	55.21	60.21		
	TW01-1-D	04/24/2003	E314.0	{ND on all 1} analytes				II	62	67	55.21	60.21		
	TW01-1-A	05/29/2003	E314.0	{ND on all 1} analytes				3	62	67	55.21	60.21		
	TW01-1-A	06/20/2003	E314.0	{ND on all 1} analytes				II	62	67	55.21	60.21		
	TW01-1-A	07/29/2003	E314.0	{ND on all 1} analytes				3	62	67	55.21	60.21		
	TW01-1-A	08/20/2003	E314.0	{ND on all 1} analytes				II	62	67	55.21	60.21		
	TW01-1-A	10/24/2003	E314.0	{ND on all 1} analytes				II	62	67	55.21	60.21		
	TW01-1-D	10/24/2003	E314.0	PERCHLORATE	0.39	J	UG/L	II	62	67	55.21	60.21		
	TW01-1-A	11/15/2003	E314.0	{ND on all 1} analytes				II	62	67	55.21	60.21		
	TW01-1-A	12/13/2003	E314.0	{ND on all 1} analytes				II	62	67	55.21	60.21		
	TW01-1-A	01/20/2004	E314.0	{ND on all 1} analytes				II	62	67	55.21	60.21		
	TW01-1-A	02/21/2004	E314.0	{ND on all 1} analytes				II	62	67	55.21	60.21		
	TW01-1-D	02/21/2004	E314.0	{ND on all 1} analytes				II	62	67	55.21	60.21		
	TW01-1-A	03/25/2004	E314.0	{ND on all 1} analytes				3	62	67	55.21	60.21		
	TW01-1-A	04/16/2004	E314.0	{ND on all 1} analytes				II	62	67	55.21	60.21		
	TW01-1-A	06/17/2004	E314.0	{ND on all 1} analytes				II	62	67	55.21	60.21		
	TW01-1-D	06/17/2004	E314.0	{ND on all 1} analytes				II	62	67	55.21	60.21		
	TW01-1-A	08/23/2004	E314.0	{ND on all 1} analytes				II	62	67	55.21	60.21		
	TW01-1-A	10/13/2004	E314.0	{ND on all 1} analytes				II	62	67	55.21	60.21		
	TW01-1-A	01/03/2005	E314.0	{ND on all 1} analytes				II	62	67	55.21	60.21		
	TW01-1-A	02/28/2005	E314.0	{ND on all 1} analytes				3	62	67	55.21	60.21		
01-2	TW01-2A	03/25/2002	8330N	{ND on all 19} analytes				II	50	56	24.5	30.5		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	TW01-2D	03/25/2002	8330N	{ND on all 19} analytes				II	50	56	24.5	30.5		
	TW01-2A	03/25/2002	E314.0	{ND on all 1} analytes				II	50	56	24.5	30.5		
	TW01-2D	03/25/2002	E314.0	PERCHLORATE	0.36	J	UG/L	II	50	56	24.5	30.5		
	TW01-2A	03/25/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	50	56	24.5	30.5	80	
	TW01-2D	03/25/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	50	56	24.5	30.5	80	
	TW01-2A	04/12/2002	8330N	{ND on all 19} analytes				II	50	56	24.5	30.5		
	TW01-2A	04/12/2002	E314.0	PERCHLORATE	0.52	J	UG/L	II	50	56	24.5	30.5		
	TW01-2A	04/12/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	50	56	24.5	30.5	80	
	TW01-2A	05/13/2002	8330N	{ND on all 19} analytes				II	50	56	24.5	30.5		
	TW01-2A	05/13/2002	E314.0	{ND on all 1} analytes				II	50	56	24.5	30.5		
	TW01-2A	05/13/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	50	56	24.5	30.5	80	
	TW01-2A	06/15/2002	8330N	{ND on all 19} analytes				II	50	56	24.5	30.5		
	TW01-2A	06/15/2002	E314.0	{ND on all 1} analytes				II	50	56	24.5	30.5		
	TW01-2A	06/15/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	50	56	24.5	30.5	80	
	TW01-2A	07/23/2002	E314.0	{ND on all 1} analytes				3	50	56	24.5	30.5		
	TW01-2-A	08/23/2002	E314.0	PERCHLORATE	0.4	J	UG/L	3	50	56	24.5	30.5		
	TW01-2-A	09/25/2002	E314.0	{ND on all 1} analytes				II	50	56	24.5	30.5		
	TW01-2-A	10/22/2002	E314.0	PERCHLORATE	0.39	J	UG/L	II	50	56	24.5	30.5		
	TW01-2-A	12/13/2002	E314.0	{ND on all 1} analytes				3	50	56	24.5	30.5		
	TW01-2-A	01/29/2003	E314.0	{ND on all 1} analytes				II	50	56	24.5	30.5		
	TW01-2-D	01/29/2003	E314.0	{ND on all 1} analytes				II	50	56	24.5	30.5		
	TW01-2-A	02/25/2003	E314.0	{ND on all 1} analytes				II	50	56	24.5	30.5		
	TW01-2-A	06/18/2003	E314.0	{ND on all 1} analytes				II	50	56	24.5	30.5		
	TW01-2-A	09/24/2003	E314.0	{ND on all 1} analytes				II	50	56	24.5	30.5		
	TW01-2-A	01/20/2004	E314.0	{ND on all 1} analytes				II	50	56	24.5	30.5		
	TW01-2-A	04/23/2004	E314.0	{ND on all 1} analytes				II	50	56	24.5	30.5		
	TW01-2-A	08/13/2004	E314.0	{ND on all 1} analytes				II	50	56	24.5	30.5		
	TW01-2-A	11/29/2004	E314.0	{ND on all 1} analytes				II	50	56	24.5	30.5		
	TW01-2-D	11/29/2004	E314.0	{ND on all 1} analytes				II	50	56	24.5	30.5		
	TW01-2A-A	06/13/2005	E314.0	{ND on all 1} analytes				II	50	56	24.5	30.5		
	TW01-2A-D	06/13/2005	E314.0	{ND on all 1} analytes				II	50	56	24.5	30.5		
	TW01-2A-A	10/18/2005	E314.0	{ND on all 1} analytes				II	50	56	24.5	30.5		
	TW01-2A-A	02/20/2006	E314.0	{ND on all 1} analytes				*	50	56	24.5	30.5		
00-1	TW00-1-A	10/24/2002	8330N	{ND on all 19} analytes				II	64	70	52.1	58.1		
	TW00-1-A	10/24/2002	E314.0	PERCHLORATE	0.43	J	UG/L	II	64	70	52.1	58.1		
	TW00-1-A	10/24/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	64	70	52.1	58.1	80	
	TW00-1-A	12/19/2002	8330N	{ND on all 19} analytes				II	64	70	52.1	58.1		
	TW00-1-A	12/19/2002	E314.0	{ND on all 1} analytes				II	64	70	52.1	58.1		
	TW00-1-A	12/19/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	64	70	52.1	58.1	80	
	TW00-1-A	01/29/2003	8330N	{ND on all 19} analytes				II	64	70	52.1	58.1		
	TW00-1-A	01/29/2003	E314.0	PERCHLORATE	0.44	J	UG/L	II	64	70	52.1	58.1		
	TW00-1-A	01/29/2003	OC21V	CHLOROFORM	0.6	J	UG/L	II	64	70	52.1	58.1	80	
	TW00-1-A	02/26/2003	8330N	{ND on all 19} analytes				II	64	70	52.1	58.1		
	TW00-1-A	02/26/2003	E314.0	PERCHLORATE	0.38	J	UG/L	II	64	70	52.1	58.1		
	TW00-1-A	02/26/2003	OC21V	CHLOROFORM	0.6	J	UG/L	II	64	70	52.1	58.1	80	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	TW00-1-A	03/25/2003	E314.0	{ND on all 1} analytes				II	64	70	52.1	58.1		
	TW00-1-A	04/24/2003	E314.0	{ND on all 1} analytes				II	64	70	52.1	58.1		
	TW00-1-A	05/29/2003	E314.0	{ND on all 1} analytes				3	64	70	52.1	58.1		
	TW00-1-A	06/20/2003	E314.0	{ND on all 1} analytes				II	64	70	52.1	58.1		
	TW00-1-A	07/29/2003	E314.0	{ND on all 1} analytes				3	64	70	52.1	58.1		
	TW00-1-A	08/21/2003	E314.0	{ND on all 1} analytes				II	64	70	52.1	58.1		
	TW00-1-A	09/25/2003	E314.0	{ND on all 1} analytes				II	64	70	52.1	58.1		
	TW00-1-A	10/29/2003	E314.0	{ND on all 1} analytes				II	64	70	52.1	58.1		
	TW00-1-A	11/15/2003	E314.0	{ND on all 1} analytes				II	64	70	52.1	58.1		
	TW00-1-A	12/13/2003	E314.0	PERCHLORATE	0.4	J	UG/L	II	64	70	52.1	58.1		
	TW00-1-A	01/19/2004	E314.0	{ND on all 1} analytes				II	64	70	52.1	58.1		
	TW00-1-A	02/21/2004	E314.0	{ND on all 1} analytes				II	64	70	52.1	58.1		
	TW00-1-A	03/25/2004	E314.0	{ND on all 1} analytes				3	64	70	52.1	58.1		
	TW00-1-A	04/22/2004	E314.0	PERCHLORATE	0.41	J	UG/L	II	64	70	52.1	58.1		
	TW00-1-A	08/11/2004	E314.0	{ND on all 1} analytes				II	64	70	52.1	58.1		
	TW00-1-A	11/29/2004	E314.0	{ND on all 1} analytes				II	64	70	52.1	58.1		
	TW00-1-A	06/13/2005	E314.0	{ND on all 1} analytes				II	64	70	52.1	58.1		
	TW00-1-A	10/18/2005	E314.0	{ND on all 1} analytes				II	64	70	52.1	58.1		
	TW00-1-A	02/20/2006	E314.0	{ND on all 1} analytes				*	64	70	52.1	58.1		
00-1D	OW00-1DA	03/04/2002	8330N	{ND on all 19} analytes				II	91	97	48.3	54.3		
	TW00-1DA	03/04/2002	8330N	{ND on all 19} analytes				II	100	110	56.1	66.1		
	OW00-1DA	03/04/2002	E314.0	{ND on all 1} analytes				II	91	97	48.3	54.3		
	TW00-1DA	03/04/2002	E314.0	{ND on all 1} analytes				II	100	110	56.1	66.1		
	OW00-1DA	04/09/2002	8330N	{ND on all 19} analytes				II	91	97	48.3	54.3		
	OW00-1DA	04/09/2002	E314.0	{ND on all 1} analytes				II	91	97	48.3	54.3		
	OW00-1DA	04/09/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	91	97	48.3	54.3	80	
	OW00-1DA	04/09/2002	OC21V	TRICHLOROETHYLENE (TCE)	1		UG/L	II	91	97	48.3	54.3	5	
	OW00-1DA	05/22/2002	8330N	{ND on all 19} analytes				II	91	97	48.3	54.3		
	OW00-1DA	05/22/2002	E314.0	{ND on all 1} analytes				II	91	97	48.3	54.3		
	OW00-1DA	05/22/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	91	97	48.3	54.3	80	
	OW00-1DA	05/22/2002	OC21V	TRICHLOROETHYLENE (TCE)	1		UG/L	II	91	97	48.3	54.3	5	
	OW00-1DA	06/26/2002	8330N	{ND on all 19} analytes				II	91	97	48.3	54.3		
	OW00-1DA	06/26/2002	E314.0	{ND on all 1} analytes				II	91	97	48.3	54.3		
	OW00-1DA	06/26/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	91	97	48.3	54.3	80	
	OW00-1DA	06/26/2002	OC21V	TRICHLOROETHYLENE (TCE)	1		UG/L	II	91	97	48.3	54.3	5	
	OW00-1DA	07/25/2002	E314.0	{ND on all 1} analytes				II	91	97	48.3	54.3		
	OW00-1D-A	08/30/2002	E314.0	{ND on all 1} analytes				II	91	97	48.3	54.3		
	OW00-1D-D	08/30/2002	E314.0	{ND on all 1} analytes				II	91	97	48.3	54.3		
	OW00-1D-A	09/30/2002	E314.0	{ND on all 1} analytes				II	91	97	48.3	54.3		
	OW00-1D-A	10/29/2002	8330N	{ND on all 19} analytes				II	91	97	48.3	54.3		
	OW00-1D-A	10/29/2002	E314.0	{ND on all 1} analytes				II	91	97	48.3	54.3		
	OW00-1D-A	10/29/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	91	97	48.3	54.3	80	
	OW00-1D-A	10/29/2002	OC21V	TRICHLOROETHYLENE (TCE)	1		UG/L	II	91	97	48.3	54.3	5	
	OW00-1D-A	12/31/2002	8330N	{ND on all 19} analytes				II	91	97	48.3	54.3		
	OW00-1D-A	12/31/2002	E314.0	{ND on all 1} analytes				II	91	97	48.3	54.3		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	OW00-1D-A	12/31/2002	OC21V	CHLOROFORM	0.6	J	UG/L	3	91	97	48.3	54.3	80	
	OW00-1D-A	12/31/2002	OC21V	TRICHLOROETHYLENE (TCE)	1		UG/L	3	91	97	48.3	54.3	5	
	OW00-1D-A	01/21/2003	E314.0	{ND on all 1} analytes				II	91	97	48.3	54.3		
	OW00-1D-A	02/25/2003	E314.0	{ND on all 1} analytes				3	91	97	48.3	54.3		
	OW00-1D-A	06/17/2003	E314.0	{ND on all 1} analytes				II	91	97	48.3	54.3		
	OW00-1D-A	09/25/2003	E314.0	{ND on all 1} analytes				II	91	97	48.3	54.3		
	OW00-1D-A	03/11/2004	E314.0	{ND on all 1} analytes				II	91	97	48.3	54.3		
	OW00-1D-D	03/11/2004	E314.0	{ND on all 1} analytes				II	91	97	48.3	54.3		
	OW00-1D-A	08/13/2004	E314.0	{ND on all 1} analytes				II	91	97	48.3	54.3		
	OW00-1D-A	11/17/2005	E314.0	{ND on all 1} analytes				II	91	97	48.3	54.3		
00-2D	TW00-2D-A	10/25/2002	8330N	{ND on all 19} analytes				II	71	77	43.95	49.95		
	TW00-2D-A	10/25/2002	E314.0	{ND on all 1} analytes				II	71	77	43.95	49.95		
	TW00-2D-A	10/25/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	71	77	43.95	49.95	80	
	TW00-2D-A	10/25/2002	OC21V	TRICHLOROETHYLENE (TCE)	1		UG/L	II	71	77	43.95	49.95	5	
	TW00-2D-A	12/19/2002	8330N	{ND on all 19} analytes				II	71	77	43.95	49.95		
	TW00-2D-A	12/19/2002	E314.0	{ND on all 1} analytes				II	71	77	43.95	49.95		
	TW00-2D-A	12/19/2002	OC21V	ACETONE	3	J	UG/L	II	71	77	43.95	49.95		
	TW00-2D-A	12/19/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	71	77	43.95	49.95	80	
	TW00-2D-A	12/19/2002	OC21V	TRICHLOROETHYLENE (TCE)	2		UG/L	II	71	77	43.95	49.95	5	
	TW00-2D-A	01/27/2003	8330N	{ND on all 19} analytes				II	71	77	43.95	49.95		
	TW00-2D-A	01/27/2003	E314.0	{ND on all 1} analytes				II	71	77	43.95	49.95		
	TW00-2D-A	01/27/2003	OC21V	ACETONE	2	J	UG/L	II	71	77	43.95	49.95		
	TW00-2D-A	01/27/2003	OC21V	CHLOROFORM	0.5	J	UG/L	II	71	77	43.95	49.95	80	
	TW00-2D-A	01/27/2003	OC21V	TRICHLOROETHYLENE (TCE)	1		UG/L	II	71	77	43.95	49.95	5	
	TW00-2D-A	03/04/2003	8330N	{ND on all 19} analytes				II	71	77	43.95	49.95		
	TW00-2D-A	03/04/2003	E314.0	{ND on all 1} analytes				II	71	77	43.95	49.95		
	TW00-2D-A	03/04/2003	OC21V	ACETONE	4	J	UG/L	II	71	77	43.95	49.95		
	TW00-2D-A	03/26/2003	E314.0	{ND on all 1} analytes				II	71	77	43.95	49.95		
	TW00-2D-A	04/23/2003	E314.0	{ND on all 1} analytes				II	71	77	43.95	49.95		
	TW00-2D-A	05/29/2003	E314.0	{ND on all 1} analytes				3	71	77	43.95	49.95		
	TW00-2D-A	06/25/2003	E314.0	{ND on all 1} analytes				II	71	77	43.95	49.95		
	TW00-2D-A	07/29/2003	E314.0	{ND on all 1} analytes				3	71	77	43.95	49.95		
	TW00-2D-A	08/20/2003	E314.0	{ND on all 1} analytes				II	71	77	43.95	49.95		
	TW00-2D-A	09/24/2003	E314.0	{ND on all 1} analytes				II	71	77	43.95	49.95		
	TW00-2D-A	10/29/2003	E314.0	{ND on all 1} analytes				II	71	77	43.95	49.95		
	TW00-2D-A	11/15/2003	E314.0	{ND on all 1} analytes				II	71	77	43.95	49.95		
	TW00-2D-A	12/13/2003	E314.0	{ND on all 1} analytes				II	71	77	43.95	49.95		
	TW00-2D-A	01/19/2004	E314.0	{ND on all 1} analytes				II	71	77	43.95	49.95		
	TW00-2D-A	02/21/2004	E314.0	{ND on all 1} analytes				II	71	77	43.95	49.95		
	TW00-2D-A	03/25/2004	E314.0	{ND on all 1} analytes				3	71	77	43.95	49.95		
	TW00-2D-A	11/17/2005	E314.0	{ND on all 1} analytes				II	71	77	43.95	49.95		
00-2S	TW00-2S-A	10/25/2002	8330N	{ND on all 19} analytes				II	29	35	1.17	7.17		
	TW00-2S-A	10/25/2002	E314.0	{ND on all 1} analytes				II	29	35	1.17	7.17		
	TW00-2S-A	10/25/2002	OC21V	ACETONE	14	J	UG/L	II	29	35	1.17	7.17		
	TW00-2S-A	10/25/2002	OC21V	CHLOROFORM	1		UG/L	II	29	35	1.17	7.17		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	TW00-2S-A	01/31/2003	8330N	{ND on all 19} analytes				3	29	35	1.17	7.17		
	TW00-2S-A	01/31/2003	E314.0	{ND on all 1} analytes				II	29	35	1.17	7.17		
	TW00-2S-A	01/31/2003	OC21V	CHLOROFORM	2		UG/L	3	29	35	1.17	7.17		
	TW00-2S-A	03/05/2003	8330N	{ND on all 19} analytes				II	29	35	1.17	7.17		
	TW00-2S-A	03/05/2003	E314.0	{ND on all 1} analytes				II	29	35	1.17	7.17		
	TW00-2S-A	03/05/2003	OC21V	CHLOROFORM	2		UG/L	II	29	35	1.17	7.17		
	TW00-2S-A	03/25/2003	E314.0	{ND on all 1} analytes				II	29	35	1.17	7.17		
	TW00-2S-A	04/23/2003	E314.0	{ND on all 1} analytes				II	29	35	1.17	7.17		
	TW00-2S-A	05/29/2003	E314.0	{ND on all 1} analytes				3	29	35	1.17	7.17		
	TW00-2S-A	06/24/2003	E314.0	{ND on all 1} analytes				II	29	35	1.17	7.17		
	TW00-2S-A	07/29/2003	E314.0	{ND on all 1} analytes				3	29	35	1.17	7.17		
	TW00-2S-A	08/20/2003	E314.0	{ND on all 1} analytes				II	29	35	1.17	7.17		
	TW00-2S-D	08/20/2003	E314.0	{ND on all 1} analytes				II	29	35	1.17	7.17		
	TW00-2S-A	09/24/2003	E314.0	{ND on all 1} analytes				II	29	35	1.17	7.17		
	TW00-2S-A	10/29/2003	E314.0	{ND on all 1} analytes				II	29	35	1.17	7.17		
	TW00-2S-A	11/15/2003	E314.0	{ND on all 1} analytes				II	29	35	1.17	7.17		
	TW00-2S-A	12/13/2003	E314.0	{ND on all 1} analytes				II	29	35	1.17	7.17		
	TW00-2S-A	01/19/2004	E314.0	{ND on all 1} analytes				II	29	35	1.17	7.17		
	TW00-2S-A	02/21/2004	E314.0	{ND on all 1} analytes				II	29	35	1.17	7.17		
	TW00-2S-A	03/25/2004	E314.0	{ND on all 1} analytes				3	29	35	1.17	7.17		
00-4	MW00-4-A	03/01/2002	8330N	{ND on all 19} analytes				II	64	70	38	44		
	MW00-4-A	03/01/2002	E314.0	{ND on all 1} analytes				II	64	70	38	44		
	MW00-4-A	04/06/2002	8330N	{ND on all 19} analytes				II	64	70	38	44		
	MW00-4-A	04/06/2002	E314.0	{ND on all 1} analytes				II	64	70	38	44		
	MW00-4-A	04/06/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	64	70	38	44	80	
	MW00-4-A	05/06/2002	8330N	{ND on all 19} analytes				II	64	70	38	44		
	MW00-4-A	05/06/2002	E314.0	{ND on all 1} analytes				II	64	70	38	44		
	MW00-4-A	05/06/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	64	70	38	44	80	
	MW00-4-A	06/15/2002	8330N	{ND on all 19} analytes				II	64	70	38	44		
	MW00-4-A	06/15/2002	E314.0	PERCHLORATE	0.46	J	UG/L	II	64	70	38	44		
	MW00-4-A	06/15/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	64	70	38	44	80	
	MW00-4-A	07/23/2002	E314.0	{ND on all 1} analytes				II	64	70	38	44		
	MW00-4-A	08/28/2002	E314.0	{ND on all 1} analytes				II	64	70	38	44		
	MW00-4-A	09/25/2002	E314.0	{ND on all 1} analytes				II	64	70	38	44		
	MW00-4-A	10/22/2002	E314.0	{ND on all 1} analytes				II	64	70	38	44		
	MW00-4-A	10/22/2002	OC21V	ACETONE	2	J	UG/L	II	64	70	38	44		
	MW00-4-A	10/22/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	64	70	38	44	80	
	MW00-4-A	12/17/2002	E314.0	{ND on all 1} analytes				II	64	70	38	44		
	MW00-4-A	12/17/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	64	70	38	44	80	
	MW00-4-A	01/31/2003	E314.0	{ND on all 1} analytes				II	64	70	38	44		
	MW00-4-A	02/28/2003	E314.0	{ND on all 1} analytes				II	64	70	38	44		
	MW00-4-A	06/11/2003	E314.0	{ND on all 1} analytes				II	64	70	38	44		
	MW00-4-A	09/25/2003	E314.0	{ND on all 1} analytes				II	64	70	38	44		
	MW00-4-D	09/25/2003	E314.0	{ND on all 1} analytes				II	64	70	38	44		
	MW00-4-A	03/10/2004	E314.0	{ND on all 1} analytes				II	64	70	38	44		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	MW00-4-A	04/23/2004	E314.0	{ND on all 1} analytes				II	64	70	38	44		
	MW00-4-A	08/13/2004	E314.0	{ND on all 1} analytes				II	64	70	38	44		
	MW00-4-A	11/30/2004	E314.0	{ND on all 1} analytes				II	64	70	38	44		
	MW00-4-A	06/20/2005	E314.0	{ND on all 1} analytes				II	64	70	38	44		
	MW00-4-A	10/31/2005	E314.0	{ND on all 1} analytes				3	64	70	38	44		
	MW00-4-A	03/07/2006	E314.0	{ND on all 1} analytes				*	64	70	38	44		
00-4DA	TW00-4DAA	03/01/2002	8330N	{ND on all 19} analytes				II	75	75	45.6	45.6		
	TW00-4DAA	03/01/2002	E314.0	{ND on all 1} analytes				II	75	75	45.6	45.6		
	TW00-4DAA	04/05/2002	8330N	{ND on all 19} analytes				3	75	75	45.6	45.6		
	TW00-4DAA	04/05/2002	E314.0	{ND on all 1} analytes				II	75	75	45.6	45.6		
	TW00-4DAA	04/05/2002	OC21V	CHLOROFORM	0.6	J	UG/L	3	75	75	45.6	45.6		
	TW00-4DAA	05/11/2002	8330N	{ND on all 19} analytes				II	75	75	45.6	45.6		
	TW00-4DAA	05/11/2002	E314.0	PERCHLORATE	0.4	J	UG/L	II	75	75	45.6	45.6		
	TW00-4DAA	05/11/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	75	75	45.6	45.6		
	TW00-4DAA	06/24/2002	8330N	{ND on all 19} analytes				II	75	75	45.6	45.6		
	TW00-4DAA	06/24/2002	E314.0	{ND on all 1} analytes				II	75	75	45.6	45.6		
	TW00-4DAA	06/24/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	75	75	45.6	45.6		
	TW00-4DAA	07/25/2002	E314.0	{ND on all 1} analytes				II	75	75	45.6	45.6		
	TW00-4DA-A	08/29/2002	E314.0	PERCHLORATE	0.4	J	UG/L	II	75	75	45.6	45.6		
	TW00-4DA-A	09/30/2002	E314.0	{ND on all 1} analytes				II	75	75	45.6	45.6		
	TW00-4DA-A	10/31/2002	8330N	{ND on all 19} analytes				II	75	75	45.6	45.6		
	TW00-4DA-A	10/31/2002	E314.0	{ND on all 1} analytes				II	75	75	45.6	45.6		
	TW00-4DA-A	10/31/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	75	75	45.6	45.6		
	TW00-4DA-A	12/13/2002	E314.0	{ND on all 1} analytes				II	75	75	45.6	45.6		
	TW00-4DA-D	12/13/2002	E314.0	{ND on all 1} analytes				II	75	75	45.6	45.6		
	TW00-4DA-A	12/13/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	75	75	45.6	45.6		
	TW00-4DA-D	12/13/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	75	75	45.6	45.6		
	TW00-4DA-A	01/29/2003	E314.0	{ND on all 1} analytes				II	75	75	45.6	45.6		
00-4DB	TW00-4DBA	02/28/2002	8330N	{ND on all 19} analytes				II	85	85	55.6	55.6		
	TW00-4DBA	02/28/2002	E314.0	{ND on all 1} analytes				II	85	85	55.6	55.6		
	TW00-4DBA	04/05/2002	8330N	{ND on all 19} analytes				3	85	85	55.6	55.6		
	TW00-4DBA	04/05/2002	E314.0	{ND on all 1} analytes				II	85	85	55.6	55.6		
	TW00-4DBA	04/05/2002	OC21V	CHLOROFORM	0.8	J	UG/L	3	85	85	55.6	55.6	80	
	TW00-4DBA	05/11/2002	8330N	{ND on all 19} analytes				II	85	85	55.6	55.6		
	TW00-4DBA	05/11/2002	E314.0	{ND on all 1} analytes				II	85	85	55.6	55.6		
	TW00-4DBA	05/11/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	85	85	55.6	55.6	80	
	TW00-4DBA	06/24/2002	8330N	{ND on all 19} analytes				II	85	85	55.6	55.6		
	TW00-4DBA	06/24/2002	E314.0	{ND on all 1} analytes				II	85	85	55.6	55.6		
	TW00-4DBA	06/24/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	85	85	55.6	55.6	80	
	TW00-4DBA	07/25/2002	E314.0	{ND on all 1} analytes				II	85	85	55.6	55.6		
	TW00-4DB-A	08/29/2002	E314.0	{ND on all 1} analytes				II	85	85	55.6	55.6		
	TW00-4DB-A	09/30/2002	E314.0	{ND on all 1} analytes				II	85	85	55.6	55.6		
	TW00-4DB-A	10/31/2002	8330N	{ND on all 19} analytes				II	85	85	55.6	55.6		
	TW00-4DB-A	10/31/2002	E314.0	{ND on all 1} analytes				II	85	85	55.6	55.6		
	TW00-4DB-A	10/31/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	85	85	55.6	55.6	80	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	TW00-4DB-A	12/13/2002	E314.0	{ND on all 1} analytes				II	85	85	55.6	55.6		
	TW00-4DB-A	12/13/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	85	85	55.6	55.6	80	
	TW00-4DB-A	01/29/2003	E314.0	{ND on all 1} analytes				II	85	85	55.6	55.6		
	TW00-4DB-D	01/29/2003	E314.0	{ND on all 1} analytes				II	85	85	55.6	55.6		
00-5	TW00-5-A	03/02/2002	8330N	{ND on all 19} analytes				II	50	56	15.5	21.5		
	TW00-5-D	03/02/2002	8330N	{ND on all 19} analytes				II	50	56	15.5	21.5		
	TW00-5-A	03/02/2002	E314.0	{ND on all 1} analytes				II	50	56	15.5	21.5		
	TW00-5-D	03/02/2002	E314.0	{ND on all 1} analytes				II	50	56	15.5	21.5		
	TW00-5-A	04/05/2002	8330N	{ND on all 19} analytes				II	50	56	15.5	21.5		
	TW00-5-A	04/05/2002	E314.0	{ND on all 1} analytes				II	50	56	15.5	21.5		
	TW00-5-A	04/05/2002	OC21V	CHLOROFORM	1		UG/L	II	50	56	15.5	21.5	80	
	TW00-5-A	05/07/2002	8330N	{ND on all 19} analytes				II	50	56	15.5	21.5		
	TW00-5-A	05/07/2002	E314.0	{ND on all 1} analytes				II	50	56	15.5	21.5		
	TW00-5-A	05/07/2002	OC21V	CHLOROFORM	1		UG/L	II	50	56	15.5	21.5	80	
	TW00-5-A	06/15/2002	8330N	{ND on all 19} analytes				II	50	56	15.5	21.5		
	TW00-5-A	06/15/2002	E314.0	{ND on all 1} analytes				II	50	56	15.5	21.5		
	TW00-5-A	06/15/2002	OC21V	CHLOROFORM	1		UG/L	II	50	56	15.5	21.5	80	
	TW00-5-A	07/23/2002	E314.0	{ND on all 1} analytes				II	50	56	15.5	21.5		
	TW00-5-A	08/29/2002	E314.0	{ND on all 1} analytes				II	50	56	15.5	21.5		
	TW00-5-D	08/29/2002	E314.0	{ND on all 1} analytes				II	50	56	15.5	21.5		
	TW00-5-A	09/26/2002	E314.0	{ND on all 1} analytes				II	50	56	15.5	21.5		
	TW00-5-A	10/23/2002	E314.0	{ND on all 1} analytes				II	50	56	15.5	21.5		
	TW00-5-A	10/23/2002	OC21V	CHLOROFORM	1		UG/L	II	50	56	15.5	21.5	80	
	TW00-5-A	12/16/2002	E314.0	{ND on all 1} analytes				3	50	56	15.5	21.5		
	TW00-5-A	12/16/2002	OC21V	CHLOROFORM	2		UG/L	II	50	56	15.5	21.5	80	
	TW00-5-A	01/31/2003	E314.0	{ND on all 1} analytes				II	50	56	15.5	21.5		
	TW00-5-A	03/03/2003	E314.0	{ND on all 1} analytes				II	50	56	15.5	21.5		
00-6	TW00-6-A	03/03/2002	8330N	{ND on all 19} analytes				II	36	42	9.6	15.6		
	TW00-6-A	03/03/2002	E314.0	{ND on all 1} analytes				II	36	42	9.6	15.6		
	TW00-6-A	04/08/2002	8330N	{ND on all 19} analytes				II	36	42	9.6	15.6		
	TW00-6-D	04/08/2002	8330N	{ND on all 19} analytes				II	36	42	9.6	15.6		
	TW00-6-A	04/08/2002	E314.0	{ND on all 1} analytes				II	36	42	9.6	15.6		
	TW00-6-D	04/08/2002	E314.0	{ND on all 1} analytes				II	36	42	9.6	15.6		
	TW00-6-A	04/08/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	36	42	9.6	15.6	80	
	TW00-6-D	04/08/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	36	42	9.6	15.6	80	
	TW00-6-A	05/07/2002	8330N	{ND on all 19} analytes				II	36	42	9.6	15.6		
	TW00-6-A	05/07/2002	E314.0	{ND on all 1} analytes				II	36	42	9.6	15.6		
	TW00-6-A	05/07/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	36	42	9.6	15.6	80	
	TW00-6-A	06/15/2002	8330N	{ND on all 19} analytes				II	36	42	9.6	15.6		
	TW00-6-A	06/15/2002	E314.0	{ND on all 1} analytes				II	36	42	9.6	15.6		
	TW00-6-A	06/15/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	36	42	9.6	15.6	80	
	TW00-6-A	07/23/2002	E314.0	{ND on all 1} analytes				II	36	42	9.6	15.6		
	TW00-6-A	08/23/2002	E314.0	{ND on all 1} analytes				II	36	42	9.6	15.6		
	TW00-6-A	09/26/2002	E314.0	{ND on all 1} analytes				II	36	42	9.6	15.6		
	TW00-6-A	10/23/2002	E314.0	{ND on all 1} analytes				II	36	42	9.6	15.6		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	TW00-6-A	10/23/2002	OC21V	CHLOROFORM	0.3	J	UG/L	II	36	42	9.6	15.6	80	
	TW00-6-A	12/13/2002	E314.0	{ND on all 1} analytes				II	36	42	9.6	15.6		
	TW00-6-A	12/13/2002	OC21V	CHLOROFORM	0.3	J	UG/L	II	36	42	9.6	15.6	80	
	TW00-6-A	01/30/2003	E314.0	{ND on all 1} analytes				II	36	42	9.6	15.6		
	TW00-6-A	03/03/2003	E314.0	{ND on all 1} analytes				II	36	42	9.6	15.6		
	TW00-6-A	06/17/2003	E314.0	{ND on all 1} analytes				II	36	42	9.6	15.6		
	TW00-6-A	09/03/2003	E314.0	{ND on all 1} analytes				II	36	42	9.6	15.6		
	TW00-6-A	03/11/2004	E314.0	{ND on all 1} analytes				II	36	42	9.6	15.6		
	TW00-6-A	04/23/2004	E314.0	{ND on all 1} analytes				II	36	42	9.6	15.6		
	TW00-6-A	08/11/2004	E314.0	{ND on all 1} analytes				II	36	42	9.6	15.6		
	TW00-6-A	11/30/2004	E314.0	{ND on all 1} analytes				II	36	42	9.6	15.6		
	TW00-6-A	06/17/2005	E314.0	{ND on all 1} analytes				II	36	42	9.6	15.6		
	TW00-6-A	10/31/2005	E314.0	{ND on all 1} analytes				3	36	42	9.6	15.6		
	TW00-6-D	10/31/2005	E314.0	{ND on all 1} analytes				3	36	42	9.6	15.6		
	TW00-6-A	02/20/2006	E314.0	{ND on all 1} analytes				*	36	42	9.6	15.6		
00-7	TW00-7A	03/02/2002	8330N	{ND on all 19} analytes				II	57	63	25.5	31.5		
	TW00-7D	03/02/2002	8330N	{ND on all 19} analytes				II	57	63	25.5	31.5		
	TW00-7A	03/02/2002	E314.0	{ND on all 1} analytes				II	57	63	25.5	31.5		
	TW00-7D	03/02/2002	E314.0	{ND on all 1} analytes				II	57	63	25.5	31.5		
	TW00-7A	04/05/2002	8330N	{ND on all 19} analytes				II	57	63	25.5	31.5		
	TW00-7A	04/05/2002	E314.0	PERCHLORATE	0.54	J	UG/L	II	57	63	25.5	31.5		
	TW00-7A	04/05/2002	OC21V	CHLOROFORM	1		UG/L	II	57	63	25.5	31.5	80	
	TW00-7A	05/07/2002	8330N	{ND on all 19} analytes				II	57	63	25.5	31.5		
	TW00-7A	05/07/2002	E314.0	{ND on all 1} analytes				II	57	63	25.5	31.5		
	TW00-7A	05/07/2002	OC21V	CHLOROFORM	1		UG/L	II	57	63	25.5	31.5	80	
	TW00-7A	06/18/2002	8330N	{ND on all 19} analytes				II	57	63	25.5	31.5		
	TW00-7A	06/18/2002	E314.0	{ND on all 1} analytes				II	57	63	25.5	31.5		
	TW00-7A	06/18/2002	OC21V	CHLOROFORM	1		UG/L	II	57	63	25.5	31.5	80	
	TW00-7A	07/23/2002	E314.0	{ND on all 1} analytes				II	57	63	25.5	31.5		
	TW00-7-A	08/22/2002	E314.0	{ND on all 1} analytes				II	57	63	25.5	31.5		
	TW00-7-A	09/26/2002	E314.0	{ND on all 1} analytes				II	57	63	25.5	31.5		
	TW00-7-A	10/23/2002	E314.0	{ND on all 1} analytes				II	57	63	25.5	31.5		
	TW00-7-A	10/23/2002	OC21V	CHLOROFORM	0.3	J	UG/L	II	57	63	25.5	31.5	80	
	TW00-7-A	12/16/2002	E314.0	{ND on all 1} analytes				3	57	63	25.5	31.5		
	TW00-7-A	12/16/2002	OC21V	ACETONE	2	J	UG/L	II	57	63	25.5	31.5		
	TW00-7-A	12/16/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	57	63	25.5	31.5	80	
	TW00-7-A	01/30/2003	E314.0	{ND on all 1} analytes				II	57	63	25.5	31.5		
	TW00-7-A	02/24/2003	E314.0	{ND on all 1} analytes				3	57	63	25.5	31.5		
	TW00-7-D	02/24/2003	E314.0	{ND on all 1} analytes				3	57	63	25.5	31.5		
	TW00-7-A	06/17/2003	E314.0	{ND on all 1} analytes				II	57	63	25.5	31.5		
	TW00-7-D	06/17/2003	E314.0	{ND on all 1} analytes				II	57	63	25.5	31.5		
	TW00-7-A	09/02/2003	E314.0	{ND on all 1} analytes				II	57	63	25.5	31.5		
	TW00-7-A	03/11/2004	E314.0	{ND on all 1} analytes				II	57	63	25.5	31.5		
	TW00-7-D	03/11/2004	E314.0	{ND on all 1} analytes				II	57	63	25.5	31.5		
	TW00-7-A	04/22/2004	E314.0	{ND on all 1} analytes				II	57	63	25.5	31.5		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	TW00-7-D	04/22/2004	E314.0	{ND on all 1} analytes				II	57	63	25.5	31.5		
	TW00-7-A	08/11/2004	E314.0	{ND on all 1} analytes				II	57	63	25.5	31.5		
	TW00-7-A	11/29/2004	E314.0	{ND on all 1} analytes				II	57	63	25.5	31.5		
	TW00-7-D	11/29/2004	E314.0	{ND on all 1} analytes				II	57	63	25.5	31.5		
	TW00-7-A	06/13/2005	E314.0	{ND on all 1} analytes				II	57	63	25.5	31.5		
	TW00-7-A	10/31/2005	E314.0	{ND on all 1} analytes				3	57	63	25.5	31.5		
	TW00-7-A	02/13/2006	E314.0	{ND on all 1} analytes				*	57	63	25.5	31.5		
02-01M1	W02-01M1A	04/10/2002	8330N	{ND on all 19} analytes				II	95	105	42.9	52.9		
	W02-01M1A	04/10/2002	E314.0	{ND on all 1} analytes				II	95	105	42.9	52.9		
	W02-01M1A	04/10/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	95	105	42.9	52.9	80	
	W02-01M1A	05/12/2002	8330N	{ND on all 19} analytes				II	95	105	42.9	52.9		
	W02-01M1A	05/12/2002	E314.0	{ND on all 1} analytes				II	95	105	42.9	52.9		
	W02-01M1A	05/12/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	95	105	42.9	52.9	80	
	W02-01M1A	06/22/2002	8330N	{ND on all 19} analytes				II	95	105	42.9	52.9		
	W02-01M1A	06/22/2002	E314.0	{ND on all 1} analytes				II	95	105	42.9	52.9		
	W02-01M1A	06/22/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	95	105	42.9	52.9	80	
	W02-01M1A	07/27/2002	E314.0	PERCHLORATE	0.56	J	UG/L	II	95	105	42.9	52.9		
	W02-01M1A	08/24/2002	E314.0	PERCHLORATE	0.39	J	UG/L	3	95	105	42.9	52.9		
	W02-01M1A	09/23/2002	E314.0	PERCHLORATE	0.37	J	UG/L	II	95	105	42.9	52.9		
	W02-01M1A	10/18/2002	8330N	{ND on all 19} analytes				II	95	105	42.9	52.9		
	W02-01M1A	10/18/2002	E314.0	{ND on all 1} analytes				II	95	105	42.9	52.9		
	W02-01M1A	10/18/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	95	105	42.9	52.9	80	
	W02-01M1A	12/10/2002	8330N	{ND on all 19} analytes				II	95	105	42.9	52.9		
	W02-01M1A	12/10/2002	E314.0	PERCHLORATE	0.41	J	UG/L	II	95	105	42.9	52.9		
	W02-01M1A	12/10/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	95	105	42.9	52.9	80	
	W02-01M1A	01/17/2003	E314.0	{ND on all 1} analytes				II	95	105	42.9	52.9		
	W02-01M1A	02/13/2003	E314.0	{ND on all 1} analytes				II	95	105	42.9	52.9		
	W02-01M1A	04/14/2003	E314.0	{ND on all 1} analytes				II	95	105	42.9	52.9		
	W02-01M1A	05/15/2003	E314.0	{ND on all 1} analytes				II	95	105	42.9	52.9		
	W02-01M1A	06/16/2003	E314.0	{ND on all 1} analytes				II	95	105	42.9	52.9		
	W02-01M1A	07/21/2003	E314.0	{ND on all 1} analytes				II	95	105	42.9	52.9		
	W02-01M1D	07/21/2003	E314.0	{ND on all 1} analytes				II	95	105	42.9	52.9		
	W02-01M1A	08/14/2003	E314.0	{ND on all 1} analytes				II	95	105	42.9	52.9		
	W02-01M1A	09/16/2003	E314.0	{ND on all 1} analytes				II	95	105	42.9	52.9		
	W02-01M1A	10/22/2003	E314.0	{ND on all 1} analytes				II	95	105	42.9	52.9		
	W02-01M1A	11/08/2003	E314.0	{ND on all 1} analytes				II	95	105	42.9	52.9		
	W02-01M1D	11/08/2003	E314.0	{ND on all 1} analytes				II	95	105	42.9	52.9		
	W02-01M1A	12/02/2003	E314.0	{ND on all 1} analytes				II	95	105	42.9	52.9		
	W02-01M1A	01/06/2004	E314.0	{ND on all 1} analytes				II	95	105	42.9	52.9		
	W02-01M1A	02/16/2004	E314.0	{ND on all 1} analytes				II	95	105	42.9	52.9		
	W02-01M1A	03/11/2004	E314.0	{ND on all 1} analytes				II	95	105	42.9	52.9		
	W02-01M1A	04/06/2004	E314.0	{ND on all 1} analytes				II	95	105	42.9	52.9		
	W02-01M1A	08/04/2004	E314.0	{ND on all 1} analytes				II	95	105	42.9	52.9		
	W02-01M1A	11/29/2004	E314.0	{ND on all 1} analytes				II	95	105	42.9	52.9		
	W02-01M1A	05/18/2005	E314.0	{ND on all 1} analytes				II	95	105	42.9	52.9		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-01M1A	09/15/2005	E314.0	{ND on all 1} analytes				3	95	105	42.9	52.9		
	W02-01M1A	12/01/2005	E314.0	{ND on all 1} analytes				II	95	105	42.9	52.9		
02-01M2	W02-01M2A	04/10/2002	8330N	{ND on all 19} analytes				II	83	93	30.9	40.9		
	W02-01M2A	04/10/2002	E314.0	{ND on all 1} analytes				II	83	93	30.9	40.9		
	W02-01M2A	04/10/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	83	93	30.9	40.9	80	
	W02-01M2A	05/12/2002	8330N	{ND on all 19} analytes				II	83	93	30.9	40.9		
	W02-01M2A	05/12/2002	E314.0	{ND on all 1} analytes				II	83	93	30.9	40.9		
	W02-01M2A	05/12/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	83	93	30.9	40.9	80	
	W02-01M2A	06/22/2002	8330N	{ND on all 19} analytes				II	83	93	30.9	40.9		
	W02-01M2A	06/22/2002	E314.0	{ND on all 1} analytes				II	83	93	30.9	40.9		
	W02-01M2A	06/22/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	83	93	30.9	40.9	80	
	W02-01M2A	07/27/2002	E314.0	{ND on all 1} analytes				II	83	93	30.9	40.9		
	W02-01M2D	07/27/2002	E314.0	PERCHLORATE	0.64	J	UG/L	II	83	93	30.9	40.9		
	W02-01M2A	08/24/2002	E314.0	{ND on all 1} analytes				3	83	93	30.9	40.9		
	W02-01M2A	09/23/2002	E314.0	PERCHLORATE	0.46	J	UG/L	II	83	93	30.9	40.9		
	W02-01M2A	10/18/2002	8330N	{ND on all 19} analytes				II	83	93	30.9	40.9		
	W02-01M2A	10/18/2002	E314.0	{ND on all 1} analytes				II	83	93	30.9	40.9		
	W02-01M2A	10/18/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	83	93	30.9	40.9	80	
	W02-01M2A	12/11/2002	8330N	{ND on all 19} analytes				II	83	93	30.9	40.9		
	W02-01M2A	12/11/2002	E314.0	{ND on all 1} analytes				II	83	93	30.9	40.9		
	W02-01M2A	12/11/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	83	93	30.9	40.9	80	
	W02-01M2A	01/17/2003	E314.0	PERCHLORATE	0.4	J	UG/L	II	83	93	30.9	40.9		
	W02-01M2A	02/12/2003	E314.0	PERCHLORATE	0.39	J	UG/L	II	83	93	30.9	40.9		
	W02-01M2A	04/14/2003	E314.0	{ND on all 1} analytes				II	83	93	30.9	40.9		
	W02-01M2A	05/15/2003	E314.0	{ND on all 1} analytes				II	83	93	30.9	40.9		
	W02-01M2A	06/16/2003	E314.0	{ND on all 1} analytes				II	83	93	30.9	40.9		
	W02-01M2A	07/21/2003	E314.0	{ND on all 1} analytes				II	83	93	30.9	40.9		
	W02-01M2A	08/14/2003	E314.0	{ND on all 1} analytes				II	83	93	30.9	40.9		
	W02-01M2D	08/14/2003	E314.0	PERCHLORATE	0.51	J	UG/L	II	83	93	30.9	40.9		
	W02-01M2A	09/16/2003	E314.0	{ND on all 1} analytes				II	83	93	30.9	40.9		
	W02-01M2A	10/21/2003	E314.0	PERCHLORATE	0.48	J	UG/L	II	83	93	30.9	40.9		
	W02-01M2A	11/08/2003	E314.0	PERCHLORATE	0.41	J	UG/L	II	83	93	30.9	40.9		
	W02-01M2A	12/01/2003	E314.0	{ND on all 1} analytes				II	83	93	30.9	40.9		
	W02-01M2A	01/06/2004	E314.0	{ND on all 1} analytes				II	83	93	30.9	40.9		
	W02-01M2A	02/16/2004	E314.0	{ND on all 1} analytes				II	83	93	30.9	40.9		
	W02-01M2A	03/11/2004	E314.0	{ND on all 1} analytes				II	83	93	30.9	40.9		
	W02-01M2A	04/06/2004	E314.0	{ND on all 1} analytes				II	83	93	30.9	40.9		
	W02-01M2A	08/04/2004	E314.0	{ND on all 1} analytes				II	83	93	30.9	40.9		
	W02-01M2D	08/04/2004	E314.0	{ND on all 1} analytes				II	83	93	30.9	40.9		
	W02-01M2A	11/29/2004	E314.0	{ND on all 1} analytes				II	83	93	30.9	40.9		
	W02-01M2A	05/18/2005	E314.0	{ND on all 1} analytes				II	83	93	30.9	40.9		
	W02-01M2A	09/15/2005	E314.0	{ND on all 1} analytes				3	83	93	30.9	40.9		
	W02-01M2A	12/01/2005	E314.0	{ND on all 1} analytes				II	83	93	30.9	40.9		
02-02M1	W02-02M1A	04/22/2002	8330N	{ND on all 19} analytes				II	114.5	124.5	63.5	73.5		
	W02-02M1A	04/22/2002	E314.0	{ND on all 1} analytes				II	114.5	124.5	63.5	73.5		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-02M1A	04/22/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	114.5	124.5	63.5	73.5	80	
	W02-02M1A	05/30/2002	8330N	{ND on all 19} analytes				II	114.5	124.5	63.5	73.5		
	W02-02M1D	05/30/2002	8330N	{ND on all 19} analytes				II	114.5	124.5	63.5	73.5		
	W02-02M1A	05/30/2002	E314.0	{ND on all 1} analytes				II	114.5	124.5	63.5	73.5		
	W02-02M1D	05/30/2002	E314.0	{ND on all 1} analytes				II	114.5	124.5	63.5	73.5		
	W02-02M1A	06/01/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	114.5	124.5	63.5	73.5	80	
	W02-02M1A	07/05/2002	8330N	{ND on all 19} analytes				II	114.5	124.5	63.5	73.5		
	W02-02M1A	07/05/2002	E314.0	{ND on all 1} analytes				II	114.5	124.5	63.5	73.5		
	W02-02M1A	07/05/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	114.5	124.5	63.5	73.5	80	
	W02-02M1A	08/03/2002	E314.0	PERCHLORATE	0.74	J	UG/L	II	114.5	124.5	63.5	73.5		
	W02-02M1A	09/07/2002	E314.0	PERCHLORATE	0.42	J	UG/L	3	114.5	124.5	63.5	73.5		
	W02-02M1A	10/05/2002	E314.0	{ND on all 1} analytes				II	114.5	124.5	63.5	73.5		
	W02-02M1A	11/06/2002	8330N	{ND on all 19} analytes				II	114.5	124.5	63.5	73.5		
	W02-02M1A	11/06/2002	E314.0	{ND on all 1} analytes				II	114.5	124.5	63.5	73.5		
	W02-02M1A	11/06/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	114.5	124.5	63.5	73.5	80	
	W02-02M1A	12/11/2002	8330N	{ND on all 19} analytes				II	114.5	124.5	63.5	73.5		
	W02-02M1A	12/11/2002	E314.0	PERCHLORATE	0.52	J	UG/L	II	114.5	124.5	63.5	73.5		
	W02-02M1A	12/11/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	114.5	124.5	63.5	73.5	80	
	W02-02M1A	01/30/2003	E314.0	PERCHLORATE	0.49	J	UG/L	II	114.5	124.5	63.5	73.5		
	W02-02M1A	02/12/2003	E314.0	PERCHLORATE	0.5	J	UG/L	II	114.5	124.5	63.5	73.5		
	W02-02M1A	04/18/2003	E314.0	{ND on all 1} analytes				II	114.5	124.5	63.5	73.5		
	W02-02M1A	05/21/2003	E314.0	{ND on all 1} analytes				II	114.5	124.5	63.5	73.5		
	W02-02M1A	06/18/2003	E314.0	{ND on all 1} analytes				II	114.5	124.5	63.5	73.5		
	W02-02M1A	07/15/2003	E314.0	{ND on all 1} analytes				II	114.5	124.5	63.5	73.5		
	W02-02M1A	08/14/2003	E314.0	PERCHLORATE	0.4	J	UG/L	II	114.5	124.5	63.5	73.5		
	W02-02M1A	09/18/2003	E314.0	{ND on all 1} analytes				3	114.5	124.5	63.5	73.5		
	W02-02M1A	10/13/2003	E314.0	{ND on all 1} analytes				II	114.5	124.5	63.5	73.5		
	W02-02M1A	11/08/2003	E314.0	{ND on all 1} analytes				II	114.5	124.5	63.5	73.5		
	W02-02M1A	12/02/2003	E314.0	{ND on all 1} analytes				II	114.5	124.5	63.5	73.5		
	W02-02M1D	12/02/2003	E314.0	{ND on all 1} analytes				II	114.5	124.5	63.5	73.5		
	W02-02M1A	01/07/2004	E314.0	{ND on all 1} analytes				II	114.5	124.5	63.5	73.5		
	W02-02M1A	02/05/2004	E314.0	{ND on all 1} analytes				II	114.5	124.5	63.5	73.5		
	W02-02M1A	03/08/2004	E314.0	{ND on all 1} analytes				II	114.5	124.5	63.5	73.5		
	W02-02M1A	04/08/2004	E314.0	{ND on all 1} analytes				II	114.5	124.5	63.5	73.5		
	W02-02M1A	08/12/2004	E314.0	{ND on all 1} analytes				II	114.5	124.5	63.5	73.5		
	W02-02M1A	02/21/2005	E314.0	PERCHLORATE	0.38	J	UG/L	II	114.5	124.5	63.5	73.5		
	W02-02M1A	05/31/2005	E314.0	PERCHLORATE	0.44	J	UG/L	3	114.5	124.5	63.5	73.5		
	W02-02M1A	08/09/2005	E314.0	{ND on all 1} analytes				II	114.5	124.5	63.5	73.5		
	W02-02M1A	12/01/2005	E314.0	{ND on all 1} analytes				II	114.5	124.5	63.5	73.5		
02-02M2	W02-02M2A	04/22/2002	8330N	{ND on all 19} analytes				II	94.5	104.5	42.65	52.65		
	W02-02M2A	04/22/2002	E314.0	{ND on all 1} analytes				II	94.5	104.5	42.65	52.65		
	W02-02M2A	04/22/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	94.5	104.5	42.65	52.65	80	
	W02-02M2A	05/30/2002	8330N	{ND on all 19} analytes				II	94.5	104.5	42.65	52.65		
	W02-02M2A	05/30/2002	E314.0	{ND on all 1} analytes				II	94.5	104.5	42.65	52.65		
	W02-02M2A	06/01/2002	OC21V	CHLOROFORM	1		UG/L	II	94.5	104.5	42.65	52.65	80	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-02M2A	07/05/2002	8330N	{ND on all 19} analytes				II	94.5	104.5	42.65	52.65		
	W02-02M2A	07/05/2002	E314.0	{ND on all 1} analytes				II	94.5	104.5	42.65	52.65		
	W02-02M2A	07/05/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	94.5	104.5	42.65	52.65	80	
	W02-02M2A	08/03/2002	E314.0	PERCHLORATE	0.37	J	UG/L	II	94.5	104.5	42.65	52.65		
	W02-02M2D	08/03/2002	E314.0	PERCHLORATE	0.52	J	UG/L	II	94.5	104.5	42.65	52.65		
	W02-02M2A	09/07/2002	E314.0	PERCHLORATE	0.41	J	UG/L	3	94.5	104.5	42.65	52.65		
	W02-02M2A	10/05/2002	E314.0	PERCHLORATE	0.42	J	UG/L	II	94.5	104.5	42.65	52.65		
	W02-02M2D	10/05/2002	E314.0	PERCHLORATE	0.46	J	UG/L	II	94.5	104.5	42.65	52.65		
	W02-02M2A	11/05/2002	8330N	{ND on all 19} analytes				II	94.5	104.5	42.65	52.65		
	W02-02M2A	11/05/2002	E314.0	{ND on all 1} analytes				II	94.5	104.5	42.65	52.65		
	W02-02M2A	11/05/2002	OC21V	CHLOROFORM	1		UG/L	II	94.5	104.5	42.65	52.65	80	
	W02-02M2A	12/11/2002	8330N	{ND on all 19} analytes				II	94.5	104.5	42.65	52.65		
	W02-02M2D	12/11/2002	8330N	{ND on all 19} analytes				II	94.5	104.5	42.65	52.65		
	W02-02M2A	12/11/2002	E314.0	{ND on all 1} analytes				II	94.5	104.5	42.65	52.65		
	W02-02M2D	12/11/2002	E314.0	PERCHLORATE	0.42	J	UG/L	II	94.5	104.5	42.65	52.65		
	W02-02M2A	12/11/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	94.5	104.5	42.65	52.65	80	
	W02-02M2D	12/11/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	94.5	104.5	42.65	52.65	80	
	W02-02M2A	01/30/2003	E314.0	PERCHLORATE	0.46	J	UG/L	II	94.5	104.5	42.65	52.65		
	W02-02M2D	01/30/2003	E314.0	PERCHLORATE	0.47	J	UG/L	II	94.5	104.5	42.65	52.65		
	W02-02M2A	02/12/2003	E314.0	PERCHLORATE	0.49	J	UG/L	II	94.5	104.5	42.65	52.65		
	W02-02M2A	04/18/2003	E314.0	PERCHLORATE	0.41	J	UG/L	3	94.5	104.5	42.65	52.65		
	W02-02M2A	05/20/2003	E314.0	{ND on all 1} analytes				II	94.5	104.5	42.65	52.65		
	W02-02M2A	06/18/2003	E314.0	{ND on all 1} analytes				II	94.5	104.5	42.65	52.65		
	W02-02M2A	07/15/2003	E314.0	PERCHLORATE	0.37	J	UG/L	II	94.5	104.5	42.65	52.65		
	W02-02M2A	08/14/2003	E314.0	PERCHLORATE	0.45	J	UG/L	II	94.5	104.5	42.65	52.65		
	W02-02M2A	09/18/2003	E314.0	PERCHLORATE	0.4	J	UG/L	3	94.5	104.5	42.65	52.65		
	W02-02M2A	10/13/2003	E314.0	{ND on all 1} analytes				II	94.5	104.5	42.65	52.65		
	W02-02M2A	11/08/2003	E314.0	PERCHLORATE	0.5	J	UG/L	II	94.5	104.5	42.65	52.65		
	W02-02M2A	12/02/2003	E314.0	{ND on all 1} analytes				II	94.5	104.5	42.65	52.65		
	W02-02M2A	01/07/2004	E314.0	{ND on all 1} analytes				II	94.5	104.5	42.65	52.65		
	W02-02M2A	02/05/2004	E314.0	{ND on all 1} analytes				II	94.5	104.5	42.65	52.65		
	W02-02M2A	03/09/2004	E314.0	{ND on all 1} analytes				II	94.5	104.5	42.65	52.65		
	W02-02M2A	04/07/2004	E314.0	{ND on all 1} analytes				II	94.5	104.5	42.65	52.65		
	W02-02M2A	08/12/2004	E314.0	{ND on all 1} analytes				II	94.5	104.5	42.65	52.65		
	W02-02M2D	08/12/2004	E314.0	PERCHLORATE	0.41	J	UG/L	II	94.5	104.5	42.65	52.65		
	W02-02M2A	02/21/2005	E314.0	{ND on all 1} analytes				II	94.5	104.5	42.65	52.65		
	W02-02M2A	05/27/2005	E314.0	{ND on all 1} analytes				II	94.5	104.5	42.65	52.65		
	W02-02M2D	05/27/2005	E314.0	{ND on all 1} analytes				II	94.5	104.5	42.65	52.65		
	W02-02M2A	08/09/2005	E314.0	{ND on all 1} analytes				II	94.5	104.5	42.65	52.65		
	W02-02M2A	12/01/2005	E314.0	{ND on all 1} analytes				II	94.5	104.5	42.65	52.65		
02-02S	W02-02SSA	04/22/2002	8330N	{ND on all 19} analytes				II	49.5	59.5	0	10		
	W02-02SSA	04/22/2002	E314.0	{ND on all 1} analytes				II	49.5	59.5	0	10		
	W02-02SSA	04/22/2002	OC21V	CHLOROFORM	1		UG/L	II	49.5	59.5	0	10	80	
	W02-02SSA	05/30/2002	8330N	{ND on all 19} analytes				II	49.5	59.5	0	10		
	W02-02SSA	05/30/2002	E314.0	{ND on all 1} analytes				II	49.5	59.5	0	10		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-02SSA	06/01/2002	OC21V	CHLOROFORM	1		UG/L	II	49.5	59.5	0	10	80	
	W02-02SSA	07/08/2002	8330N	{ND on all 19} analytes				II	49.5	59.5	0	10		
	W02-02SSA	07/08/2002	E314.0	PERCHLORATE	0.38	J	UG/L	II	49.5	59.5	0	10		
	W02-02SSA	07/08/2002	OC21V	CHLOROFORM	1		UG/L	II	49.5	59.5	0	10	80	
	W02-02SSA	08/03/2002	E314.0	{ND on all 1} analytes				II	49.5	59.5	0	10		
	W02-02SSA	09/07/2002	E314.0	PERCHLORATE	0.44	J	UG/L	3	49.5	59.5	0	10		
	W02-02SSA	10/05/2002	E314.0	{ND on all 1} analytes				II	49.5	59.5	0	10		
	W02-02SSA	11/06/2002	8330N	{ND on all 19} analytes				II	49.5	59.5	0	10		
	W02-02SSA	11/06/2002	E314.0	{ND on all 1} analytes				II	49.5	59.5	0	10		
	W02-02SSA	11/06/2002	OC21V	CHLOROFORM	1		UG/L	II	49.5	59.5	0	10	80	
	W02-02SSA	12/11/2002	8330N	{ND on all 19} analytes				II	49.5	59.5	0	10		
	W02-02SSA	12/11/2002	E314.0	{ND on all 1} analytes				II	49.5	59.5	0	10		
	W02-02SSA	12/11/2002	OC21V	CHLOROFORM	1		UG/L	II	49.5	59.5	0	10	80	
	W02-02SSA	01/30/2003	E314.0	{ND on all 1} analytes				II	49.5	59.5	0	10		
	W02-02SSA	02/12/2003	E314.0	{ND on all 1} analytes				II	49.5	59.5	0	10		
	W02-02SSA	04/18/2003	E314.0	{ND on all 1} analytes				3	49.5	59.5	0	10		
	W02-02SSA	05/19/2003	E314.0	{ND on all 1} analytes				II	49.5	59.5	0	10		
	W02-02SSA	06/18/2003	E314.0	PERCHLORATE	0.38	J	UG/L	II	49.5	59.5	0	10		
	W02-02SSA	07/15/2003	E314.0	{ND on all 1} analytes				II	49.5	59.5	0	10		
	W02-02SSA	08/14/2003	E314.0	{ND on all 1} analytes				II	49.5	59.5	0	10		
	W02-02SSA	09/18/2003	E314.0	{ND on all 1} analytes				3	49.5	59.5	0	10		
	W02-02SSA	10/13/2003	E314.0	{ND on all 1} analytes				II	49.5	59.5	0	10		
	W02-02SSA	11/08/2003	E314.0	{ND on all 1} analytes				II	49.5	59.5	0	10		
	W02-02SSA	12/02/2003	E314.0	{ND on all 1} analytes				II	49.5	59.5	0	10		
	W02-02SSA	01/07/2004	E314.0	{ND on all 1} analytes				II	49.5	59.5	0	10		
	W02-02SSA	02/05/2004	E314.0	{ND on all 1} analytes				II	49.5	59.5	0	10		
	W02-02SSA	03/10/2004	E314.0	{ND on all 1} analytes				II	49.5	59.5	0	10		
	W02-02SSA	04/07/2004	E314.0	{ND on all 1} analytes				II	49.5	59.5	0	10		
	W02-02SSA	08/12/2004	E314.0	{ND on all 1} analytes				II	49.5	59.5	0	10		
	W02-02SSA	02/21/2005	E314.0	{ND on all 1} analytes				II	49.5	59.5	0	10		
	W02-02SSA	05/27/2005	E314.0	{ND on all 1} analytes				II	49.5	59.5	0	10		
	W02-02SSA	08/10/2005	E314.0	{ND on all 1} analytes				II	49.5	59.5	0	10		
	W02-02SSA	12/01/2005	E314.0	{ND on all 1} analytes				II	49.5	59.5	0	10		
02-03M1	W02-03M1A	04/17/2002	8330N	{ND on all 19} analytes				II	130	140	86.1	96.1		
	W02-03M1A	04/17/2002	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1A	04/17/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	130	140	86.1	96.1	80	
	W02-03M1A	05/16/2002	8330N	{ND on all 19} analytes				II	130	140	86.1	96.1		
	W02-03M1A	05/16/2002	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1A	05/16/2002	OC21V	1,4-DICHLOROBENZENE	0.4	J	UG/L	II	130	140	86.1	96.1	75	
	W02-03M1A	05/16/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	130	140	86.1	96.1	80	
	W02-03M1A	06/24/2002	8330N	{ND on all 19} analytes				II	130	140	86.1	96.1		
	W02-03M1A	06/24/2002	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1A	06/24/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	130	140	86.1	96.1	80	
	W02-03M1A	07/27/2002	E314.0	PERCHLORATE	0.77	J	UG/L	II	130	140	86.1	96.1		
	W02-03M1A	08/24/2002	E314.0	PERCHLORATE	0.59	J	UG/L	3	130	140	86.1	96.1		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-03M1D	08/24/2002	E314.0	PERCHLORATE	0.56	J	UG/L	3	130	140	86.1	96.1		
	W02-03M1A	09/23/2002	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1A	10/18/2002	8330N	{ND on all 19} analytes				II	130	140	86.1	96.1		
	W02-03M1A	10/18/2002	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1A	10/18/2002	OC21V	CHLOROFORM	0.3	J	UG/L	II	130	140	86.1	96.1	80	
	W02-03M1A	12/16/2002	8330N	{ND on all 19} analytes				II	130	140	86.1	96.1		
	W02-03M1A	12/16/2002	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1A	12/16/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	130	140	86.1	96.1	80	
	W02-03M1A	01/17/2003	E314.0	{ND on all 1} analytes				3	130	140	86.1	96.1		
	W02-03M1A	02/12/2003	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1A	04/14/2003	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1D	04/14/2003	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1A	05/23/2003	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1A	06/19/2003	E314.0	PERCHLORATE	0.35	J	UG/L	3	130	140	86.1	96.1		
	W02-03M1A	07/21/2003	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1A	08/13/2003	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1A	09/17/2003	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1A	10/13/2003	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1A	11/08/2003	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1A	12/08/2003	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1A	01/08/2004	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1D	01/08/2004	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1A	02/16/2004	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1A	03/15/2004	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1D	03/15/2004	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1A	04/08/2004	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1A	06/17/2004	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1A	07/16/2004	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1A	08/16/2004	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1A	09/13/2004	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1A	10/11/2004	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1A	11/11/2004	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1A	12/13/2004	E314.0	PERCHLORATE	0.4	J	UG/L	II	130	140	86.1	96.1		
	W02-03M1A	01/12/2005	E314.0	{ND on all 1} analytes				3	130	140	86.1	96.1		
	W02-03M1A	02/16/2005	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1A	03/24/2005	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1A	05/27/2005	E314.0	PERCHLORATE	0.85	J	UG/L	II	130	140	86.1	96.1		
	W02-03M1A	07/14/2005	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1A	10/13/2005	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
	W02-03M1D	10/13/2005	E314.0	{ND on all 1} analytes				II	130	140	86.1	96.1		
02-03M2	W02-03M2A	04/17/2002	8330N	{ND on all 19} analytes				II	92	102	48.15	58.15		
	W02-03M2A	04/17/2002	E314.0	PERCHLORATE	0.49	J	UG/L	II	92	102	48.15	58.15		
	W02-03M2A	04/17/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	92	102	48.15	58.15	80	
	W02-03M2A	05/16/2002	8330N	{ND on all 19} analytes				II	92	102	48.15	58.15		
	W02-03M2A	05/16/2002	E314.0	{ND on all 1} analytes				II	92	102	48.15	58.15		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-03M2A	05/16/2002	OC21V	1,4-DICHLOROBENZENE	0.2	J	UG/L	II	92	102	48.15	58.15	75	
	W02-03M2A	05/16/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	92	102	48.15	58.15	80	
	W02-03M2A	06/24/2002	8330N	{ND on all 19} analytes				II	92	102	48.15	58.15		
	W02-03M2A	06/24/2002	E314.0	PERCHLORATE	0.44	J	UG/L	II	92	102	48.15	58.15		
	W02-03M2A	06/24/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	92	102	48.15	58.15	80	
	W02-03M2A	07/27/2002	E314.0	PERCHLORATE	0.54	J	UG/L	II	92	102	48.15	58.15		
	W02-03M2A	08/24/2002	E314.0	PERCHLORATE	0.39	J	UG/L	3	92	102	48.15	58.15		
	W02-03M2A	09/23/2002	E314.0	{ND on all 1} analytes				II	92	102	48.15	58.15		
	W02-03M2A	10/18/2002	8330N	{ND on all 19} analytes				II	92	102	48.15	58.15		
	W02-03M2A	10/18/2002	E314.0	{ND on all 1} analytes				II	92	102	48.15	58.15		
	W02-03M2A	10/18/2002	OC21V	CHLOROFORM	1		UG/L	II	92	102	48.15	58.15	80	
	W02-03M2A	12/16/2002	8330N	{ND on all 19} analytes				II	92	102	48.15	58.15		
	W02-03M2A	12/16/2002	E314.0	{ND on all 1} analytes				II	92	102	48.15	58.15		
	W02-03M2A	12/16/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	92	102	48.15	58.15	80	
	W02-03M2A	01/17/2003	E314.0	PERCHLORATE	0.36	J	UG/L	3	92	102	48.15	58.15		
	W02-03M2A	02/12/2003	E314.0	{ND on all 1} analytes				II	92	102	48.15	58.15		
	W02-03M2A	04/14/2003	E314.0	PERCHLORATE	0.37	J	UG/L	II	92	102	48.15	58.15		
	W02-03M2A	05/23/2003	E314.0	{ND on all 1} analytes				II	92	102	48.15	58.15		
	W02-03M2A	06/19/2003	E314.0	{ND on all 1} analytes				3	92	102	48.15	58.15		
	W02-03M2A	07/21/2003	E314.0	{ND on all 1} analytes				II	92	102	48.15	58.15		
	W02-03M2A	08/13/2003	E314.0	{ND on all 1} analytes				II	92	102	48.15	58.15		
	W02-03M2D	08/13/2003	E314.0	PERCHLORATE	0.37	J	UG/L	II	92	102	48.15	58.15		
	W02-03M2A	09/17/2003	E314.0	PERCHLORATE	0.38	J	UG/L	II	92	102	48.15	58.15		
	W02-03M2A	10/13/2003	E314.0	PERCHLORATE	0.36	J	UG/L	II	92	102	48.15	58.15		
	W02-03M2A	11/08/2003	E314.0	PERCHLORATE	0.38	J	UG/L	II	92	102	48.15	58.15		
	W02-03M2D	11/08/2003	E314.0	{ND on all 1} analytes				II	92	102	48.15	58.15		
	W02-03M2A	12/09/2003	E314.0	{ND on all 1} analytes				II	92	102	48.15	58.15		
	W02-03M2A	01/08/2004	E314.0	{ND on all 1} analytes				II	92	102	48.15	58.15		
	W02-03M2A	02/16/2004	E314.0	{ND on all 1} analytes				II	92	102	48.15	58.15		
	W02-03M2A	03/12/2004	E314.0	{ND on all 1} analytes				II	92	102	48.15	58.15		
	W02-03M2A	04/08/2004	E314.0	{ND on all 1} analytes				II	92	102	48.15	58.15		
	W02-03M2A	06/17/2004	E314.0	PERCHLORATE	0.36	J	UG/L	II	92	102	48.15	58.15		
	W02-03M2A	07/16/2004	E314.0	{ND on all 1} analytes				II	92	102	48.15	58.15		
	W02-03M2A	08/16/2004	E314.0	{ND on all 1} analytes				II	92	102	48.15	58.15		
	W02-03M2A	09/13/2004	E314.0	{ND on all 1} analytes				II	92	102	48.15	58.15		
	W02-03M2D	09/13/2004	E314.0	PERCHLORATE	0.37	J	UG/L	II	92	102	48.15	58.15		
	W02-03M2A	10/11/2004	E314.0	{ND on all 1} analytes				II	92	102	48.15	58.15		
	W02-03M2A	11/11/2004	E314.0	{ND on all 1} analytes				II	92	102	48.15	58.15		
	W02-03M2A	12/13/2004	E314.0	{ND on all 1} analytes				II	92	102	48.15	58.15		
	W02-03M2A	01/12/2005	E314.0	{ND on all 1} analytes				3	92	102	48.15	58.15		
	W02-03M2A	02/16/2005	E314.0	{ND on all 1} analytes				II	92	102	48.15	58.15		
	W02-03M2A	03/24/2005	E314.0	{ND on all 1} analytes				II	92	102	48.15	58.15		
	W02-03M2A	05/27/2005	E314.0	{ND on all 1} analytes				II	92	102	48.15	58.15		
	W02-03M2A	07/15/2005	E314.0	PERCHLORATE	0.36	J	UG/L	II	92	102	48.15	58.15		
	W02-03M2A	10/13/2005	E314.0	{ND on all 1} analytes				II	92	102	48.15	58.15		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
02-03M3	W02-03M3A	04/17/2002	8330N	{ND on all 19} analytes				II	75	85	31.05	41.05		
	W02-03M3A	04/17/2002	E314.0	{ND on all 1} analytes				II	75	85	31.05	41.05		
	W02-03M3A	04/17/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	75	85	31.05	41.05	80	
	W02-03M3A	05/16/2002	8330N	{ND on all 19} analytes				II	75	85	31.05	41.05		
	W02-03M3D	05/16/2002	8330N	{ND on all 19} analytes				II	75	85	31.05	41.05		
	W02-03M3A	05/16/2002	E314.0	{ND on all 1} analytes				II	75	85	31.05	41.05		
	W02-03M3D	05/16/2002	E314.0	{ND on all 1} analytes				II	75	85	31.05	41.05		
	W02-03M3A	05/16/2002	OC21V	1,4-DICHLOROBENZENE	0.3	J	UG/L	II	75	85	31.05	41.05	75	
	W02-03M3A	05/16/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	75	85	31.05	41.05	80	
	W02-03M3D	05/16/2002	OC21V	1,4-DICHLOROBENZENE	0.3	J	UG/L	II	75	85	31.05	41.05	75	
	W02-03M3D	05/16/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	75	85	31.05	41.05	80	
	W02-03M3A	06/24/2002	8330N	{ND on all 19} analytes				II	75	85	31.05	41.05		
	W02-03M3D	06/24/2002	8330N	{ND on all 19} analytes				II	75	85	31.05	41.05		
	W02-03M3A	06/24/2002	E314.0	PERCHLORATE	0.65	J	UG/L	II	75	85	31.05	41.05		
	W02-03M3D	06/24/2002	E314.0	{ND on all 1} analytes				II	75	85	31.05	41.05		
	W02-03M3A	06/24/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	75	85	31.05	41.05	80	
	W02-03M3D	06/24/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	75	85	31.05	41.05	80	
	W02-03M3A	07/27/2002	E314.0	PERCHLORATE	0.66	J	UG/L	II	75	85	31.05	41.05		
	W02-03M3A	08/24/2002	E314.0	{ND on all 1} analytes				3	75	85	31.05	41.05		
	W02-03M3A	09/23/2002	E314.0	{ND on all 1} analytes				II	75	85	31.05	41.05		
	W02-03M3A	10/18/2002	8330N	{ND on all 19} analytes				II	75	85	31.05	41.05		
	W02-03M3A	10/18/2002	E314.0	{ND on all 1} analytes				II	75	85	31.05	41.05		
	W02-03M3A	10/18/2002	OC21V	CHLOROFORM	1		UG/L	II	75	85	31.05	41.05	80	
	W02-03M3A	12/16/2002	8330N	{ND on all 19} analytes				II	75	85	31.05	41.05		
	W02-03M3A	12/16/2002	E314.0	PERCHLORATE	0.45	J	UG/L	II	75	85	31.05	41.05		
	W02-03M3A	12/16/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	75	85	31.05	41.05	80	
	W02-03M3A	01/17/2003	E314.0	{ND on all 1} analytes				3	75	85	31.05	41.05		
	W02-03M3A	02/12/2003	E314.0	{ND on all 1} analytes				II	75	85	31.05	41.05		
	W02-03M3A	04/14/2003	E314.0	{ND on all 1} analytes				II	75	85	31.05	41.05		
	W02-03M3A	05/23/2003	E314.0	{ND on all 1} analytes				II	75	85	31.05	41.05		
	W02-03M3A	06/19/2003	E314.0	{ND on all 1} analytes				3	75	85	31.05	41.05		
	W02-03M3A	07/21/2003	E314.0	{ND on all 1} analytes				II	75	85	31.05	41.05		
	W02-03M3A	08/14/2003	E314.0	{ND on all 1} analytes				II	75	85	31.05	41.05		
	W02-03M3A	09/18/2003	E314.0	PERCHLORATE	0.37	J	UG/L	3	75	85	31.05	41.05		
	W02-03M3A	10/13/2003	E314.0	{ND on all 1} analytes				II	75	85	31.05	41.05		
	W02-03M3A	11/08/2003	E314.0	{ND on all 1} analytes				II	75	85	31.05	41.05		
	W02-03M3A	12/08/2003	E314.0	PERCHLORATE	0.38	J	UG/L	II	75	85	31.05	41.05		
	W02-03M3A	01/08/2004	E314.0	{ND on all 1} analytes				II	75	85	31.05	41.05		
	W02-03M3A	02/16/2004	E314.0	{ND on all 1} analytes				II	75	85	31.05	41.05		
	W02-03M3A	03/12/2004	E314.0	{ND on all 1} analytes				II	75	85	31.05	41.05		
	W02-03M3A	04/08/2004	E314.0	{ND on all 1} analytes				II	75	85	31.05	41.05		
	W02-03M3A	06/17/2004	E314.0	{ND on all 1} analytes				II	75	85	31.05	41.05		
	W02-03M3A	07/26/2004	E314.0	{ND on all 1} analytes				II	75	85	31.05	41.05		
	W02-03M3D	07/26/2004	E314.0	{ND on all 1} analytes				II	75	85	31.05	41.05		
	W02-03M3A	08/16/2004	E314.0	{ND on all 1} analytes				II	75	85	31.05	41.05		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-03M3D	08/16/2004	E314.0	{ND on all 1} analytes				II	75	85	31.05	41.05		
	W02-03M3A	09/13/2004	E314.0	{ND on all 1} analytes				II	75	85	31.05	41.05		
	W02-03M3A	10/11/2004	E314.0	{ND on all 1} analytes				II	75	85	31.05	41.05		
	W02-03M3A	11/11/2004	E314.0	{ND on all 1} analytes				II	75	85	31.05	41.05		
	W02-03M3A	12/14/2004	E314.0	{ND on all 1} analytes				II	75	85	31.05	41.05		
	W02-03M3A	01/13/2005	E314.0	PERCHLORATE	0.36	J	UG/L	II	75	85	31.05	41.05		
	W02-03M3A	02/17/2005	E314.0	{ND on all 1} analytes				II	75	85	31.05	41.05		
	W02-03M3A	03/24/2005	E314.0	{ND on all 1} analytes				II	75	85	31.05	41.05		
	W02-03M3A	06/07/2005	E314.0	{ND on all 1} analytes				II	75	85	31.05	41.05		
	W02-03M3A	07/15/2005	E314.0	{ND on all 1} analytes				II	75	85	31.05	41.05		
	W02-03M3A	10/13/2005	E314.0	{ND on all 1} analytes				II	75	85	31.05	41.05		
02-04M1	W02-04M1A	04/29/2002	8330N	{ND on all 19} analytes				II	123	133	73.97	83.97		
	W02-04M1A	04/29/2002	E314.0	PERCHLORATE	0.61	J	UG/L	II	123	133	73.97	83.97		
	W02-04M1A	04/29/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	123	133	73.97	83.97	80	
	W02-04M1A	04/29/2002	OC21V	TRICHLOROETHYLENE (TCE)	1		UG/L	II	123	133	73.97	83.97	5	
	W02-04M1A	05/29/2002	8330N	{ND on all 19} analytes				II	123	133	73.97	83.97		
	W02-04M1A	05/29/2002	E314.0	{ND on all 1} analytes				II	123	133	73.97	83.97		
	W02-04M1A	05/29/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	123	133	73.97	83.97	80	
	W02-04M1A	05/29/2002	OC21V	TRICHLOROETHYLENE (TCE)	1		UG/L	II	123	133	73.97	83.97	5	
	W02-04M1A	06/29/2002	8330N	{ND on all 19} analytes				II	123	133	73.97	83.97		
	W02-04M1A	06/29/2002	E314.0	{ND on all 1} analytes				II	123	133	73.97	83.97		
	W02-04M1A	06/29/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	123	133	73.97	83.97	80	
	W02-04M1A	06/29/2002	OC21V	TRICHLOROETHYLENE (TCE)	0.8	J	UG/L	II	123	133	73.97	83.97	5	
	W02-04M1A	07/27/2002	E314.0	PERCHLORATE	0.4	J	UG/L	II	123	133	73.97	83.97		
	W02-04M1A	08/27/2002	E314.0	{ND on all 1} analytes				II	123	133	73.97	83.97		
	W02-04M1D	08/27/2002	E314.0	{ND on all 1} analytes				II	123	133	73.97	83.97		
	W02-04M1A	09/25/2002	E314.0	{ND on all 1} analytes				II	123	133	73.97	83.97		
	W02-04M1D	09/25/2002	E314.0	{ND on all 1} analytes				II	123	133	73.97	83.97		
	W02-04M1A	10/24/2002	8330N	{ND on all 19} analytes				II	123	133	73.97	83.97		
	W02-04M1A	10/24/2002	E314.0	{ND on all 1} analytes				II	123	133	73.97	83.97		
	W02-04M1A	10/24/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	123	133	73.97	83.97	80	
	W02-04M1A	10/24/2002	OC21V	TRICHLOROETHYLENE (TCE)	1		UG/L	II	123	133	73.97	83.97	5	
	W02-04M1A	12/16/2002	8330N	{ND on all 19} analytes				II	123	133	73.97	83.97		
	W02-04M1A	12/16/2002	E314.0	PERCHLORATE	0.39	J	UG/L	II	123	133	73.97	83.97		
	W02-04M1A	12/16/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	123	133	73.97	83.97	80	
	W02-04M1A	12/16/2002	OC21V	TRICHLOROETHYLENE (TCE)	1		UG/L	II	123	133	73.97	83.97	5	
	W02-04M1A	01/17/2003	E314.0	{ND on all 1} analytes				II	123	133	73.97	83.97		
	W02-04M1A	02/22/2003	E314.0	{ND on all 1} analytes				II	123	133	73.97	83.97		
	W02-04M1A	04/18/2003	E314.0	{ND on all 1} analytes				3	123	133	73.97	83.97		
	W02-04M1A	05/16/2003	E314.0	{ND on all 1} analytes				II	123	133	73.97	83.97		
	W02-04M1A	06/13/2003	E314.0	{ND on all 1} analytes				II	123	133	73.97	83.97		
	W02-04M1A	07/09/2003	E314.0	{ND on all 1} analytes				II	123	133	73.97	83.97		
	W02-04M1A	08/07/2003	E314.0	{ND on all 1} analytes				II	123	133	73.97	83.97		
	W02-04M1A	09/19/2003	E314.0	{ND on all 1} analytes				3	123	133	73.97	83.97		
	W02-04M1A	10/21/2003	E314.0	{ND on all 1} analytes				II	123	133	73.97	83.97		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-04M1A	11/08/2003	E314.0	PERCHLORATE	0.47	J	UG/L	II	123	133	73.97	83.97		
	W02-04M1A	12/02/2003	E314.0	{ND on all 1} analytes				II	123	133	73.97	83.97		
	W02-04M1A	01/13/2004	E314.0	{ND on all 1} analytes				II	123	133	73.97	83.97		
	W02-04M1A	02/16/2004	E314.0	{ND on all 1} analytes				II	123	133	73.97	83.97		
	W02-04M1A	03/15/2004	E314.0	PERCHLORATE	0.36	J	UG/L	II	123	133	73.97	83.97		
	W02-04M1A	04/09/2004	E314.0	PERCHLORATE	0.56	J	UG/L	II	123	133	73.97	83.97		
	W02-04M1A	06/01/2004	E314.0	PERCHLORATE	0.41	J	UG/L	3	123	133	73.97	83.97		
	W02-04M1A	06/24/2004	E314.0	PERCHLORATE	0.36	J	UG/L	II	123	133	73.97	83.97		
	W02-04M1A	07/27/2004	E314.0	PERCHLORATE	0.38	J	UG/L	II	123	133	73.97	83.97		
	W02-04M1A	08/17/2004	E314.0	{ND on all 1} analytes				II	123	133	73.97	83.97		
	W02-04M1A	09/17/2004	E314.0	PERCHLORATE	0.46	J	UG/L	II	123	133	73.97	83.97		
	W02-04M1A	10/14/2004	E314.0	PERCHLORATE	0.48	J	UG/L	II	123	133	73.97	83.97		
	W02-04M1A	11/29/2004	E314.0	PERCHLORATE	0.59	J	UG/L	II	123	133	73.97	83.97		
	W02-04M1A	12/13/2004	E314.0	PERCHLORATE	0.54	J	UG/L	II	123	133	73.97	83.97		
	W02-04M1A	01/12/2005	E314.0	PERCHLORATE	0.51	J	UG/L	3	123	133	73.97	83.97		
	W02-04M1A	02/15/2005	E314.0	PERCHLORATE	0.44	J	UG/L	II	123	133	73.97	83.97		
	W02-04M1A	03/11/2005	E314.0	PERCHLORATE	0.4	J	UG/L	II	123	133	73.97	83.97		
	W02-04M1A	05/17/2005	E314.0	PERCHLORATE	0.39	J	UG/L	II	123	133	73.97	83.97		
	W02-04M1A	07/28/2005	E314.0	{ND on all 1} analytes				3	123	133	73.97	83.97		
	W02-04M1A	12/01/2005	E314.0	{ND on all 1} analytes				II	123	133	73.97	83.97		
02-04M2	W02-04M2A	04/29/2002	8330N	{ND on all 19} analytes				II	98	108	48.93	58.93		
	W02-04M2A	04/29/2002	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
	W02-04M2A	04/29/2002	OC21V	CHLOROFORM	1		UG/L	II	98	108	48.93	58.93	80	
	W02-04M2A	04/29/2002	OC21V	TRICHLOROETHYLENE (TCE)	0.4	J	UG/L	II	98	108	48.93	58.93	5	
	W02-04M2A	05/29/2002	8330N	{ND on all 19} analytes				II	98	108	48.93	58.93		
	W02-04M2A	05/29/2002	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
	W02-04M2A	05/29/2002	OC21V	CHLOROFORM	1		UG/L	II	98	108	48.93	58.93	80	
	W02-04M2A	05/29/2002	OC21V	TRICHLOROETHYLENE (TCE)	0.5	J	UG/L	II	98	108	48.93	58.93	5	
	W02-04M2A	06/29/2002	8330N	{ND on all 19} analytes				II	98	108	48.93	58.93		
	W02-04M2A	06/29/2002	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
	W02-04M2A	06/29/2002	OC21V	CHLOROFORM	1		UG/L	II	98	108	48.93	58.93	80	
	W02-04M2A	06/29/2002	OC21V	TRICHLOROETHYLENE (TCE)	0.4	J	UG/L	II	98	108	48.93	58.93	5	
	W02-04M2A	07/27/2002	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
	W02-04M2A	08/27/2002	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
	W02-04M2A	09/26/2002	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
	W02-04M2A	10/25/2002	8330N	{ND on all 19} analytes				II	98	108	48.93	58.93		
	W02-04M2A	10/25/2002	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
	W02-04M2A	10/25/2002	OC21V	CHLOROFORM	1		UG/L	II	98	108	48.93	58.93	80	
	W02-04M2A	10/25/2002	OC21V	TRICHLOROETHYLENE (TCE)	0.5	J	UG/L	II	98	108	48.93	58.93	5	
	W02-04M2A	12/16/2002	8330N	{ND on all 19} analytes				II	98	108	48.93	58.93		
	W02-04M2A	12/16/2002	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
	W02-04M2A	12/16/2002	OC21V	CHLOROFORM	2		UG/L	II	98	108	48.93	58.93	80	
	W02-04M2A	12/16/2002	OC21V	TRICHLOROETHYLENE (TCE)	0.6	J	UG/L	II	98	108	48.93	58.93	5	
	W02-04M2A	01/17/2003	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
	W02-04M2A	02/22/2003	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-04M2A	04/17/2003	E314.0	{ND on all 1} analytes				3	98	108	48.93	58.93		
	W02-04M2A	05/16/2003	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
	W02-04M2A	06/13/2003	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
	W02-04M2A	07/09/2003	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
	W02-04M2A	08/07/2003	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
	W02-04M2A	09/19/2003	E314.0	{ND on all 1} analytes				3	98	108	48.93	58.93		
	W02-04M2A	10/21/2003	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
	W02-04M2A	11/08/2003	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
	W02-04M2A	12/02/2003	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
	W02-04M2A	01/13/2004	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
	W02-04M2A	02/16/2004	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
	W02-04M2A	03/15/2004	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
	W02-04M2A	04/09/2004	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
	W02-04M2A	06/01/2004	E314.0	{ND on all 1} analytes				3	98	108	48.93	58.93		
	W02-04M2A	06/24/2004	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
	W02-04M2A	07/27/2004	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
	W02-04M2A	08/17/2004	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
	W02-04M2A	09/17/2004	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
	W02-04M2A	10/18/2004	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
	W02-04M2A	11/24/2004	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
	W02-04M2D	11/24/2004	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
	W02-04M2A	12/13/2004	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
	W02-04M2A	01/12/2005	E314.0	{ND on all 1} analytes				3	98	108	48.93	58.93		
	W02-04M2A	02/16/2005	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
	W02-04M2A	03/11/2005	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
	W02-04M2A	05/17/2005	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
	W02-04M2A	07/28/2005	E314.0	{ND on all 1} analytes				3	98	108	48.93	58.93		
	W02-04M2A	12/01/2005	E314.0	{ND on all 1} analytes				II	98	108	48.93	58.93		
02-04M3	W02-04M3A	04/29/2002	8330N	{ND on all 19} analytes				II	83	93	34.01	44.01		
	W02-04M3A	04/29/2002	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3A	04/29/2002	OC21V	CHLOROFORM	2		UG/L	II	83	93	34.01	44.01	80	
	W02-04M3A	05/30/2002	8330N	{ND on all 19} analytes				II	83	93	34.01	44.01		
	W02-04M3A	05/30/2002	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3A	05/30/2002	OC21V	CHLOROFORM	1		UG/L	II	83	93	34.01	44.01	80	
	W02-04M3A	06/29/2002	8330N	{ND on all 19} analytes				II	83	93	34.01	44.01		
	W02-04M3A	06/29/2002	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3A	06/29/2002	OC21V	CHLOROFORM	1		UG/L	II	83	93	34.01	44.01	80	
	W02-04M3A	07/27/2002	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3A	08/27/2002	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3A	09/26/2002	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3A	10/25/2002	8330N	{ND on all 19} analytes				II	83	93	34.01	44.01		
	W02-04M3A	10/25/2002	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3A	10/25/2002	OC21V	CHLOROFORM	2		UG/L	II	83	93	34.01	44.01	80	
	W02-04M3A	12/16/2002	8330N	{ND on all 19} analytes				II	83	93	34.01	44.01		
	W02-04M3A	12/16/2002	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-04M3A	12/16/2002	OC21V	CHLOROFORM	1		UG/L	II	83	93	34.01	44.01	80	
	W02-04M3A	12/16/2002	OC21V	TRICHLOROETHYLENE (TCE)	0.2	J	UG/L	II	83	93	34.01	44.01	5	
	W02-04M3A	01/17/2003	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3A	02/22/2003	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3A	04/17/2003	E314.0	{ND on all 1} analytes				3	83	93	34.01	44.01		
	W02-04M3A	05/16/2003	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3D	05/16/2003	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3A	06/13/2003	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3A	07/09/2003	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3A	08/07/2003	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3A	09/19/2003	E314.0	{ND on all 1} analytes				3	83	93	34.01	44.01		
	W02-04M3D	09/19/2003	E314.0	{ND on all 1} analytes				3	83	93	34.01	44.01		
	W02-04M3A	10/21/2003	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3D	10/21/2003	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3A	11/08/2003	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3A	12/02/2003	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3A	01/12/2004	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3A	02/16/2004	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3A	03/15/2004	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3A	04/09/2004	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3A	06/01/2004	E314.0	{ND on all 1} analytes				3	83	93	34.01	44.01		
	W02-04M3A	06/24/2004	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3A	07/27/2004	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3A	08/17/2004	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3A	09/17/2004	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3A	10/18/2004	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3A	11/24/2004	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3A	12/13/2004	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3A	01/12/2005	E314.0	{ND on all 1} analytes				3	83	93	34.01	44.01		
	W02-04M3A	02/16/2005	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3D	02/16/2005	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3A	03/17/2005	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3A	05/18/2005	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
	W02-04M3A	07/28/2005	E314.0	{ND on all 1} analytes				3	83	93	34.01	44.01		
	W02-04M3A	12/01/2005	E314.0	{ND on all 1} analytes				II	83	93	34.01	44.01		
02-05M1	W02-05M1A	04/19/2002	8330N	{ND on all 19} analytes				II	110	120	81.44	91.44		
	W02-05M1A	04/19/2002	E314.0	PERCHLORATE	0.6	J	UG/L	II	110	120	81.44	91.44		
	W02-05M1A	04/23/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	110	120	81.44	91.44	80	
	W02-05M1A	05/30/2002	8330N	{ND on all 19} analytes				II	110	120	81.44	91.44		
	W02-05M1A	05/30/2002	E314.0	{ND on all 1} analytes				II	110	120	81.44	91.44		
	W02-05M1A	05/30/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	110	120	81.44	91.44	80	
	W02-05M1A	06/19/2002	8330N	{ND on all 19} analytes				3	110	120	81.44	91.44		
	W02-05M1A	06/19/2002	E314.0	PERCHLORATE	0.4	J	UG/L	II	110	120	81.44	91.44		
	W02-05M1A	06/19/2002	OC21V	CHLOROFORM	0.8	J	UG/L	3	110	120	81.44	91.44	80	
	W02-05M1A	07/25/2002	E314.0	{ND on all 1} analytes				II	110	120	81.44	91.44		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-05M1A	08/24/2002	E314.0	PERCHLORATE	0.39	J	UG/L	3	110	120	81.44	91.44		
	W02-05M1A	09/23/2002	E314.0	PERCHLORATE	0.44	J	UG/L	II	110	120	81.44	91.44		
	W02-05M1A	10/18/2002	8330N	{ND on all 19} analytes				II	110	120	81.44	91.44		
	W02-05M1A	10/18/2002	E314.0	PERCHLORATE	0.48	J	UG/L	II	110	120	81.44	91.44		
	W02-05M1A	10/18/2002	OC21V	CHLOROFORM	0.3	J	UG/L	II	110	120	81.44	91.44	80	
	W02-05M1A	12/12/2002	8330N	{ND on all 19} analytes				II	110	120	81.44	91.44		
	W02-05M1A	12/12/2002	E314.0	PERCHLORATE	0.49	J	UG/L	II	110	120	81.44	91.44		
	W02-05M1A	12/12/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	110	120	81.44	91.44	80	
	W02-05M1A	01/17/2003	E314.0	PERCHLORATE	0.47	J	UG/L	3	110	120	81.44	91.44		
	W02-05M1A	02/25/2003	E314.0	PERCHLORATE	0.39	J	UG/L	3	110	120	81.44	91.44		
	W02-05M1A	04/25/2003	E314.0	PERCHLORATE	0.42	J	UG/L	II	110	120	81.44	91.44		
	W02-05M1A	05/27/2003	E314.0	PERCHLORATE	0.47	J	UG/L	3	110	120	81.44	91.44		
	W02-05M1A	06/20/2003	E314.0	{ND on all 1} analytes				3	110	120	81.44	91.44		
	W02-05M1A	07/24/2003	E314.0	PERCHLORATE	0.46	J	UG/L	II	110	120	81.44	91.44		
	W02-05M1A	08/19/2003	E314.0	PERCHLORATE	0.4	J	UG/L	II	110	120	81.44	91.44		
	W02-05M1A	09/29/2003	E314.0	PERCHLORATE	0.62	J	UG/L	II	110	120	81.44	91.44		
	W02-05M1A	10/23/2003	E314.0	PERCHLORATE	0.44	J	UG/L	II	110	120	81.44	91.44		
	W02-05M1A	11/15/2003	E314.0	PERCHLORATE	0.51	J	UG/L	II	110	120	81.44	91.44		
	W02-05M1A	12/09/2003	E314.0	PERCHLORATE	0.57	J	UG/L	II	110	120	81.44	91.44		
	W02-05M1A	01/19/2004	E314.0	PERCHLORATE	0.56	J	UG/L	II	110	120	81.44	91.44		
	W02-05M1A	02/16/2004	E314.0	PERCHLORATE	0.53	J	UG/L	II	110	120	81.44	91.44		
	W02-05M1A	03/18/2004	E314.0	PERCHLORATE	0.63	J	UG/L	II	110	120	81.44	91.44		
	W02-05M1A	04/15/2004	E314.0	PERCHLORATE	0.49	J	UG/L	II	110	120	81.44	91.44		
	W02-05M1D	04/15/2004	E314.0	PERCHLORATE	0.52	J	UG/L	II	110	120	81.44	91.44		
	W02-05M1A	06/03/2004	E314.0	PERCHLORATE	0.58	J	UG/L	3	110	120	81.44	91.44		
	W02-05M1A	06/28/2004	E314.0	PERCHLORATE	0.46	J	UG/L	II	110	120	81.44	91.44		
	W02-05M1D	06/28/2004	E314.0	PERCHLORATE	0.49	J	UG/L	II	110	120	81.44	91.44		
	W02-05M1A	07/27/2004	E314.0	PERCHLORATE	0.43	J	UG/L	II	110	120	81.44	91.44		
	W02-05M1A	08/23/2004	E314.0	PERCHLORATE	0.45	J	UG/L	II	110	120	81.44	91.44		
	W02-05M1D	08/23/2004	E314.0	PERCHLORATE	0.43	J	UG/L	II	110	120	81.44	91.44		
	W02-05M1A	09/27/2004	E314.0	PERCHLORATE	0.52	J	UG/L	II	110	120	81.44	91.44		
	W02-05M1A	10/21/2004	E314.0	PERCHLORATE	0.45	J	UG/L	3	110	120	81.44	91.44		
	W02-05M1A	11/24/2004	E314.0	PERCHLORATE	0.47	J	UG/L	II	110	120	81.44	91.44		
	W02-05M1A	12/10/2004	E314.0	PERCHLORATE	0.57	J	UG/L	II	110	120	81.44	91.44		
	W02-05M1A	01/14/2005	E314.0	PERCHLORATE	0.46	J	UG/L	II	110	120	81.44	91.44		
	W02-05M1A	02/21/2005	E314.0	PERCHLORATE	0.37	J	UG/L	II	110	120	81.44	91.44		
	W02-05M1A	03/11/2005	E314.0	PERCHLORATE	0.46	J	UG/L	II	110	120	81.44	91.44		
	W02-05M1A	06/10/2005	E314.0	PERCHLORATE	0.37	J	UG/L	II	110	120	81.44	91.44		
	W02-05M1A	07/14/2005	E314.0	PERCHLORATE	0.51	J	UG/L	II	110	120	81.44	91.44		
	W02-05M1A	10/13/2005	E314.0	PERCHLORATE	0.46	J	UG/L	II	110	120	81.44	91.44		
02-05M2	W02-05M2A	04/19/2002	8330N	{ND on all 19} analytes				II	92	102	63.41	73.41		
	W02-05M2A	04/19/2002	E314.0	{ND on all 1} analytes				II	92	102	63.41	73.41		
	W02-05M2A	04/23/2002	OC21V	CHLOROFORM	1		UG/L	II	92	102	63.41	73.41	80	
	W02-05M2A	05/31/2002	8330N	{ND on all 19} analytes				II	92	102	63.41	73.41		
	W02-05M2A	05/31/2002	E314.0	{ND on all 1} analytes				II	92	102	63.41	73.41		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-05M2A	05/31/2002	OC21V	CHLOROFORM	1		UG/L	II	92	102	63.41	73.41	80	
	W02-05M2A	05/31/2002	OC21V	CHLOROMETHANE	1		UG/L	II	92	102	63.41	73.41	30	
	W02-05M2A	06/19/2002	8330N	{ND on all 19} analytes				3	92	102	63.41	73.41		
	W02-05M2A	06/19/2002	E314.0	PERCHLORATE	0.37	J	UG/L	II	92	102	63.41	73.41		
	W02-05M2A	06/19/2002	OC21V	CHLOROFORM	1		UG/L	3	92	102	63.41	73.41	80	
	W02-05M2A	07/24/2002	E314.0	PERCHLORATE	0.41	J	UG/L	II	92	102	63.41	73.41		
	W02-05M2A	08/24/2002	E314.0	PERCHLORATE	0.78	J	UG/L	3	92	102	63.41	73.41		
	W02-05M2D	08/24/2002	E314.0	PERCHLORATE	0.43	J	UG/L	3	92	102	63.41	73.41		
	W02-05M2A	09/23/2002	E314.0	PERCHLORATE	0.39	J	UG/L	II	92	102	63.41	73.41		
	W02-05M2A	10/21/2002	8330N	{ND on all 19} analytes				II	92	102	63.41	73.41		
	W02-05M2A	10/21/2002	E314.0	PERCHLORATE	0.53	J	UG/L	II	92	102	63.41	73.41		
	W02-05M2A	10/21/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	92	102	63.41	73.41	80	
	W02-05M2A	12/13/2002	8330N	{ND on all 19} analytes				II	92	102	63.41	73.41		
	W02-05M2A	12/13/2002	E314.0	PERCHLORATE	0.51	J	UG/L	II	92	102	63.41	73.41		
	W02-05M2A	12/13/2002	OC21V	CHLOROFORM	1		UG/L	II	92	102	63.41	73.41	80	
	W02-05M2A	12/13/2002	OC21V	TOLUENE	0.3	J	UG/L	II	92	102	63.41	73.41	1000	
	W02-05M2A	01/17/2003	E314.0	PERCHLORATE	0.58	J	UG/L	3	92	102	63.41	73.41		
	W02-05M2A	02/25/2003	E314.0	PERCHLORATE	0.54	J	UG/L	3	92	102	63.41	73.41		
	W02-05M2A	04/28/2003	E314.0	PERCHLORATE	0.57	J	UG/L	II	92	102	63.41	73.41		
	W02-05M2D	04/28/2003	E314.0	PERCHLORATE	0.56	J	UG/L	II	92	102	63.41	73.41		
	W02-05M2A	05/27/2003	E314.0	PERCHLORATE	0.5	J	UG/L	3	92	102	63.41	73.41		
	W02-05M2D	05/27/2003	E314.0	PERCHLORATE	0.46	J	UG/L	3	92	102	63.41	73.41		
	W02-05M2A	06/20/2003	E314.0	PERCHLORATE	0.49	J	UG/L	3	92	102	63.41	73.41		
	W02-05M2A	07/24/2003	E314.0	PERCHLORATE	0.45	J	UG/L	II	92	102	63.41	73.41		
	W02-05M2A	08/19/2003	E314.0	PERCHLORATE	0.55	J	UG/L	II	92	102	63.41	73.41		
	W02-05M2A	09/29/2003	E314.0	PERCHLORATE	0.59	J	UG/L	II	92	102	63.41	73.41		
	W02-05M2A	10/23/2003	E314.0	PERCHLORATE	0.44	J	UG/L	II	92	102	63.41	73.41		
	W02-05M2A	11/15/2003	E314.0	PERCHLORATE	0.4	J	UG/L	II	92	102	63.41	73.41		
	W02-05M2A	12/09/2003	E314.0	PERCHLORATE	0.54	J	UG/L	II	92	102	63.41	73.41		
	W02-05M2A	01/19/2004	E314.0	PERCHLORATE	0.46	J	UG/L	II	92	102	63.41	73.41		
	W02-05M2D	01/19/2004	E314.0	PERCHLORATE	0.46	J	UG/L	II	92	102	63.41	73.41		
	W02-05M2A	02/16/2004	E314.0	PERCHLORATE	0.58	J	UG/L	II	92	102	63.41	73.41		
	W02-05M2A	03/18/2004	E314.0	PERCHLORATE	0.54	J	UG/L	II	92	102	63.41	73.41		
	W02-05M2A	04/15/2004	E314.0	PERCHLORATE	0.49	J	UG/L	II	92	102	63.41	73.41		
	W02-05M2A	06/03/2004	E314.0	PERCHLORATE	0.58	J	UG/L	3	92	102	63.41	73.41		
	W02-05M2A	06/28/2004	E314.0	PERCHLORATE	0.52	J	UG/L	II	92	102	63.41	73.41		
	W02-05M2A	07/27/2004	E314.0	PERCHLORATE	0.51	J	UG/L	II	92	102	63.41	73.41		
	W02-05M2A	08/23/2004	E314.0	PERCHLORATE	0.4	J	UG/L	II	92	102	63.41	73.41		
	W02-05M2A	09/27/2004	E314.0	PERCHLORATE	0.47	J	UG/L	II	92	102	63.41	73.41		
	W02-05M2D	09/27/2004	E314.0	PERCHLORATE	0.39	J	UG/L	II	92	102	63.41	73.41		
	W02-05M2A	10/21/2004	E314.0	PERCHLORATE	0.48	J	UG/L	3	92	102	63.41	73.41		
	W02-05M2A	11/24/2004	E314.0	PERCHLORATE	0.36	J	UG/L	II	92	102	63.41	73.41		
	W02-05M2A	12/10/2004	E314.0	PERCHLORATE	0.41	J	UG/L	II	92	102	63.41	73.41		
	W02-05M2A	01/14/2005	E314.0	PERCHLORATE	0.53	J	UG/L	II	92	102	63.41	73.41		
	W02-05M2A	02/22/2005	E314.0	{ND on all 1} analytes				II	92	102	63.41	73.41		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-05M2A	03/14/2005	E314.0	{ND on all 1} analytes				II	92	102	63.41	73.41		
	W02-05M2A	06/10/2005	E314.0	PERCHLORATE	0.41	J	UG/L	II	92	102	63.41	73.41		
	W02-05M2A	07/14/2005	E314.0	{ND on all 1} analytes				II	92	102	63.41	73.41		
	W02-05M2D	07/14/2005	E314.0	{ND on all 1} analytes				II	92	102	63.41	73.41		
	W02-05M2A	10/14/2005	E314.0	PERCHLORATE	0.72	J	UG/L	II	92	102	63.41	73.41		
02-05M3	W02-05M3A	04/22/2002	8330N	{ND on all 19} analytes				II	70	80	41.37	51.37		
	W02-05M3A	04/22/2002	E314.0	{ND on all 1} analytes				II	70	80	41.37	51.37		
	W02-05M3A	04/23/2002	OC21V	CHLOROFORM	1		UG/L	II	70	80	41.37	51.37	80	
	W02-05M3A	05/30/2002	8330N	{ND on all 19} analytes				II	70	80	41.37	51.37		
	W02-05M3A	05/30/2002	E314.0	{ND on all 1} analytes				II	70	80	41.37	51.37		
	W02-05M3A	05/30/2002	OC21V	CHLOROFORM	1		UG/L	II	70	80	41.37	51.37	80	
	W02-05M3A	06/19/2002	8330N	{ND on all 19} analytes				3	70	80	41.37	51.37		
	W02-05M3D	06/19/2002	8330N	{ND on all 19} analytes				3	70	80	41.37	51.37		
	W02-05M3A	06/19/2002	E314.0	PERCHLORATE	0.4	J	UG/L	II	70	80	41.37	51.37		
	W02-05M3D	06/19/2002	E314.0	PERCHLORATE	0.44	J	UG/L	II	70	80	41.37	51.37		
	W02-05M3A	06/19/2002	OC21V	CHLOROFORM	1		UG/L	3	70	80	41.37	51.37	80	
	W02-05M3D	06/19/2002	OC21V	CHLOROFORM	1		UG/L	3	70	80	41.37	51.37	80	
	W02-05M3A	07/25/2002	E314.0	PERCHLORATE	0.49	J	UG/L	II	70	80	41.37	51.37		
	W02-05M3A	08/24/2002	E314.0	{ND on all 1} analytes				3	70	80	41.37	51.37		
	W02-05M3A	09/23/2002	E314.0	PERCHLORATE	0.39	J	UG/L	II	70	80	41.37	51.37		
	W02-05M3A	10/21/2002	8330N	{ND on all 19} analytes				II	70	80	41.37	51.37		
	W02-05M3A	10/21/2002	E314.0	PERCHLORATE	0.36	J	UG/L	II	70	80	41.37	51.37		
	W02-05M3A	10/21/2002	OC21V	CHLOROFORM	0.3	J	UG/L	II	70	80	41.37	51.37	80	
	W02-05M3A	12/13/2002	8330N	{ND on all 19} analytes				II	70	80	41.37	51.37		
	W02-05M3A	12/13/2002	E314.0	{ND on all 1} analytes				II	70	80	41.37	51.37		
	W02-05M3A	12/13/2002	OC21V	CHLOROFORM	1		UG/L	II	70	80	41.37	51.37	80	
	W02-05M3A	01/17/2003	E314.0	PERCHLORATE	0.35	J	UG/L	3	70	80	41.37	51.37		
	W02-05M3A	02/25/2003	E314.0	{ND on all 1} analytes				3	70	80	41.37	51.37		
	W02-05M3D	02/25/2003	E314.0	{ND on all 1} analytes				3	70	80	41.37	51.37		
	W02-05M3A	04/29/2003	E314.0	PERCHLORATE	0.4	J	UG/L	II	70	80	41.37	51.37		
	W02-05M3A	05/27/2003	E314.0	{ND on all 1} analytes				3	70	80	41.37	51.37		
	W02-05M3A	06/20/2003	E314.0	{ND on all 1} analytes				3	70	80	41.37	51.37		
	W02-05M3A	07/24/2003	E314.0	{ND on all 1} analytes				II	70	80	41.37	51.37		
	W02-05M3A	08/19/2003	E314.0	PERCHLORATE	0.36	J	UG/L	II	70	80	41.37	51.37		
	W02-05M3A	09/29/2003	E314.0	PERCHLORATE	0.47	J	UG/L	II	70	80	41.37	51.37		
	W02-05M3A	10/23/2003	E314.0	PERCHLORATE	0.37	J	UG/L	II	70	80	41.37	51.37		
	W02-05M3D	10/23/2003	E314.0	PERCHLORATE	0.44	J	UG/L	II	70	80	41.37	51.37		
	W02-05M3A	11/15/2003	E314.0	{ND on all 1} analytes				II	70	80	41.37	51.37		
	W02-05M3A	12/09/2003	E314.0	PERCHLORATE	0.39	J	UG/L	II	70	80	41.37	51.37		
	W02-05M3A	01/19/2004	E314.0	PERCHLORATE	0.38	J	UG/L	II	70	80	41.37	51.37		
	W02-05M3A	02/16/2004	E314.0	PERCHLORATE	0.39	J	UG/L	II	70	80	41.37	51.37		
	W02-05M3A	03/18/2004	E314.0	PERCHLORATE	0.41	J	UG/L	II	70	80	41.37	51.37		
	W02-05M3A	04/15/2004	E314.0	PERCHLORATE	0.55	J	UG/L	II	70	80	41.37	51.37		
	W02-05M3A	06/03/2004	E314.0	PERCHLORATE	0.55	J	UG/L	3	70	80	41.37	51.37		
	W02-05M3A	06/28/2004	E314.0	PERCHLORATE	0.43	J	UG/L	II	70	80	41.37	51.37		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-05M3A	07/27/2004	E314.0	PERCHLORATE	0.51	J	UG/L	II	70	80	41.37	51.37		
	W02-05M3A	08/23/2004	E314.0	{ND on all 1} analytes				II	70	80	41.37	51.37		
	W02-05M3A	09/27/2004	E314.0	{ND on all 1} analytes				II	70	80	41.37	51.37		
	W02-05M3A	10/21/2004	E314.0	{ND on all 1} analytes				II	70	80	41.37	51.37		
	W02-05M3A	11/24/2004	E314.0	{ND on all 1} analytes				II	70	80	41.37	51.37		
	W02-05M3A	12/10/2004	E314.0	PERCHLORATE	0.4	J	UG/L	II	70	80	41.37	51.37		
	W02-05M3A	01/14/2005	E314.0	{ND on all 1} analytes				II	70	80	41.37	51.37		
	W02-05M3D	01/14/2005	E314.0	PERCHLORATE	0.39	J	UG/L	II	70	80	41.37	51.37		
	W02-05M3A	02/22/2005	E314.0	{ND on all 1} analytes				II	70	80	41.37	51.37		
	W02-05M3A	03/14/2005	E314.0	{ND on all 1} analytes				II	70	80	41.37	51.37		
	W02-05M3A	06/10/2005	E314.0	{ND on all 1} analytes				3	70	80	41.37	51.37		
	W02-05M3A	07/14/2005	E314.0	{ND on all 1} analytes				II	70	80	41.37	51.37		
	W02-05M3A	10/17/2005	E314.0	{ND on all 1} analytes				II	70	80	41.37	51.37		
02-07M1	W02-07M1A	05/28/2002	8330N	{ND on all 19} analytes				II	135	145	101.14	111.14		
	W02-07M1A	05/28/2002	E314.0	{ND on all 1} analytes				II	135	145	101.14	111.14		
	W02-07M1A	05/28/2002	OC21V	CHLOROFORM	0.3	J	UG/L	II	135	145	101.14	111.14	80	
	W02-07M1A	06/24/2002	8330N	{ND on all 19} analytes				II	135	145	101.14	111.14		
	W02-07M1A	06/24/2002	E314.0	{ND on all 1} analytes				II	135	145	101.14	111.14		
	W02-07M1A	06/24/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	135	145	101.14	111.14	80	
	W02-07M1A	07/30/2002	8330N	{ND on all 19} analytes				II	135	145	101.14	111.14		
	W02-07M1A	07/30/2002	E314.0	{ND on all 1} analytes				II	135	145	101.14	111.14		
	W02-07M1A	07/30/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	135	145	101.14	111.14	80	
	W02-07M1A	08/29/2002	E314.0	{ND on all 1} analytes				II	135	145	101.14	111.14		
	W02-07M1A	09/28/2002	E314.0	{ND on all 1} analytes				II	135	145	101.14	111.14		
	W02-07M1A	10/30/2002	8330N	{ND on all 19} analytes				II	135	145	101.14	111.14		
	W02-07M1A	10/30/2002	E314.0	{ND on all 1} analytes				II	135	145	101.14	111.14		
	W02-07M1A	10/30/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	135	145	101.14	111.14	80	
	W02-07M1A	12/11/2002	8330N	{ND on all 19} analytes				II	135	145	101.14	111.14		
	W02-07M1A	12/11/2002	E314.0	{ND on all 1} analytes				II	135	145	101.14	111.14		
	W02-07M1A	12/11/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	135	145	101.14	111.14	80	
	W02-07M1A	01/17/2003	E314.0	{ND on all 1} analytes				3	135	145	101.14	111.14		
	W02-07M1A	02/24/2003	E314.0	{ND on all 1} analytes				3	135	145	101.14	111.14		
	W02-07M1A	03/12/2003	E314.0	{ND on all 1} analytes				II	135	145	101.14	111.14		
	W02-07M1A	04/03/2003	8330N	{ND on all 19} analytes				3	135	145	101.14	111.14		
	W02-07M1D	04/03/2003	8330N	{ND on all 19} analytes				3	135	145	101.14	111.14		
	W02-07M1A	04/03/2003	E314.0	{ND on all 1} analytes				II	135	145	101.14	111.14		
	W02-07M1D	04/03/2003	E314.0	{ND on all 1} analytes				II	135	145	101.14	111.14		
	W02-07M1A	04/03/2003	OC21V	CHLOROFORM	0.3	J	UG/L	3	135	145	101.14	111.14	80	
	W02-07M1D	04/03/2003	OC21V	CHLOROFORM	0.4	J	UG/L	3	135	145	101.14	111.14	80	
	W02-07M1A	05/05/2003	E314.0	{ND on all 1} analytes				II	135	145	101.14	111.14		
	W02-07M1A	06/04/2003	E314.0	{ND on all 1} analytes				II	135	145	101.14	111.14		
	W02-07M1A	07/07/2003	E314.0	{ND on all 1} analytes				II	135	145	101.14	111.14		
	W02-07M1A	08/06/2003	E314.0	{ND on all 1} analytes				II	135	145	101.14	111.14		
	W02-07M1D	08/06/2003	E314.0	{ND on all 1} analytes				II	135	145	101.14	111.14		
	W02-07M1A	09/09/2003	8330N	{ND on all 19} analytes				II	135	145	101.14	111.14		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-07M1A	09/09/2003	OC21V	CHLOROFORM	0.4	J	UG/L	II	135	145	101.14	111.14	80	
	W02-07M1A	09/10/2003	E314.0	{ND on all 1} analytes				II	135	145	101.14	111.14		
	W02-07M1A	10/07/2003	E314.0	{ND on all 1} analytes				II	135	145	101.14	111.14		
	W02-07M1A	11/03/2003	E314.0	{ND on all 1} analytes				II	135	145	101.14	111.14		
	W02-07M1A	12/05/2003	E314.0	{ND on all 1} analytes				II	135	145	101.14	111.14		
	W02-07M1A	01/06/2004	8330N	{ND on all 19} analytes				II	135	145	101.14	111.14		
	W02-07M1A	01/06/2004	E314.0	{ND on all 1} analytes				II	135	145	101.14	111.14		
	W02-07M1A	01/06/2004	OC21VM	CHLOROFORM	0.6	J	UG/L	II	135	145	101.14	111.14	80	
	W02-07M1A	02/16/2004	E314.0	{ND on all 1} analytes				II	135	145	101.14	111.14		
	W02-07M1A	03/12/2004	E314.0	{ND on all 1} analytes				II	135	145	101.14	111.14		
	W02-07M1A	04/15/2004	E314.0	{ND on all 1} analytes				II	135	145	101.14	111.14		
	W02-07M1A	08/05/2004	E314.0	{ND on all 1} analytes				II	135	145	101.14	111.14		
	W02-07M1A	11/29/2004	E314.0	{ND on all 1} analytes				II	135	145	101.14	111.14		
	W02-07M1A	06/13/2005	E314.0	{ND on all 1} analytes				II	135	145	101.14	111.14		
	W02-07M1A	08/09/2005	E314.0	{ND on all 1} analytes				II	135	145	101.14	111.14		
	W02-07M1A	11/30/2005	E314.0	{ND on all 1} analytes				II	135	145	101.14	111.14		
02-07M2	W02-07M2A	05/28/2002	8330N	{ND on all 19} analytes				II	107	117	72.86	82.86		
	W02-07M2A	05/28/2002	E314.0	{ND on all 1} analytes				II	107	117	72.86	82.86		
	W02-07M2A	05/28/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	107	117	72.86	82.86	80	
	W02-07M2A	06/25/2002	8330N	{ND on all 19} analytes				II	107	117	72.86	82.86		
	W02-07M2A	06/25/2002	E314.0	{ND on all 1} analytes				II	107	117	72.86	82.86		
	W02-07M2A	06/25/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	107	117	72.86	82.86	80	
	W02-07M2A	07/29/2002	8330N	{ND on all 19} analytes				II	107	117	72.86	82.86		
	W02-07M2A	07/29/2002	E314.0	{ND on all 1} analytes				II	107	117	72.86	82.86		
	W02-07M2A	07/29/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	107	117	72.86	82.86	80	
	W02-07M2A	08/29/2002	E314.0	{ND on all 1} analytes				II	107	117	72.86	82.86		
	W02-07M2A	09/30/2002	E314.0	{ND on all 1} analytes				II	107	117	72.86	82.86		
	W02-07M2A	10/30/2002	8330N	{ND on all 19} analytes				II	107	117	72.86	82.86		
	W02-07M2A	10/30/2002	E314.0	{ND on all 1} analytes				II	107	117	72.86	82.86		
	W02-07M2A	10/30/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	107	117	72.86	82.86	80	
	W02-07M2A	12/11/2002	8330N	{ND on all 19} analytes				II	107	117	72.86	82.86		
	W02-07M2A	12/11/2002	E314.0	{ND on all 1} analytes				II	107	117	72.86	82.86		
	W02-07M2A	12/11/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	107	117	72.86	82.86	80	
	W02-07M2A	01/20/2003	E314.0	{ND on all 1} analytes				3	107	117	72.86	82.86		
	W02-07M2A	02/24/2003	E314.0	{ND on all 1} analytes				3	107	117	72.86	82.86		
	W02-07M2A	03/12/2003	E314.0	{ND on all 1} analytes				II	107	117	72.86	82.86		
	W02-07M2A	04/03/2003	8330N	{ND on all 19} analytes				3	107	117	72.86	82.86		
	W02-07M2A	04/03/2003	E314.0	{ND on all 1} analytes				II	107	117	72.86	82.86		
	W02-07M2A	04/03/2003	OC21V	CHLOROFORM	0.4	J	UG/L	3	107	117	72.86	82.86	80	
	W02-07M2A	05/05/2003	E314.0	{ND on all 1} analytes				II	107	117	72.86	82.86		
	W02-07M2A	06/04/2003	E314.0	{ND on all 1} analytes				II	107	117	72.86	82.86		
	W02-07M2A	07/07/2003	E314.0	{ND on all 1} analytes				II	107	117	72.86	82.86		
	W02-07M2A	08/06/2003	E314.0	{ND on all 1} analytes				II	107	117	72.86	82.86		
	W02-07M2A	09/09/2003	8330N	{ND on all 19} analytes				II	107	117	72.86	82.86		
	W02-07M2A	09/09/2003	OC21V	CHLOROFORM	0.6	J	UG/L	II	107	117	72.86	82.86	80	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-07M2A	09/10/2003	E314.0	{ND on all 1} analytes				II	107	117	72.86	82.86		
	W02-07M2A	10/07/2003	E314.0	{ND on all 1} analytes				II	107	117	72.86	82.86		
	W02-07M2A	11/03/2003	E314.0	{ND on all 1} analytes				II	107	117	72.86	82.86		
	W02-07M2A	12/02/2003	E314.0	{ND on all 1} analytes				II	107	117	72.86	82.86		
	W02-07M2A	01/06/2004	8330N	{ND on all 19} analytes				II	107	117	72.86	82.86		
	W02-07M2A	01/06/2004	E314.0	{ND on all 1} analytes				II	107	117	72.86	82.86		
	W02-07M2A	01/06/2004	OC21VM	CHLOROFORM	0.6	J	UG/L	II	107	117	72.86	82.86	80	
	W02-07M2A	01/06/2004	OC21VM	CHLOROMETHANE	0.9	J	UG/L	II	107	117	72.86	82.86	30	
	W02-07M2A	02/16/2004	E314.0	{ND on all 1} analytes				II	107	117	72.86	82.86		
	W02-07M2A	03/12/2004	E314.0	{ND on all 1} analytes				II	107	117	72.86	82.86		
	W02-07M2A	04/15/2004	E314.0	{ND on all 1} analytes				II	107	117	72.86	82.86		
	W02-07M2A	08/05/2004	E314.0	{ND on all 1} analytes				II	107	117	72.86	82.86		
	W02-07M2D	08/05/2004	E314.0	{ND on all 1} analytes				II	107	117	72.86	82.86		
	W02-07M2A	11/29/2004	E314.0	{ND on all 1} analytes				II	107	117	72.86	82.86		
	W02-07M2A	06/10/2005	E314.0	{ND on all 1} analytes				3	107	117	72.86	82.86		
	W02-07M2A	08/09/2005	E314.0	{ND on all 1} analytes				II	107	117	72.86	82.86		
	W02-07M2A	11/30/2005	E314.0	{ND on all 1} analytes				II	107	117	72.86	82.86		
02-07M3	W02-07M3A	05/28/2002	8330N	{ND on all 19} analytes				II	47	57	13	23		
	W02-07M3A	05/28/2002	E314.0	{ND on all 1} analytes				II	47	57	13	23		
	W02-07M3A	05/28/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	47	57	13	23	80	
	W02-07M3A	06/25/2002	8330N	{ND on all 19} analytes				II	47	57	13	23		
	W02-07M3A	06/25/2002	E314.0	{ND on all 1} analytes				II	47	57	13	23		
	W02-07M3A	06/25/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	47	57	13	23	80	
	W02-07M3A	07/30/2002	8330N	{ND on all 19} analytes				II	47	57	13	23		
	W02-07M3D	07/30/2002	8330N	{ND on all 19} analytes				II	47	57	13	23		
	W02-07M3A	07/30/2002	E314.0	{ND on all 1} analytes				II	47	57	13	23		
	W02-07M3D	07/30/2002	E314.0	PERCHLORATE	0.46	J	UG/L	II	47	57	13	23		
	W02-07M3A	07/30/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	47	57	13	23	80	
	W02-07M3D	07/30/2002	OC21V	CHLOROFORM	1		UG/L	II	47	57	13	23	80	
	W02-07M3A	08/29/2002	E314.0	{ND on all 1} analytes				II	47	57	13	23		
	W02-07M3D	08/29/2002	E314.0	PERCHLORATE	0.43	J	UG/L	II	47	57	13	23		
	W02-07M3A	09/30/2002	E314.0	PERCHLORATE	0.47	J	UG/L	II	47	57	13	23		
	W02-07M3D	09/30/2002	E314.0	{ND on all 1} analytes				II	47	57	13	23		
	W02-07M3A	10/30/2002	8330N	{ND on all 19} analytes				II	47	57	13	23		
	W02-07M3A	10/30/2002	E314.0	PERCHLORATE	0.36	J	UG/L	II	47	57	13	23		
	W02-07M3A	10/30/2002	OC21V	CHLOROFORM	1		UG/L	II	47	57	13	23	80	
	W02-07M3A	12/11/2002	8330N	{ND on all 19} analytes				II	47	57	13	23		
	W02-07M3A	12/11/2002	E314.0	PERCHLORATE	0.38	J	UG/L	II	47	57	13	23		
	W02-07M3A	12/11/2002	OC21V	CHLOROFORM	1		UG/L	II	47	57	13	23	80	
	W02-07M3A	01/20/2003	E314.0	{ND on all 1} analytes				3	47	57	13	23		
	W02-07M3A	02/24/2003	E314.0	{ND on all 1} analytes				3	47	57	13	23		
	W02-07M3A	03/12/2003	E314.0	{ND on all 1} analytes				II	47	57	13	23		
	W02-07M3A	04/03/2003	8330N	{ND on all 19} analytes				II	47	57	13	23		
	W02-07M3A	04/03/2003	E314.0	PERCHLORATE	0.39	J	UG/L	II	47	57	13	23		
	W02-07M3A	04/03/2003	OC21V	CHLOROFORM	1		UG/L	II	47	57	13	23	80	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-07M3A	05/05/2003	E314.0	PERCHLORATE	0.37	J	UG/L	II	47	57	13	23		
	W02-07M3A	06/04/2003	E314.0	PERCHLORATE	0.36	J	UG/L	II	47	57	13	23		
	W02-07M3A	07/08/2003	E314.0	PERCHLORATE	0.36	J	UG/L	II	47	57	13	23		
	W02-07M3A	08/07/2003	E314.0	{ND on all 1} analytes				II	47	57	13	23		
	W02-07M3A	09/09/2003	8330N	{ND on all 19} analytes				II	47	57	13	23		
	W02-07M3A	09/09/2003	OC21V	CHLOROFORM	1		UG/L	II	47	57	13	23	80	
	W02-07M3A	09/10/2003	E314.0	{ND on all 1} analytes				II	47	57	13	23		
	W02-07M3A	10/07/2003	E314.0	{ND on all 1} analytes				II	47	57	13	23		
	W02-07M3A	11/03/2003	E314.0	{ND on all 1} analytes				II	47	57	13	23		
	W02-07M3A	12/08/2003	E314.0	{ND on all 1} analytes				II	47	57	13	23		
	W02-07M3A	01/06/2004	8330N	{ND on all 19} analytes				II	47	57	13	23		
	W02-07M3A	01/06/2004	E314.0	{ND on all 1} analytes				II	47	57	13	23		
	W02-07M3A	01/06/2004	OC21VM	CHLOROFORM	1		UG/L	II	47	57	13	23	80	
	W02-07M3A	01/06/2004	OC21VM	CHLOROMETHANE	0.5	J	UG/L	II	47	57	13	23	30	
	W02-07M3A	02/16/2004	E314.0	{ND on all 1} analytes				II	47	57	13	23		
	W02-07M3D	02/16/2004	E314.0	{ND on all 1} analytes				II	47	57	13	23		
	W02-07M3A	03/12/2004	E314.0	{ND on all 1} analytes				II	47	57	13	23		
	W02-07M3A	04/15/2004	E314.0	{ND on all 1} analytes				II	47	57	13	23		
	W02-07M3A	08/05/2004	E314.0	{ND on all 1} analytes				II	47	57	13	23		
	W02-07M3A	11/29/2004	E314.0	{ND on all 1} analytes				II	47	57	13	23		
	W02-07M3A	06/10/2005	E314.0	{ND on all 1} analytes				3	47	57	13	23		
	W02-07M3A	08/09/2005	E314.0	{ND on all 1} analytes				II	47	57	13	23		
	W02-07M3A	11/30/2005	E314.0	{ND on all 1} analytes				II	47	57	13	23		
02-08M1	W02-08M1A	05/09/2002	8330N	{ND on all 19} analytes				II	108	113	86.56	91.56		
	W02-08M1A	05/09/2002	E314.0	{ND on all 1} analytes				3	108	113	86.56	91.56		
	W02-08M1A	05/09/2002	OC21V	{ND on all 44} analytes				II	108	113	86.56	91.56		
	W02-08M1A	06/22/2002	8330N	{ND on all 19} analytes				II	108	113	86.56	91.56		
	W02-08M1A	06/22/2002	E314.0	{ND on all 1} analytes				II	108	113	86.56	91.56		
	W02-08M1A	06/22/2002	OC21V	{ND on all 44} analytes				II	108	113	86.56	91.56		
	W02-08M1A	07/27/2002	8330N	{ND on all 19} analytes				II	108	113	86.56	91.56		
	W02-08M1A	07/27/2002	E314.0	{ND on all 1} analytes				II	108	113	86.56	91.56		
	W02-08M1A	07/27/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	108	113	86.56	91.56	80	
	W02-08M1A	08/28/2002	E314.0	{ND on all 1} analytes				II	108	113	86.56	91.56		
	W02-08M1A	09/27/2002	E314.0	{ND on all 1} analytes				II	108	113	86.56	91.56		
	W02-08M1A	10/30/2002	8330N	{ND on all 19} analytes				II	108	113	86.56	91.56		
	W02-08M1A	10/30/2002	E314.0	{ND on all 1} analytes				II	108	113	86.56	91.56		
	W02-08M1A	10/30/2002	OC21V	{ND on all 43} analytes				II	108	113	86.56	91.56		
	W02-08M1A	12/16/2002	E314.0	{ND on all 1} analytes				II	108	113	86.56	91.56		
	W02-08M1A	01/21/2003	E314.0	{ND on all 1} analytes				II	108	113	86.56	91.56		
	W02-08M1A	02/11/2003	8330N	{ND on all 19} analytes				II	108	113	86.56	91.56		
	W02-08M1A	02/11/2003	E314.0	{ND on all 1} analytes				II	108	113	86.56	91.56		
	W02-08M1A	02/11/2003	OC21V	{ND on all 43} analytes				II	108	113	86.56	91.56		
	W02-08M1A	03/11/2003	E314.0	{ND on all 1} analytes				II	108	113	86.56	91.56		
	W02-08M1A	03/13/2003	E314.0	{ND on all 1} analytes				II	108	113	86.56	91.56		
	W02-08M1D	03/13/2003	E314.0	{ND on all 1} analytes				II	108	113	86.56	91.56		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-08M1A	04/16/2003	8330N	{ND on all 19} analytes				II	108	113	86.56	91.56		
	W02-08M1A	04/16/2003	E314.0	{ND on all 1} analytes				II	108	113	86.56	91.56		
	W02-08M1A	04/16/2003	OC21V	{ND on all 44} analytes				II	108	113	86.56	91.56		
	W02-08M1A	05/27/2003	E314.0	{ND on all 1} analytes				3	108	113	86.56	91.56		
	W02-08M1A	06/20/2003	E314.0	{ND on all 1} analytes				3	108	113	86.56	91.56		
	W02-08M1A	07/21/2003	E314.0	{ND on all 1} analytes				II	108	113	86.56	91.56		
	W02-08M1A	08/14/2003	E314.0	{ND on all 1} analytes				II	108	113	86.56	91.56		
	W02-08M1A	09/17/2003	8330N	{ND on all 19} analytes				II	108	113	86.56	91.56		
	W02-08M1A	09/17/2003	E314.0	{ND on all 1} analytes				II	108	113	86.56	91.56		
	W02-08M1A	09/17/2003	OC21V	{ND on all 44} analytes				II	108	113	86.56	91.56		
	W02-08M1A	10/13/2003	E314.0	{ND on all 1} analytes				II	108	113	86.56	91.56		
	W02-08M1A	11/08/2003	E314.0	{ND on all 1} analytes				II	108	113	86.56	91.56		
	W02-08M1A	12/09/2003	E314.0	{ND on all 1} analytes				II	108	113	86.56	91.56		
	W02-08M1A	01/08/2004	8330N	{ND on all 19} analytes				II	108	113	86.56	91.56		
	W02-08M1A	01/08/2004	E314.0	{ND on all 1} analytes				II	108	113	86.56	91.56		
	W02-08M1A	01/08/2004	OC21VM	{ND on all 45} analytes				II	108	113	86.56	91.56		
	W02-08M1A	02/16/2004	E314.0	{ND on all 1} analytes				II	108	113	86.56	91.56		
	W02-08M1A	03/15/2004	E314.0	{ND on all 1} analytes				II	108	113	86.56	91.56		
	W02-08M1A	04/21/2004	E314.0	{ND on all 1} analytes				II	108	113	86.56	91.56		
	W02-08M1A	08/02/2004	E314.0	{ND on all 1} analytes				II	108	113	86.56	91.56		
	W02-08M1A	12/16/2004	E314.0	{ND on all 1} analytes				II	108	113	86.56	91.56		
	W02-08M1A	05/31/2005	E314.0	{ND on all 1} analytes				3	108	113	86.56	91.56		
	W02-08M1A	07/28/2005	E314.0	{ND on all 1} analytes				3	108	113	86.56	91.56		
	W02-08M1A	12/01/2005	E314.0	{ND on all 1} analytes				II	108	113	86.56	91.56		
02-08M2	W02-08M2A	05/08/2002	8330N	{ND on all 19} analytes				II	82	87	60.65	65.65		
	W02-08M2A	05/08/2002	E314.0	{ND on all 1} analytes				3	82	87	60.65	65.65		
	W02-08M2A	05/08/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	82	87	60.65	65.65	80	
	W02-08M2A	06/22/2002	8330N	{ND on all 19} analytes				II	82	87	60.65	65.65		
	W02-08M2A	06/22/2002	E314.0	PERCHLORATE	0.38	J	UG/L	II	82	87	60.65	65.65		
	W02-08M2A	06/22/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	82	87	60.65	65.65	80	
	W02-08M2A	07/27/2002	8330N	{ND on all 19} analytes				II	82	87	60.65	65.65		
	W02-08M2A	07/27/2002	E314.0	{ND on all 1} analytes				II	82	87	60.65	65.65		
	W02-08M2A	07/27/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	82	87	60.65	65.65	80	
	W02-08M2A	08/28/2002	E314.0	PERCHLORATE	0.57	J	UG/L	II	82	87	60.65	65.65		
	W02-08M2A	09/27/2002	E314.0	PERCHLORATE	0.38	J	UG/L	II	82	87	60.65	65.65		
	W02-08M2A	10/31/2002	8330N	{ND on all 19} analytes				II	82	87	60.65	65.65		
	W02-08M2A	10/31/2002	E314.0	PERCHLORATE	0.49	J	UG/L	II	82	87	60.65	65.65		
	W02-08M2A	10/31/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	82	87	60.65	65.65	80	
	W02-08M2A	12/16/2002	E314.0	PERCHLORATE	0.36	J	UG/L	II	82	87	60.65	65.65		
	W02-08M2A	01/21/2003	E314.0	PERCHLORATE	0.47	J	UG/L	II	82	87	60.65	65.65		
	W02-08M2A	02/11/2003	8330N	{ND on all 19} analytes				II	82	87	60.65	65.65		
	W02-08M2A	02/11/2003	E314.0	PERCHLORATE	0.4	J	UG/L	II	82	87	60.65	65.65		
	W02-08M2A	02/11/2003	OC21V	CHLOROFORM	0.5	J	UG/L	II	82	87	60.65	65.65	80	
	W02-08M2A	03/13/2003	E314.0	PERCHLORATE	0.38	J	UG/L	II	82	87	60.65	65.65		
	W02-08M2A	04/16/2003	8330N	{ND on all 19} analytes				II	82	87	60.65	65.65		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-08M2A	04/16/2003	E314.0	{ND on all 1} analytes				II	82	87	60.65	65.65		
	W02-08M2A	04/16/2003	OC21V	CHLOROFORM	0.5	J	UG/L	II	82	87	60.65	65.65	80	
	W02-08M2A	05/27/2003	E314.0	{ND on all 1} analytes				3	82	87	60.65	65.65		
	W02-08M2A	06/20/2003	E314.0	{ND on all 1} analytes				3	82	87	60.65	65.65		
	W02-08M2A	07/21/2003	E314.0	{ND on all 1} analytes				II	82	87	60.65	65.65		
	W02-08M2A	08/14/2003	E314.0	{ND on all 1} analytes				II	82	87	60.65	65.65		
	W02-08M2A	09/17/2003	8330N	{ND on all 19} analytes				II	82	87	60.65	65.65		
	W02-08M2A	09/17/2003	E314.0	{ND on all 1} analytes				II	82	87	60.65	65.65		
	W02-08M2A	09/17/2003	OC21V	ACETONE	1	J	UG/L	II	82	87	60.65	65.65		
	W02-08M2A	09/17/2003	OC21V	CHLOROFORM	0.6	J	UG/L	II	82	87	60.65	65.65	80	
	W02-08M2A	10/13/2003	E314.0	{ND on all 1} analytes				II	82	87	60.65	65.65		
	W02-08M2D	10/13/2003	E314.0	{ND on all 1} analytes				II	82	87	60.65	65.65		
	W02-08M2A	11/08/2003	E314.0	{ND on all 1} analytes				II	82	87	60.65	65.65		
	W02-08M2A	12/09/2003	E314.0	{ND on all 1} analytes				II	82	87	60.65	65.65		
	W02-08M2A	01/08/2004	8330N	{ND on all 19} analytes				II	82	87	60.65	65.65		
	W02-08M2D	01/08/2004	8330N	{ND on all 19} analytes				II	82	87	60.65	65.65		
	W02-08M2A	01/08/2004	E314.0	{ND on all 1} analytes				II	82	87	60.65	65.65		
	W02-08M2D	01/08/2004	E314.0	{ND on all 1} analytes				II	82	87	60.65	65.65		
	W02-08M2A	01/08/2004	OC21VM	CHLOROFORM	0.8	J	UG/L	II	82	87	60.65	65.65	80	
	W02-08M2A	01/08/2004	OC21VM	TERT-BUTYL METHYL ETHER	0.2	J	UG/L	II	82	87	60.65	65.65	20	
	W02-08M2D	01/08/2004	OC21VM	CHLOROFORM	0.7	J	UG/L	II	82	87	60.65	65.65	80	
	W02-08M2D	01/08/2004	OC21VM	TERT-BUTYL METHYL ETHER	0.2	J	UG/L	II	82	87	60.65	65.65	20	
	W02-08M2A	02/16/2004	E314.0	{ND on all 1} analytes				II	82	87	60.65	65.65		
	W02-08M2A	03/18/2004	E314.0	{ND on all 1} analytes				II	82	87	60.65	65.65		
	W02-08M2A	04/21/2004	E314.0	{ND on all 1} analytes				II	82	87	60.65	65.65		
	W02-08M2D	04/21/2004	E314.0	{ND on all 1} analytes				II	82	87	60.65	65.65		
	W02-08M2A	08/02/2004	E314.0	{ND on all 1} analytes				II	82	87	60.65	65.65		
	W02-08M2A	12/16/2004	E314.0	{ND on all 1} analytes				II	82	87	60.65	65.65		
	W02-08M2A	05/31/2005	E314.0	{ND on all 1} analytes				3	82	87	60.65	65.65		
	W02-08M2A	07/28/2005	E314.0	{ND on all 1} analytes				3	82	87	60.65	65.65		
	W02-08M2A	12/01/2005	E314.0	{ND on all 1} analytes				II	82	87	60.65	65.65		
02-08M3	W02-08M3A	05/09/2002	8330N	{ND on all 19} analytes				II	62	67	40.58	45.58		
	W02-08M3D	05/09/2002	8330N	{ND on all 19} analytes				II	62	67	40.58	45.58		
	W02-08M3A	05/09/2002	E314.0	PERCHLORATE	0.47	J	UG/L	II	62	67	40.58	45.58		
	W02-08M3D	05/09/2002	E314.0	PERCHLORATE	0.4	J	UG/L	II	62	67	40.58	45.58		
	W02-08M3A	05/09/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	62	67	40.58	45.58	80	
	W02-08M3D	05/09/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	62	67	40.58	45.58	80	
	W02-08M3A	06/22/2002	8330N	{ND on all 19} analytes				II	62	67	40.58	45.58		
	W02-08M3A	06/22/2002	E314.0	PERCHLORATE	0.38	J	UG/L	II	62	67	40.58	45.58		
	W02-08M3A	06/22/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	62	67	40.58	45.58	80	
	W02-08M3A	07/27/2002	8330N	{ND on all 19} analytes				II	62	67	40.58	45.58		
	W02-08M3A	07/27/2002	E314.0	PERCHLORATE	0.37	J	UG/L	II	62	67	40.58	45.58		
	W02-08M3A	07/27/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	62	67	40.58	45.58	80	
	W02-08M3A	08/27/2002	E314.0	PERCHLORATE	0.5	J	UG/L	II	62	67	40.58	45.58		
	W02-08M3A	09/28/2002	E314.0	PERCHLORATE	0.57	J	UG/L	II	62	67	40.58	45.58		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-08M3A	10/31/2002	8330N	{ND on all 19} analytes				II	62	67	40.58	45.58		
	W02-08M3A	10/31/2002	E314.0	PERCHLORATE	0.62	J	UG/L	II	62	67	40.58	45.58		
	W02-08M3A	10/31/2002	OC21V	CHLOROFORM	1		UG/L	II	62	67	40.58	45.58	80	
	W02-08M3A	12/19/2002	E314.0	PERCHLORATE	0.39	J	UG/L	II	62	67	40.58	45.58		
	W02-08M3A	01/21/2003	E314.0	PERCHLORATE	0.46	J	UG/L	II	62	67	40.58	45.58		
	W02-08M3D	01/21/2003	E314.0	PERCHLORATE	0.46	J	UG/L	II	62	67	40.58	45.58		
	W02-08M3A	02/11/2003	8330N	{ND on all 19} analytes				II	62	67	40.58	45.58		
	W02-08M3A	02/11/2003	E314.0	PERCHLORATE	0.41	J	UG/L	II	62	67	40.58	45.58		
	W02-08M3A	02/11/2003	OC21V	CHLOROFORM	1		UG/L	II	62	67	40.58	45.58	80	
	W02-08M3A	03/13/2003	E314.0	PERCHLORATE	0.42	J	UG/L	II	62	67	40.58	45.58		
	W02-08M3A	04/16/2003	8330N	{ND on all 19} analytes				II	62	67	40.58	45.58		
	W02-08M3A	04/16/2003	E314.0	PERCHLORATE	0.36	J	UG/L	II	62	67	40.58	45.58		
	W02-08M3A	04/16/2003	OC21V	CHLOROFORM	1		UG/L	II	62	67	40.58	45.58	80	
	W02-08M3A	05/27/2003	E314.0	{ND on all 1} analytes				3	62	67	40.58	45.58		
	W02-08M3A	06/20/2003	E314.0	{ND on all 1} analytes				3	62	67	40.58	45.58		
	W02-08M3D	06/20/2003	E314.0	{ND on all 1} analytes				3	62	67	40.58	45.58		
	W02-08M3A	07/22/2003	E314.0	{ND on all 1} analytes				II	62	67	40.58	45.58		
	W02-08M3D	07/22/2003	E314.0	{ND on all 1} analytes				II	62	67	40.58	45.58		
	W02-08M3A	08/14/2003	E314.0	{ND on all 1} analytes				II	62	67	40.58	45.58		
	W02-08M3A	09/18/2003	8330N	{ND on all 19} analytes				II	62	67	40.58	45.58		
	W02-08M3A	09/18/2003	E314.0	{ND on all 1} analytes				3	62	67	40.58	45.58		
	W02-08M3A	09/18/2003	OC21V	{ND on all 44} analytes				II	62	67	40.58	45.58		
	W02-08M3A	10/13/2003	E314.0	{ND on all 1} analytes				II	62	67	40.58	45.58		
	W02-08M3A	11/08/2003	E314.0	{ND on all 1} analytes				II	62	67	40.58	45.58		
	W02-08M3A	12/09/2003	E314.0	PERCHLORATE	0.35	J	UG/L	II	62	67	40.58	45.58		
	W02-08M3A	01/08/2004	8330N	{ND on all 19} analytes				II	62	67	40.58	45.58		
	W02-08M3A	01/08/2004	E314.0	{ND on all 1} analytes				II	62	67	40.58	45.58		
	W02-08M3A	01/08/2004	OC21VM	CHLOROFORM	1		UG/L	II	62	67	40.58	45.58	80	
	W02-08M3A	02/16/2004	E314.0	{ND on all 1} analytes				II	62	67	40.58	45.58		
	W02-08M3A	03/18/2004	E314.0	{ND on all 1} analytes				II	62	67	40.58	45.58		
	W02-08M3A	04/21/2004	E314.0	PERCHLORATE	0.35	J	UG/L	II	62	67	40.58	45.58		
	W02-08M3A	08/03/2004	E314.0	PERCHLORATE	0.44	J	UG/L	II	62	67	40.58	45.58		
	W02-08M3A	12/16/2004	E314.0	{ND on all 1} analytes				II	62	67	40.58	45.58		
	W02-08M3A	06/01/2005	E314.0	{ND on all 1} analytes				3	62	67	40.58	45.58		
	W02-08M3D	06/01/2005	E314.0	{ND on all 1} analytes				3	62	67	40.58	45.58		
	W02-08M3A	07/28/2005	E314.0	{ND on all 1} analytes				3	62	67	40.58	45.58		
	W02-08M3A	12/02/2005	E314.0	{ND on all 1} analytes				II	62	67	40.58	45.58		
	W02-08M3D	12/02/2005	E314.0	{ND on all 1} analytes				II	62	67	40.58	45.58		
02-09M1	W02-09M1A	04/25/2002	8330N	{ND on all 19} analytes				3	74	84	65.26	75.26		
	W02-09M1A	04/25/2002	E314.0	{ND on all 1} analytes				II	74	84	65.26	75.26		
	W02-09M1A	04/25/2002	OC21V	CHLOROFORM	0.5	J	UG/L	3	74	84	65.26	75.26	80	
	W02-09M1A	05/28/2002	8330N	{ND on all 19} analytes				II	74	84	65.26	75.26		
	W02-09M1A	05/28/2002	E314.0	PERCHLORATE	0.45	J	UG/L	II	74	84	65.26	75.26		
	W02-09M1A	05/28/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	74	84	65.26	75.26	80	
	W02-09M1A	06/29/2002	8330N	{ND on all 19} analytes				II	74	84	65.26	75.26		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-09M1A	06/29/2002	E314.0	PERCHLORATE	0.35	J	UG/L	II	74	84	65.26	75.26		
	W02-09M1A	06/29/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	74	84	65.26	75.26	80	
	W02-09M1A	07/30/2002	8330N	{ND on all 19} analytes				II	74	84	65.26	75.26		
	W02-09M1A	07/30/2002	E314.0	{ND on all 1} analytes				II	74	84	65.26	75.26		
	W02-09M1A	07/30/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	74	84	65.26	75.26	80	
	W02-09M1A	08/29/2002	8330N	{ND on all 19} analytes				II	74	84	65.26	75.26		
	W02-09M1A	08/29/2002	E314.0	PERCHLORATE	0.51	J	UG/L	II	74	84	65.26	75.26		
	W02-09M1A	08/29/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	74	84	65.26	75.26	80	
	W02-09M1A	09/27/2002	E314.0	PERCHLORATE	0.38	J	UG/L	II	74	84	65.26	75.26		
	W02-09M1A	11/06/2002	E314.0	PERCHLORATE	0.48	J	UG/L	II	74	84	65.26	75.26		
	W02-09M1A	12/20/2002	E314.0	PERCHLORATE	0.37	J	UG/L	II	74	84	65.26	75.26		
	W02-09M1A	01/17/2003	E314.0	PERCHLORATE	0.37	J	UG/L	3	74	84	65.26	75.26		
	W02-09M1A	02/11/2003	8330N	{ND on all 19} analytes				II	74	84	65.26	75.26		
	W02-09M1A	02/11/2003	E314.0	PERCHLORATE	0.37	J	UG/L	II	74	84	65.26	75.26		
	W02-09M1A	02/11/2003	OC21V	CHLOROFORM	0.5	J	UG/L	II	74	84	65.26	75.26	80	
	W02-09M1A	03/12/2003	E314.0	PERCHLORATE	0.41	J	UG/L	II	74	84	65.26	75.26		
	W02-09M1A	04/04/2003	8330N	{ND on all 19} analytes				II	74	84	65.26	75.26		
	W02-09M1A	04/04/2003	E314.0	PERCHLORATE	0.4	J	UG/L	II	74	84	65.26	75.26		
	W02-09M1A	04/04/2003	OC21V	CHLOROFORM	0.6	J	UG/L	II	74	84	65.26	75.26	80	
	W02-09M1A	05/14/2003	E314.0	PERCHLORATE	0.48	J	UG/L	II	74	84	65.26	75.26		
	W02-09M1A	06/17/2003	E314.0	{ND on all 1} analytes				II	74	84	65.26	75.26		
	W02-09M1A	07/16/2003	E314.0	PERCHLORATE	0.4	J	UG/L	II	74	84	65.26	75.26		
	W02-09M1A	08/13/2003	E314.0	{ND on all 1} analytes				II	74	84	65.26	75.26		
	W02-09M1A	09/18/2003	8330N	{ND on all 19} analytes				II	74	84	65.26	75.26		
	W02-09M1A	09/18/2003	E314.0	PERCHLORATE	0.42	J	UG/L	3	74	84	65.26	75.26		
	W02-09M1A	09/18/2003	OC21V	CHLOROFORM	0.9	J	UG/L	II	74	84	65.26	75.26	80	
	W02-09M1A	10/21/2003	E314.0	PERCHLORATE	0.57	J	UG/L	II	74	84	65.26	75.26		
	W02-09M1A	11/08/2003	E314.0	PERCHLORATE	0.48	J	UG/L	II	74	84	65.26	75.26		
	W02-09M1A	12/17/2003	E314.0	{ND on all 1} analytes				II	74	84	65.26	75.26		
	W02-09M1A	01/19/2004	8330N	{ND on all 19} analytes				II	74	84	65.26	75.26		
	W02-09M1A	01/19/2004	E314.0	{ND on all 1} analytes				II	74	84	65.26	75.26		
	W02-09M1A	01/19/2004	OC21VM	CHLOROFORM	0.7	J	UG/L	II	74	84	65.26	75.26	80	
	W02-09M1A	02/17/2004	E314.0	PERCHLORATE	0.35	J	UG/L	II	74	84	65.26	75.26		
	W02-09M1A	03/18/2004	E314.0	PERCHLORATE	0.36	J	UG/L	II	74	84	65.26	75.26		
	W02-09M1D	03/18/2004	E314.0	PERCHLORATE	0.35	J	UG/L	II	74	84	65.26	75.26		
	W02-09M1A	04/16/2004	E314.0	PERCHLORATE	0.41	J	UG/L	II	74	84	65.26	75.26		
	W02-09M1D	04/16/2004	E314.0	PERCHLORATE	0.42	J	UG/L	II	74	84	65.26	75.26		
	W02-09M1A	08/12/2004	E314.0	PERCHLORATE	0.39	J	UG/L	II	74	84	65.26	75.26		
	W02-09M1A	12/23/2004	E314.0	{ND on all 1} analytes				II	74	84	65.26	75.26		
	W02-09M1A	06/10/2005	E314.0	{ND on all 1} analytes				II	74	84	65.26	75.26		
	W02-09M1A	09/09/2005	E314.0	{ND on all 1} analytes				3	74	84	65.26	75.26		
	W02-09M1A	12/13/2005	E314.0	{ND on all 1} analytes				II	74	84	65.26	75.26		
02-09M2	W02-09M2A	04/26/2002	8330N	{ND on all 19} analytes				II	59	69	50.3	60.3		
	W02-09M2A	04/26/2002	E314.0	PERCHLORATE	0.4	J	UG/L	II	59	69	50.3	60.3		
	W02-09M2A	04/26/2002	OC21V	CHLOROFORM	1		UG/L	II	59	69	50.3	60.3	80	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-09M2A	05/28/2002	8330N	{ND on all 19} analytes				II	59	69	50.3	60.3		
	W02-09M2A	05/28/2002	E314.0	PERCHLORATE	0.45	J	UG/L	II	59	69	50.3	60.3		
	W02-09M2A	05/28/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	59	69	50.3	60.3	80	
	W02-09M2A	06/29/2002	8330N	{ND on all 19} analytes				II	59	69	50.3	60.3		
	W02-09M2A	06/29/2002	E314.0	PERCHLORATE	0.65	J	UG/L	II	59	69	50.3	60.3		
	W02-09M2A	06/29/2002	OC21V	CHLOROFORM	1		UG/L	II	59	69	50.3	60.3	80	
	W02-09M2A	07/30/2002	8330N	{ND on all 19} analytes				II	59	69	50.3	60.3		
	W02-09M2A	07/30/2002	E314.0	PERCHLORATE	0.64	J	UG/L	II	59	69	50.3	60.3		
	W02-09M2A	07/30/2002	OC21V	CHLOROFORM	1		UG/L	II	59	69	50.3	60.3	80	
	W02-09M2A	08/29/2002	8330N	{ND on all 19} analytes				II	59	69	50.3	60.3		
	W02-09M2A	08/29/2002	E314.0	PERCHLORATE	0.55	J	UG/L	II	59	69	50.3	60.3		
	W02-09M2A	08/29/2002	OC21V	CHLOROFORM	1		UG/L	II	59	69	50.3	60.3	80	
	W02-09M2A	09/27/2002	E314.0	PERCHLORATE	0.49	J	UG/L	II	59	69	50.3	60.3		
	W02-09M2A	11/06/2002	E314.0	PERCHLORATE	0.67	J	UG/L	II	59	69	50.3	60.3		
	W02-09M2A	12/20/2002	E314.0	PERCHLORATE	0.56	J	UG/L	3	59	69	50.3	60.3		
	W02-09M2A	01/17/2003	E314.0	PERCHLORATE	0.42	J	UG/L	3	59	69	50.3	60.3		
	W02-09M2D	01/17/2003	E314.0	PERCHLORATE	0.45	J	UG/L	3	59	69	50.3	60.3		
	W02-09M2A	02/11/2003	8330N	{ND on all 19} analytes				II	59	69	50.3	60.3		
	W02-09M2A	02/11/2003	E314.0	PERCHLORATE	0.55	J	UG/L	II	59	69	50.3	60.3		
	W02-09M2A	02/11/2003	OC21V	CHLOROFORM	1		UG/L	II	59	69	50.3	60.3	80	
	W02-09M2A	03/12/2003	E314.0	PERCHLORATE	0.49	J	UG/L	II	59	69	50.3	60.3		
	W02-09M2A	04/04/2003	8330N	{ND on all 19} analytes				II	59	69	50.3	60.3		
	W02-09M2A	04/04/2003	E314.0	PERCHLORATE	0.52	J	UG/L	II	59	69	50.3	60.3		
	W02-09M2A	04/04/2003	OC21V	CHLOROFORM	1		UG/L	II	59	69	50.3	60.3	80	
	W02-09M2A	05/14/2003	E314.0	PERCHLORATE	0.46	J	UG/L	II	59	69	50.3	60.3		
	W02-09M2A	06/17/2003	E314.0	PERCHLORATE	0.45	J	UG/L	II	59	69	50.3	60.3		
	W02-09M2A	07/16/2003	E314.0	PERCHLORATE	0.49	J	UG/L	II	59	69	50.3	60.3		
	W02-09M2A	08/13/2003	E314.0	PERCHLORATE	0.39	J	UG/L	II	59	69	50.3	60.3		
	W02-09M2D	08/13/2003	E314.0	PERCHLORATE	0.39	J	UG/L	II	59	69	50.3	60.3		
	W02-09M2A	09/18/2003	8330N	{ND on all 19} analytes				II	59	69	50.3	60.3		
	W02-09M2D	09/18/2003	8330N	{ND on all 19} analytes				II	59	69	50.3	60.3		
	W02-09M2A	09/18/2003	E314.0	PERCHLORATE	0.47	J	UG/L	3	59	69	50.3	60.3		
	W02-09M2D	09/18/2003	E314.0	PERCHLORATE	0.41	J	UG/L	3	59	69	50.3	60.3		
	W02-09M2A	09/18/2003	OC21V	CHLOROFORM	1		UG/L	II	59	69	50.3	60.3	80	
	W02-09M2D	09/18/2003	OC21V	CHLOROFORM	1		UG/L	II	59	69	50.3	60.3	80	
	W02-09M2A	10/21/2003	E314.0	PERCHLORATE	0.73	J	UG/L	II	59	69	50.3	60.3		
	W02-09M2A	11/08/2003	E314.0	PERCHLORATE	0.4	J	UG/L	II	59	69	50.3	60.3		
	W02-09M2A	12/17/2003	E314.0	PERCHLORATE	0.37	J	UG/L	II	59	69	50.3	60.3		
	W02-09M2D	12/17/2003	E314.0	PERCHLORATE	0.48	J	UG/L	II	59	69	50.3	60.3		
	W02-09M2A	01/19/2004	8330N	{ND on all 19} analytes				II	59	69	50.3	60.3		
	W02-09M2A	01/19/2004	E314.0	PERCHLORATE	0.36	J	UG/L	II	59	69	50.3	60.3		
	W02-09M2A	01/19/2004	OC21VM	CHLOROFORM	1		UG/L	II	59	69	50.3	60.3	80	
	W02-09M2A	02/17/2004	E314.0	PERCHLORATE	0.38	J	UG/L	II	59	69	50.3	60.3		
	W02-09M2D	02/17/2004	E314.0	{ND on all 1} analytes				II	59	69	50.3	60.3		
	W02-09M2A	03/18/2004	E314.0	{ND on all 1} analytes				II	59	69	50.3	60.3		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-09M2A	04/16/2004	E314.0	PERCHLORATE	0.41	J	UG/L	II	59	69	50.3	60.3		
	W02-09M2A	08/16/2004	E314.0	PERCHLORATE	0.36	J	UG/L	II	59	69	50.3	60.3		
	W02-09M2A	12/23/2004	E314.0	{ND on all 1} analytes				II	59	69	50.3	60.3		
	W02-09M2A	06/10/2005	E314.0	{ND on all 1} analytes				II	59	69	50.3	60.3		
	W02-09M2A	09/09/2005	E314.0	{ND on all 1} analytes				3	59	69	50.3	60.3		
	W02-09M2A	12/13/2005	E314.0	{ND on all 1} analytes				II	59	69	50.3	60.3		
02-09S	W02-09SSA	04/26/2002	8330N	{ND on all 19} analytes				II	7	17	0	10		
	W02-09SSA	04/26/2002	E314.0	{ND on all 1} analytes				II	7	17	0	10		
	W02-09SSA	04/26/2002	OC21V	CHLOROFORM	1		UG/L	II	7	17	0	10	80	
	W02-09SSA	05/28/2002	8330N	{ND on all 19} analytes				II	7	17	0	10		
	W02-09SSD	05/28/2002	8330N	{ND on all 19} analytes				II	7	17	0	10		
	W02-09SSA	05/28/2002	E314.0	{ND on all 1} analytes				II	7	17	0	10		
	W02-09SSD	05/28/2002	E314.0	{ND on all 1} analytes				II	7	17	0	10		
	W02-09SSA	05/28/2002	OC21V	CHLOROFORM	1		UG/L	II	7	17	0	10	80	
	W02-09SSD	05/28/2002	OC21V	CHLOROFORM	1		UG/L	II	7	17	0	10	80	
	W02-09SSA	06/29/2002	8330N	{ND on all 19} analytes				II	7	17	0	10		
	W02-09SSA	06/29/2002	E314.0	{ND on all 1} analytes				II	7	17	0	10		
	W02-09SSA	06/29/2002	OC21V	CHLOROFORM	1		UG/L	II	7	17	0	10	80	
	W02-09SSA	07/29/2002	8330N	{ND on all 19} analytes				II	7	17	0	10		
	W02-09SSA	07/29/2002	E314.0	{ND on all 1} analytes				II	7	17	0	10		
	W02-09SSA	07/29/2002	OC21V	CHLOROFORM	1		UG/L	II	7	17	0	10	80	
	W02-09SSA	08/29/2002	8330N	{ND on all 19} analytes				II	7	17	0	10		
	W02-09SSA	08/29/2002	E314.0	{ND on all 1} analytes				II	7	17	0	10		
	W02-09SSA	08/29/2002	OC21V	CHLOROFORM	1		UG/L	II	7	17	0	10	80	
	W02-09SSA	09/28/2002	E314.0	{ND on all 1} analytes				II	7	17	0	10		
	W02-09SSA	10/28/2002	E314.0	{ND on all 1} analytes				II	7	17	0	10		
	W02-09SSA	12/20/2002	E314.0	{ND on all 1} analytes				3	7	17	0	10		
	W02-09SSA	01/20/2003	E314.0	{ND on all 1} analytes				II	7	17	0	10		
	W02-09SSA	02/11/2003	8330N	{ND on all 19} analytes				II	7	17	0	10		
	W02-09SSA	02/11/2003	E314.0	{ND on all 1} analytes				II	7	17	0	10		
	W02-09SSA	02/11/2003	OC21V	CHLOROFORM	2		UG/L	II	7	17	0	10	80	
	W02-09SSA	03/12/2003	E314.0	{ND on all 1} analytes				II	7	17	0	10		
	W02-09SSA	04/04/2003	8330N	{ND on all 19} analytes				II	7	17	0	10		
	W02-09SSA	04/04/2003	E314.0	{ND on all 1} analytes				II	7	17	0	10		
	W02-09SSA	04/04/2003	OC21V	CHLOROFORM	2		UG/L	II	7	17	0	10	80	
	W02-09SSA	05/14/2003	E314.0	{ND on all 1} analytes				II	7	17	0	10		
	W02-09SSA	06/18/2003	E314.0	{ND on all 1} analytes				II	7	17	0	10		
	W02-09SSA	07/16/2003	E314.0	{ND on all 1} analytes				II	7	17	0	10		
	W02-09SSA	08/13/2003	E314.0	{ND on all 1} analytes				II	7	17	0	10		
	W02-09SSA	09/18/2003	8330N	{ND on all 19} analytes				II	7	17	0	10		
	W02-09SSA	09/18/2003	E314.0	{ND on all 1} analytes				3	7	17	0	10		
	W02-09SSA	09/18/2003	OC21V	CHLOROFORM	1		UG/L	II	7	17	0	10	80	
	W02-09SSA	10/21/2003	E314.0	{ND on all 1} analytes				II	7	17	0	10		
	W02-09SSA	11/08/2003	E314.0	{ND on all 1} analytes				II	7	17	0	10		
	W02-09SSA	12/17/2003	E314.0	{ND on all 1} analytes				II	7	17	0	10		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-09SSA	01/19/2004	8330N	{ND on all 19} analytes				II	7	17	0	10		
	W02-09SSA	01/19/2004	E314.0	{ND on all 1} analytes				II	7	17	0	10		
	W02-09SSA	01/19/2004	OC21VM	CHLOROFORM	1		UG/L	II	7	17	0	10	80	
	W02-09SSA	01/19/2004	OC21VM	TERT-BUTYL METHYL ETHER	0.4	J	UG/L	II	7	17	0	10	20	
	W02-09SSA	02/17/2004	E314.0	{ND on all 1} analytes				II	7	17	0	10		
	W02-09SSA	03/18/2004	E314.0	{ND on all 1} analytes				II	7	17	0	10		
	W02-09SSA	04/20/2004	E314.0	{ND on all 1} analytes				II	7	17	0	10		
	W02-09SSA	08/16/2004	E314.0	{ND on all 1} analytes				II	7	17	0	10		
	W02-09SSA	01/03/2005	E314.0	{ND on all 1} analytes				II	7	17	0	10		
	W02-09SSA	06/10/2005	E314.0	{ND on all 1} analytes				II	7	17	0	10		
	W02-09SSA	09/14/2005	E314.0	{ND on all 1} analytes				3	7	17	0	10		
	W02-09SSA	12/13/2005	E314.0	{ND on all 1} analytes				II	7	17	0	10		
02-10M1	W02-10M1A	06/28/2002	8330N	{ND on all 19} analytes				II	135	145	94	104		
	W02-10M1D	06/28/2002	8330N	{ND on all 19} analytes				II	135	145	94	104		
	W02-10M1A	06/28/2002	E314.0	{ND on all 1} analytes				II	135	145	94	104		
	W02-10M1D	06/28/2002	E314.0	{ND on all 1} analytes				II	135	145	94	104		
	W02-10M1A	06/28/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	135	145	94	104	80	
	W02-10M1D	06/28/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	135	145	94	104	80	
	W02-10M1A	07/30/2002	8330N	{ND on all 19} analytes				II	135	145	94	104		
	W02-10M1A	07/30/2002	E314.0	{ND on all 1} analytes				II	135	145	94	104		
	W02-10M1A	07/30/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	135	145	94	104	80	
	W02-10M1A	08/29/2002	8330N	{ND on all 19} analytes				II	135	145	94	104		
	W02-10M1A	08/29/2002	E314.0	{ND on all 1} analytes				II	135	145	94	104		
	W02-10M1A	08/29/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	135	145	94	104	80	
	W02-10M1A	09/27/2002	E314.0	{ND on all 1} analytes				II	135	145	94	104		
	W02-10M1A	10/25/2002	8330N	{ND on all 19} analytes				II	135	145	94	104		
	W02-10M1A	10/25/2002	E314.0	{ND on all 1} analytes				II	135	145	94	104		
	W02-10M1A	10/25/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	135	145	94	104	80	
	W02-10M1A	12/20/2002	8330N	{ND on all 19} analytes				II	135	145	94	104		
	W02-10M1A	12/20/2002	E314.0	PERCHLORATE	0.39	J	UG/L	3	135	145	94	104		
	W02-10M1A	12/20/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	135	145	94	104	80	
	W02-10M1A	01/17/2003	E314.0	{ND on all 1} analytes				3	135	145	94	104		
	W02-10M1A	01/17/2003	OC21V	CHLOROFORM	0.7	J	UG/L	II	135	145	94	104	80	
	W02-10M1A	02/22/2003	E314.0	{ND on all 1} analytes				II	135	145	94	104		
	W02-10M1A	02/22/2003	OC21V	{ND on all 43} analytes				II	135	145	94	104		
	W02-10M1A	03/11/2003	E314.0	PERCHLORATE	0.72	J	UG/L	II	135	145	94	104		
	W02-10M1A	04/18/2003	8330N	{ND on all 19} analytes				II	135	145	94	104		
	W02-10M1A	04/18/2003	E314.0	{ND on all 1} analytes				II	135	145	94	104		
	W02-10M1A	04/18/2003	OC21V	CHLOROFORM	0.7	J	UG/L	II	135	145	94	104	80	
	W02-10M1A	05/30/2003	E314.0	{ND on all 1} analytes				II	135	145	94	104		
	W02-10M1A	06/23/2003	E314.0	{ND on all 1} analytes				II	135	145	94	104		
	W02-10M1A	07/23/2003	E314.0	{ND on all 1} analytes				II	135	145	94	104		
	W02-10M1A	08/15/2003	E314.0	{ND on all 1} analytes				II	135	145	94	104		
	W02-10M1A	09/23/2003	8330N	{ND on all 19} analytes				II	135	145	94	104		
	W02-10M1A	09/23/2003	E314.0	{ND on all 1} analytes				II	135	145	94	104		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-10M1A	09/23/2003	OC21V	CHLOROFORM	0.6	J	UG/L	II	135	145	94	104	80	
	W02-10M1A	10/23/2003	E314.0	{ND on all 1} analytes				II	135	145	94	104		
	W02-10M1A	11/15/2003	E314.0	{ND on all 1} analytes				II	135	145	94	104		
	W02-10M1A	12/15/2003	E314.0	{ND on all 1} analytes				II	135	145	94	104		
	W02-10M1A	01/27/2004	8330N	{ND on all 19} analytes				II	135	145	94	104		
	W02-10M1A	01/27/2004	E314.0	{ND on all 1} analytes				II	135	145	94	104		
	W02-10M1A	01/27/2004	OC21VM	CHLOROFORM	0.7	J	UG/L	II	135	145	94	104	80	
	W02-10M1A	02/25/2004	E314.0	{ND on all 1} analytes				3	135	145	94	104		
	W02-10M1A	03/22/2004	E314.0	{ND on all 1} analytes				II	135	145	94	104		
	W02-10M1A	04/21/2004	E314.0	{ND on all 1} analytes				II	135	145	94	104		
	W02-10M1A	08/09/2004	E314.0	{ND on all 1} analytes				II	135	145	94	104		
	W02-10M1A	12/10/2004	E314.0	{ND on all 1} analytes				II	135	145	94	104		
	W02-10M1A	05/10/2005	E314.0	{ND on all 1} analytes				3	135	145	94	104		
	W02-10M1A	09/09/2005	E314.0	{ND on all 1} analytes				3	135	145	94	104		
	W02-10M1A	12/01/2005	E314.0	{ND on all 1} analytes				II	135	145	94	104		
	W02-10M1D	12/01/2005	E314.0	{ND on all 1} analytes				II	135	145	94	104		
02-10M2	W02-10M2A	06/28/2002	8330N	{ND on all 19} analytes				II	110	120	68.61	78.61		
	W02-10M2A	06/28/2002	E314.0	{ND on all 1} analytes				II	110	120	68.61	78.61		
	W02-10M2A	06/28/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	110	120	68.61	78.61	80	
	W02-10M2A	07/29/2002	8330N	{ND on all 19} analytes				II	110	120	68.61	78.61		
	W02-10M2A	07/29/2002	E314.0	{ND on all 1} analytes				II	110	120	68.61	78.61		
	W02-10M2A	07/29/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	110	120	68.61	78.61	80	
	W02-10M2A	08/29/2002	8330N	{ND on all 19} analytes				II	110	120	68.61	78.61		
	W02-10M2A	08/29/2002	E314.0	{ND on all 1} analytes				II	110	120	68.61	78.61		
	W02-10M2A	08/29/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	110	120	68.61	78.61	80	
	W02-10M2A	09/27/2002	E314.0	{ND on all 1} analytes				II	110	120	68.61	78.61		
	W02-10M2A	10/25/2002	8330N	{ND on all 19} analytes				II	110	120	68.61	78.61		
	W02-10M2A	10/25/2002	E314.0	{ND on all 1} analytes				II	110	120	68.61	78.61		
	W02-10M2A	10/25/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	110	120	68.61	78.61	80	
	W02-10M2A	12/20/2002	8330N	{ND on all 19} analytes				II	110	120	68.61	78.61		
	W02-10M2A	12/20/2002	E314.0	{ND on all 1} analytes				3	110	120	68.61	78.61		
	W02-10M2A	12/20/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	110	120	68.61	78.61	80	
	W02-10M2A	01/17/2003	E314.0	{ND on all 1} analytes				3	110	120	68.61	78.61		
	W02-10M2A	01/17/2003	OC21V	CHLOROFORM	0.7	J	UG/L	II	110	120	68.61	78.61	80	
	W02-10M2A	02/22/2003	E314.0	{ND on all 1} analytes				II	110	120	68.61	78.61		
	W02-10M2A	02/22/2003	OC21V	{ND on all 43} analytes				II	110	120	68.61	78.61		
	W02-10M2A	03/12/2003	E314.0	{ND on all 1} analytes				II	110	120	68.61	78.61		
	W02-10M2A	04/21/2003	8330N	{ND on all 19} analytes				II	110	120	68.61	78.61		
	W02-10M2A	04/21/2003	E314.0	{ND on all 1} analytes				II	110	120	68.61	78.61		
	W02-10M2A	04/21/2003	OC21V	CHLOROFORM	0.7	J	UG/L	II	110	120	68.61	78.61	80	
	W02-10M2A	05/30/2003	E314.0	{ND on all 1} analytes				II	110	120	68.61	78.61		
	W02-10M2A	06/24/2003	E314.0	{ND on all 1} analytes				II	110	120	68.61	78.61		
	W02-10M2D	06/24/2003	E314.0	{ND on all 1} analytes				II	110	120	68.61	78.61		
	W02-10M2A	07/23/2003	E314.0	{ND on all 1} analytes				II	110	120	68.61	78.61		
	W02-10M2A	08/15/2003	E314.0	{ND on all 1} analytes				II	110	120	68.61	78.61		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-10M2D	08/15/2003	E314.0	{ND on all 1} analytes				II	110	120	68.61	78.61		
	W02-10M2A	09/23/2003	8330N	{ND on all 19} analytes				II	110	120	68.61	78.61		
	W02-10M2A	09/23/2003	E314.0	{ND on all 1} analytes				II	110	120	68.61	78.61		
	W02-10M2A	09/23/2003	OC21V	CHLOROFORM	0.7	J	UG/L	II	110	120	68.61	78.61	80	
	W02-10M2A	10/23/2003	E314.0	{ND on all 1} analytes				II	110	120	68.61	78.61		
	W02-10M2A	11/15/2003	E314.0	{ND on all 1} analytes				II	110	120	68.61	78.61		
	W02-10M2A	12/15/2003	E314.0	{ND on all 1} analytes				II	110	120	68.61	78.61		
	W02-10M2A	01/27/2004	8330N	{ND on all 19} analytes				II	110	120	68.61	78.61		
	W02-10M2D	01/27/2004	8330N	{ND on all 19} analytes				II	110	120	68.61	78.61		
	W02-10M2A	01/27/2004	E314.0	{ND on all 1} analytes				II	110	120	68.61	78.61		
	W02-10M2D	01/27/2004	E314.0	{ND on all 1} analytes				II	110	120	68.61	78.61		
	W02-10M2A	01/27/2004	OC21VM	CHLOROFORM	0.7	J	UG/L	II	110	120	68.61	78.61	80	
	W02-10M2D	01/27/2004	OC21VM	CHLOROFORM	0.7	J	UG/L	II	110	120	68.61	78.61	80	
	W02-10M2A	02/25/2004	E314.0	{ND on all 1} analytes				3	110	120	68.61	78.61		
	W02-10M2A	03/22/2004	E314.0	{ND on all 1} analytes				II	110	120	68.61	78.61		
	W02-10M2A	04/21/2004	E314.0	{ND on all 1} analytes				II	110	120	68.61	78.61		
	W02-10M2A	08/09/2004	E314.0	{ND on all 1} analytes				II	110	120	68.61	78.61		
	W02-10M2A	12/10/2004	E314.0	{ND on all 1} analytes				II	110	120	68.61	78.61		
	W02-10M2A	05/10/2005	E314.0	{ND on all 1} analytes				3	110	120	68.61	78.61		
	W02-10M2A	09/09/2005	E314.0	{ND on all 1} analytes				3	110	120	68.61	78.61		
	W02-10M2A	12/01/2005	E314.0	{ND on all 1} analytes				II	110	120	68.61	78.61		
02-10M3	W02-10M3A	06/28/2002	8330N	{ND on all 19} analytes				II	85	95	43.65	53.65		
	W02-10M3A	06/28/2002	E314.0	PERCHLORATE	0.48	J	UG/L	II	85	95	43.65	53.65		
	W02-10M3A	06/28/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	85	95	43.65	53.65	80	
	W02-10M3A	07/29/2002	8330N	{ND on all 19} analytes				II	85	95	43.65	53.65		
	W02-10M3A	07/29/2002	E314.0	{ND on all 1} analytes				II	85	95	43.65	53.65		
	W02-10M3A	07/29/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	85	95	43.65	53.65	80	
	W02-10M3A	08/30/2002	8330N	{ND on all 19} analytes				II	85	95	43.65	53.65		
	W02-10M3A	08/30/2002	E314.0	{ND on all 1} analytes				II	85	95	43.65	53.65		
	W02-10M3A	08/30/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	85	95	43.65	53.65	80	
	W02-10M3A	09/27/2002	E314.0	{ND on all 1} analytes				II	85	95	43.65	53.65		
	W02-10M3A	10/28/2002	8330N	{ND on all 19} analytes				II	85	95	43.65	53.65		
	W02-10M3D	10/28/2002	8330N	{ND on all 19} analytes				II	85	95	43.65	53.65		
	W02-10M3A	10/28/2002	E314.0	{ND on all 1} analytes				II	85	95	43.65	53.65		
	W02-10M3D	10/28/2002	E314.0	{ND on all 1} analytes				II	85	95	43.65	53.65		
	W02-10M3A	10/28/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	85	95	43.65	53.65	80	
	W02-10M3D	10/28/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	85	95	43.65	53.65	80	
	W02-10M3A	12/20/2002	8330N	{ND on all 19} analytes				II	85	95	43.65	53.65		
	W02-10M3D	12/20/2002	8330N	{ND on all 19} analytes				II	85	95	43.65	53.65		
	W02-10M3A	12/20/2002	E314.0	{ND on all 1} analytes				3	85	95	43.65	53.65		
	W02-10M3D	12/20/2002	E314.0	{ND on all 1} analytes				3	85	95	43.65	53.65		
	W02-10M3A	12/20/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	85	95	43.65	53.65	80	
	W02-10M3D	12/20/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	85	95	43.65	53.65	80	
	W02-10M3A	01/20/2003	E314.0	{ND on all 1} analytes				3	85	95	43.65	53.65		
	W02-10M3A	01/20/2003	OC21V	CHLOROFORM	0.7	J	UG/L	II	85	95	43.65	53.65	80	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-10M3A	02/22/2003	E314.0	{ND on all 1} analytes				II	85	95	43.65	53.65		
	W02-10M3D	02/22/2003	E314.0	{ND on all 1} analytes				II	85	95	43.65	53.65		
	W02-10M3A	02/22/2003	OC21V	{ND on all 43} analytes				II	85	95	43.65	53.65		
	W02-10M3D	02/22/2003	OC21V	{ND on all 43} analytes				II	85	95	43.65	53.65		
	W02-10M3A	03/12/2003	E314.0	{ND on all 1} analytes				II	85	95	43.65	53.65		
	W02-10M3A	04/21/2003	8330N	{ND on all 19} analytes				II	85	95	43.65	53.65		
	W02-10M3A	04/21/2003	E314.0	{ND on all 1} analytes				II	85	95	43.65	53.65		
	W02-10M3A	04/21/2003	OC21V	CHLOROFORM	0.8	J	UG/L	II	85	95	43.65	53.65	80	
	W02-10M3A	05/30/2003	E314.0	{ND on all 1} analytes				II	85	95	43.65	53.65		
	W02-10M3A	06/24/2003	E314.0	{ND on all 1} analytes				II	85	95	43.65	53.65		
	W02-10M3A	07/24/2003	E314.0	{ND on all 1} analytes				II	85	95	43.65	53.65		
	W02-10M3A	08/18/2003	E314.0	{ND on all 1} analytes				II	85	95	43.65	53.65		
	W02-10M3A	09/23/2003	8330N	{ND on all 19} analytes				II	85	95	43.65	53.65		
	W02-10M3A	09/23/2003	E314.0	{ND on all 1} analytes				II	85	95	43.65	53.65		
	W02-10M3A	09/23/2003	OC21V	CHLOROFORM	0.8	J	UG/L	II	85	95	43.65	53.65	80	
	W02-10M3A	10/23/2003	E314.0	{ND on all 1} analytes				II	85	95	43.65	53.65		
	W02-10M3A	11/15/2003	E314.0	{ND on all 1} analytes				II	85	95	43.65	53.65		
	W02-10M3A	12/16/2003	E314.0	{ND on all 1} analytes				II	85	95	43.65	53.65		
	W02-10M3A	01/27/2004	8330N	{ND on all 19} analytes				II	85	95	43.65	53.65		
	W02-10M3A	01/27/2004	E314.0	{ND on all 1} analytes				II	85	95	43.65	53.65		
	W02-10M3A	01/27/2004	OC21VM	CHLOROFORM	0.7	J	UG/L	II	85	95	43.65	53.65	80	
	W02-10M3A	02/25/2004	E314.0	{ND on all 1} analytes				3	85	95	43.65	53.65		
	W02-10M3A	03/22/2004	E314.0	{ND on all 1} analytes				II	85	95	43.65	53.65		
	W02-10M3A	04/21/2004	E314.0	{ND on all 1} analytes				II	85	95	43.65	53.65		
	W02-10M3A	08/09/2004	E314.0	{ND on all 1} analytes				3	85	95	43.65	53.65		
	W02-10M3D	08/09/2004	E314.0	{ND on all 1} analytes				3	85	95	43.65	53.65		
	W02-10M3A	12/10/2004	E314.0	{ND on all 1} analytes				II	85	95	43.65	53.65		
	W02-10M3A	05/10/2005	E314.0	{ND on all 1} analytes				3	85	95	43.65	53.65		
	W02-10M3A	09/09/2005	E314.0	{ND on all 1} analytes				3	85	95	43.65	53.65		
	W02-10M3D	09/09/2005	E314.0	{ND on all 1} analytes				3	85	95	43.65	53.65		
	W02-10M3A	12/01/2005	E314.0	{ND on all 1} analytes				II	85	95	43.65	53.65		
02-12M1	W02-12M1A	04/25/2002	8330N	{ND on all 19} analytes				3	109	119	58.35	68.35		
	W02-12M1A	04/25/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	04/25/2002	OC21V	CHLOROFORM	0.4	J	UG/L	3	109	119	58.35	68.35	80	
	W02-12M1A	05/28/2002	8330N	{ND on all 19} analytes				II	109	119	58.35	68.35		
	W02-12M1A	05/28/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	05/28/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	109	119	58.35	68.35	80	
	W02-12M1A	06/05/2002	8330N	{ND on all 19} analytes				II	109	119	58.35	68.35		
	W02-12M1A	06/05/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	06/05/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	109	119	58.35	68.35	80	
	W02-12M1A	06/12/2002	8330N	{ND on all 19} analytes				II	109	119	58.35	68.35		
	W02-12M1A	06/12/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	06/12/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	109	119	58.35	68.35	80	
	W02-12M1A	06/12/2002	OC21V	CHLOROMETHANE	4		UG/L	II	109	119	58.35	68.35	30	
	W02-12M1A	06/19/2002	8330N	{ND on all 19} analytes				3	109	119	58.35	68.35		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-12M1D	06/19/2002	8330N	{ND on all 19} analytes				3	109	119	58.35	68.35		
	W02-12M1A	06/19/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1D	06/19/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	06/19/2002	OC21V	CHLOROFORM	0.4	J	UG/L	3	109	119	58.35	68.35	80	
	W02-12M1D	06/19/2002	OC21V	CHLOROFORM	0.5	J	UG/L	3	109	119	58.35	68.35	80	
	W02-12M1A	06/26/2002	8330N	{ND on all 19} analytes				II	109	119	58.35	68.35		
	W02-12M1A	06/26/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	06/26/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	109	119	58.35	68.35	80	
	W02-12M1A	07/03/2002	8330N	{ND on all 19} analytes				II	109	119	58.35	68.35		
	W02-12M1D	07/03/2002	8330N	{ND on all 19} analytes				II	109	119	58.35	68.35		
	W02-12M1A	07/03/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1D	07/03/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	07/03/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	109	119	58.35	68.35	80	
	W02-12M1D	07/03/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	109	119	58.35	68.35	80	
	W02-12M1A	07/10/2002	8330N	{ND on all 19} analytes				II	109	119	58.35	68.35		
	W02-12M1A	07/10/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	07/10/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	109	119	58.35	68.35	80	
	W02-12M1A	07/17/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	07/24/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1D	07/24/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	08/01/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1D	08/01/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	08/06/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1D	08/06/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	08/14/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1D	08/14/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	08/21/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1D	08/21/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	08/28/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	09/04/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1D	09/04/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	09/11/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	09/17/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	09/24/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	10/01/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	10/08/2002	E314.0	{ND on all 1} analytes				3	109	119	58.35	68.35		
	W02-12M1D	10/08/2002	E314.0	{ND on all 1} analytes				3	109	119	58.35	68.35		
	W02-12M1A	10/08/2002	OC21V	CHLOROFORM	0.5	J	UG/L	3	109	119	58.35	68.35	80	
	W02-12M1D	10/08/2002	OC21V	CHLOROFORM	0.5	J	UG/L	3	109	119	58.35	68.35	80	
	W02-12M1A	10/15/2002	E314.0	{ND on all 1} analytes				3	109	119	58.35	68.35		
	W02-12M1A	10/15/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	109	119	58.35	68.35	80	
	W02-12M1A	10/22/2002	E314.0	{ND on all 1} analytes				3	109	119	58.35	68.35		
	W02-12M1A	10/22/2002	OC21V	{ND on all 43} analytes				II	109	119	58.35	68.35		
	W02-12M1A	10/29/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	10/29/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	109	119	58.35	68.35	80	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-12M1A	11/05/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	11/05/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	109	119	58.35	68.35	80	
	W02-12M1A	11/11/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	11/11/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	109	119	58.35	68.35	80	
	W02-12M1A	11/19/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	11/19/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	109	119	58.35	68.35	80	
	W02-12M1A	11/26/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	11/26/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	109	119	58.35	68.35	80	
	W02-12M1A	12/03/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	12/03/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	109	119	58.35	68.35	80	
	W02-12M1A	12/10/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	12/10/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	109	119	58.35	68.35	80	
	W02-12M1A	12/10/2002	OC21V	TOLUENE	0.2	J	UG/L	II	109	119	58.35	68.35	1000	
	W02-12M1A	12/17/2002	E314.0	{ND on all 1} analytes				3	109	119	58.35	68.35		
	W02-12M1A	12/17/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	109	119	58.35	68.35	80	
	W02-12M1A	12/23/2002	E314.0	{ND on all 1} analytes				3	109	119	58.35	68.35		
	W02-12M1A	12/23/2002	OC21V	CHLOROFORM	0.5	J	UG/L	3	109	119	58.35	68.35	80	
	W02-12M1A	12/30/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1D	12/30/2002	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	12/30/2002	OC21V	CHLOROFORM	0.5	J	UG/L	3	109	119	58.35	68.35	80	
	W02-12M1D	12/30/2002	OC21V	CHLOROFORM	0.5	J	UG/L	3	109	119	58.35	68.35	80	
	W02-12M1A	01/07/2003	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	01/14/2003	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	01/21/2003	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	01/28/2003	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	02/04/2003	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	02/11/2003	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	02/20/2003	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	02/25/2003	E314.0	{ND on all 1} analytes				3	109	119	58.35	68.35		
	W02-12M1A	03/04/2003	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	03/11/2003	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	03/26/2003	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1D	03/26/2003	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	04/08/2003	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	04/22/2003	E314.0	{ND on all 1} analytes				3	109	119	58.35	68.35		
	W02-12M1A	05/06/2003	E314.0	{ND on all 1} analytes				3	109	119	58.35	68.35		
	W02-12M1A	05/20/2003	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	06/04/2003	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	06/17/2003	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	07/01/2003	E314.0	PERCHLORATE	0.48	J	UG/L	II	109	119	58.35	68.35		
	W02-12M1A	07/16/2003	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	08/11/2003	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	08/25/2003	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	09/08/2003	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	09/22/2003	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-12M1A	10/06/2003	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	10/20/2003	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1D	10/20/2003	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	11/03/2003	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	11/17/2003	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	12/01/2003	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1D	12/01/2003	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	12/15/2003	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	12/29/2003	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	01/13/2004	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	01/26/2004	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	02/11/2004	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	02/23/2004	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	03/08/2004	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	03/22/2004	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	04/20/2004	8330N	{ND on all 19} analytes				II	109	119	58.35	68.35		
	W02-12M1A	04/20/2004	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	05/14/2004	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	06/16/2004	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	07/16/2004	8330N	{ND on all 19} analytes				3	109	119	58.35	68.35		
	W02-12M1A	07/16/2004	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	08/17/2004	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	09/17/2004	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	10/11/2004	8330N	{ND on all 19} analytes				II	109	119	58.35	68.35		
	W02-12M1A	10/11/2004	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	11/11/2004	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	12/16/2004	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	02/21/2005	8330N	{ND on all 19} analytes				II	109	119	58.35	68.35		
	W02-12M1A	02/21/2005	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	03/17/2005	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	05/13/2005	8330N	{ND on all 19} analytes				II	109	119	58.35	68.35		
	W02-12M1A	05/13/2005	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	07/15/2005	8330N	{ND on all 19} analytes				II	109	119	58.35	68.35		
	W02-12M1A	07/15/2005	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
	W02-12M1A	10/13/2005	8330N	{ND on all 19} analytes				II	109	119	58.35	68.35		
	W02-12M1A	10/13/2005	E314.0	{ND on all 1} analytes				II	109	119	58.35	68.35		
02-12M2	W02-12M2A	04/25/2002	8330N	{ND on all 19} analytes				3	94	104	43.21	53.21		
	W02-12M2A	04/25/2002	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	04/25/2002	OC21V	CHLOROFORM	0.4	J	UG/L	3	94	104	43.21	53.21	80	
	W02-12M2A	05/29/2002	8330N	{ND on all 19} analytes				II	94	104	43.21	53.21		
	W02-12M2A	05/29/2002	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	05/29/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	94	104	43.21	53.21	80	
	W02-12M2A	06/05/2002	8330N	{ND on all 19} analytes				II	94	104	43.21	53.21		
	W02-12M2A	06/05/2002	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	06/05/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	94	104	43.21	53.21	80	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-12M2A	06/12/2002	8330N	{ND on all 19} analytes				II	94	104	43.21	53.21		
	W02-12M2A	06/12/2002	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	06/12/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	94	104	43.21	53.21	80	
	W02-12M2A	06/19/2002	8330N	{ND on all 19} analytes				II	94	104	43.21	53.21		
	W02-12M2A	06/19/2002	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	06/19/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	94	104	43.21	53.21	80	
	W02-12M2A	06/26/2002	8330N	{ND on all 19} analytes				II	94	104	43.21	53.21		
	W02-12M2A	06/26/2002	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	06/26/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	94	104	43.21	53.21	80	
	W02-12M2A	07/03/2002	8330N	{ND on all 19} analytes				II	94	104	43.21	53.21		
	W02-12M2A	07/03/2002	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	07/03/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	94	104	43.21	53.21	80	
	W02-12M2A	07/10/2002	8330N	{ND on all 19} analytes				II	94	104	43.21	53.21		
	W02-12M2A	07/10/2002	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	07/10/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	94	104	43.21	53.21	80	
	W02-12M2A	07/17/2002	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	07/24/2002	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	07/31/2002	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	08/06/2002	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	08/14/2002	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	08/21/2002	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	08/29/2002	E314.0	PERCHLORATE	0.43	J	UG/L	II	94	104	43.21	53.21		
	W02-12M2A	09/04/2002	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	09/11/2002	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	09/17/2002	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	09/24/2002	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	10/01/2002	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	10/08/2002	E314.0	{ND on all 1} analytes				3	94	104	43.21	53.21		
	W02-12M2A	10/15/2002	E314.0	{ND on all 1} analytes				3	94	104	43.21	53.21		
	W02-12M2A	10/22/2002	E314.0	{ND on all 1} analytes				3	94	104	43.21	53.21		
	W02-12M2A	10/22/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	94	104	43.21	53.21	80	
	W02-12M2A	10/29/2002	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	10/29/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	94	104	43.21	53.21	80	
	W02-12M2A	11/05/2002	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	11/11/2002	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	11/19/2002	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	11/26/2002	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	12/04/2002	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	12/10/2002	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	12/17/2002	E314.0	{ND on all 1} analytes				3	94	104	43.21	53.21		
	W02-12M2A	12/23/2002	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	12/30/2002	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	01/07/2003	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	01/14/2003	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	01/21/2003	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-12M2A	01/28/2003	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	02/04/2003	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	02/11/2003	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	02/21/2003	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2D	02/21/2003	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	02/25/2003	E314.0	{ND on all 1} analytes				3	94	104	43.21	53.21		
	W02-12M2A	03/04/2003	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	03/11/2003	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	03/26/2003	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	04/08/2003	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2D	04/08/2003	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	04/22/2003	E314.0	{ND on all 1} analytes				3	94	104	43.21	53.21		
	W02-12M2D	04/22/2003	E314.0	{ND on all 1} analytes				3	94	104	43.21	53.21		
	W02-12M2A	05/06/2003	E314.0	{ND on all 1} analytes				3	94	104	43.21	53.21		
	W02-12M2A	05/20/2003	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	06/04/2003	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	06/17/2003	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	07/01/2003	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	07/16/2003	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	08/11/2003	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	08/25/2003	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	09/08/2003	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	09/22/2003	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	10/06/2003	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	10/21/2003	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	11/03/2003	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	11/17/2003	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	12/01/2003	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	12/15/2003	E314.0	PERCHLORATE	0.37	J	UG/L	II	94	104	43.21	53.21		
	W02-12M2A	12/29/2003	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	01/13/2004	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	01/26/2004	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	02/11/2004	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	02/24/2004	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	03/08/2004	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	03/22/2004	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	04/20/2004	8330N	{ND on all 19} analytes				II	94	104	43.21	53.21		
	W02-12M2A	04/20/2004	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	05/14/2004	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	06/16/2004	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	07/16/2004	8330N	{ND on all 19} analytes				3	94	104	43.21	53.21		
	W02-12M2A	07/16/2004	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	08/17/2004	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	09/17/2004	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2D	09/17/2004	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-12M2A	10/11/2004	8330N	{ND on all 19} analytes				II	94	104	43.21	53.21		
	W02-12M2A	10/11/2004	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	11/11/2004	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	12/16/2004	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	02/21/2005	8330N	{ND on all 19} analytes				II	94	104	43.21	53.21		
	W02-12M2A	02/21/2005	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	03/15/2005	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	05/13/2005	8330N	{ND on all 19} analytes				II	94	104	43.21	53.21		
	W02-12M2A	05/13/2005	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	07/18/2005	8330N	{ND on all 19} analytes				II	94	104	43.21	53.21		
	W02-12M2A	07/18/2005	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2A	10/13/2005	8330N	{ND on all 19} analytes				II	94	104	43.21	53.21		
	W02-12M2D	10/13/2005	8330N	{ND on all 19} analytes				II	94	104	43.21	53.21		
	W02-12M2A	10/13/2005	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
	W02-12M2D	10/13/2005	E314.0	{ND on all 1} analytes				II	94	104	43.21	53.21		
02-12M3	W02-12M3A	04/25/2002	8330N	{ND on all 19} analytes				3	79	89	28.22	38.22		
	W02-12M3A	04/25/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	04/25/2002	OC21V	CHLOROFORM	0.9	J	UG/L	3	79	89	28.22	38.22	80	0.01
	W02-12M3A	05/29/2002	8330N	{ND on all 19} analytes				II	79	89	28.22	38.22		
	W02-12M3A	05/29/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	05/29/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	79	89	28.22	38.22	80	0.01
	W02-12M3A	06/05/2002	8330N	{ND on all 19} analytes				II	79	89	28.22	38.22		
	W02-12M3D	06/05/2002	8330N	{ND on all 19} analytes				II	79	89	28.22	38.22		
	W02-12M3A	06/05/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3D	06/05/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	06/05/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	79	89	28.22	38.22	80	0.01
	W02-12M3D	06/05/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	79	89	28.22	38.22	80	0.01
	W02-12M3A	06/13/2002	8330N	{ND on all 19} analytes				II	79	89	28.22	38.22		
	W02-12M3D	06/13/2002	8330N	{ND on all 19} analytes				II	79	89	28.22	38.22		
	W02-12M3A	06/13/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3D	06/13/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	06/13/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	79	89	28.22	38.22	80	0.01
	W02-12M3D	06/13/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	79	89	28.22	38.22	80	0.01
	W02-12M3A	06/19/2002	8330N	{ND on all 19} analytes				II	79	89	28.22	38.22		
	W02-12M3A	06/19/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	06/19/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	79	89	28.22	38.22	80	0.01
	W02-12M3A	06/27/2002	8330N	{ND on all 19} analytes				II	79	89	28.22	38.22		
	W02-12M3A	06/27/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	06/27/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	79	89	28.22	38.22	80	0.01
	W02-12M3A	07/03/2002	8330N	{ND on all 19} analytes				II	79	89	28.22	38.22		
	W02-12M3A	07/03/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	07/03/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	79	89	28.22	38.22	80	0.01
	W02-12M3A	07/10/2002	8330N	{ND on all 19} analytes				II	79	89	28.22	38.22		
	W02-12M3D	07/10/2002	8330N	{ND on all 19} analytes				II	79	89	28.22	38.22		
	W02-12M3A	07/10/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-12M3D	07/10/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	07/10/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	79	89	28.22	38.22	80	0.01
	W02-12M3D	07/10/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	79	89	28.22	38.22	80	0.01
	W02-12M3A	07/17/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	07/24/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	07/31/2002	E314.0	PERCHLORATE	0.43	J	UG/L	II	79	89	28.22	38.22		
	W02-12M3A	08/06/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	08/14/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	08/21/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	08/29/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	09/04/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	09/11/2002	E314.0	PERCHLORATE	0.62	J	UG/L	II	79	89	28.22	38.22		
	W02-12M3A	09/17/2002	E314.0	PERCHLORATE	0.36	J	UG/L	II	79	89	28.22	38.22		
	W02-12M3A	09/24/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3D	09/24/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	10/01/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	10/08/2002	E314.0	{ND on all 1} analytes				3	79	89	28.22	38.22		
	W02-12M3A	10/15/2002	E314.0	{ND on all 1} analytes				3	79	89	28.22	38.22		
	W02-12M3A	10/22/2002	E314.0	{ND on all 1} analytes				3	79	89	28.22	38.22		
	W02-12M3A	10/22/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	79	89	28.22	38.22	80	0.01
	W02-12M3A	10/29/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	10/29/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	79	89	28.22	38.22	80	0.01
	W02-12M3A	11/05/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	11/11/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	11/19/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3D	11/19/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	11/27/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	12/04/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	12/11/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3D	12/11/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	12/17/2002	E314.0	{ND on all 1} analytes				3	79	89	28.22	38.22		
	W02-12M3D	12/17/2002	E314.0	PERCHLORATE	0.4	J	UG/L	3	79	89	28.22	38.22		
	W02-12M3A	12/23/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	12/30/2002	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	01/07/2003	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	01/14/2003	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	01/21/2003	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	01/28/2003	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	02/04/2003	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	02/11/2003	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	02/21/2003	E314.0	PERCHLORATE	0.45	J	UG/L	II	79	89	28.22	38.22		
	W02-12M3A	02/25/2003	E314.0	{ND on all 1} analytes				3	79	89	28.22	38.22		
	W02-12M3A	03/04/2003	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	03/11/2003	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	03/26/2003	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-12M3A	04/08/2003	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	04/22/2003	E314.0	{ND on all 1} analytes				3	79	89	28.22	38.22		
	W02-12M3A	05/06/2003	E314.0	{ND on all 1} analytes				3	79	89	28.22	38.22		
	W02-12M3A	05/21/2003	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	06/04/2003	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	06/17/2003	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	07/01/2003	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	07/16/2003	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	08/11/2003	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	08/25/2003	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	09/08/2003	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	09/22/2003	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	10/06/2003	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	10/21/2003	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	11/03/2003	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	11/17/2003	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	12/01/2003	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	12/15/2003	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	12/29/2003	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	01/12/2004	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	01/26/2004	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	02/11/2004	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	02/24/2004	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	03/08/2004	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	03/22/2004	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	04/20/2004	8330N	{ND on all 19} analytes				II	79	89	28.22	38.22		
	W02-12M3A	04/20/2004	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	05/14/2004	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	06/16/2004	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3D	06/16/2004	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	07/16/2004	8330N	{ND on all 19} analytes				3	79	89	28.22	38.22		
	W02-12M3A	07/16/2004	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	08/17/2004	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	09/17/2004	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	10/11/2004	8330N	{ND on all 19} analytes				II	79	89	28.22	38.22		
	W02-12M3A	10/11/2004	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	11/11/2004	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	12/16/2004	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	02/21/2005	8330N	{ND on all 19} analytes				II	79	89	28.22	38.22		
	W02-12M3A	02/21/2005	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	03/15/2005	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3D	03/15/2005	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	05/13/2005	8330N	{ND on all 19} analytes				II	79	89	28.22	38.22		
	W02-12M3A	05/13/2005	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	07/18/2005	8330N	{ND on all 19} analytes				II	79	89	28.22	38.22		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-12M3A	07/18/2005	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
	W02-12M3A	10/17/2005	8330N	{ND on all 19} analytes				II	79	89	28.22	38.22		
	W02-12M3A	10/17/2005	E314.0	{ND on all 1} analytes				II	79	89	28.22	38.22		
02-13M1	W02-13M1A	04/26/2002	8330N	{ND on all 19} analytes				II	98	108	58.33	68.33		
	W02-13M1A	04/26/2002	E314.0	PERCHLORATE	0.46	J	UG/L	II	98	108	58.33	68.33		
	W02-13M1A	04/26/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	98	108	58.33	68.33	80	
	W02-13M1A	05/11/2002	8330N	{ND on all 19} analytes				II	98	108	58.33	68.33		
	W02-13M1A	05/11/2002	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	05/11/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	98	108	58.33	68.33	80	
	W02-13M1A	05/16/2002	8330N	{ND on all 19} analytes				II	98	108	58.33	68.33		
	W02-13M1A	05/16/2002	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	05/16/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	98	108	58.33	68.33	80	
	W02-13M1A	05/28/2002	8330N	{ND on all 19} analytes				II	98	108	58.33	68.33		
	W02-13M1A	05/28/2002	E314.0	PERCHLORATE	0.43	J	UG/L	II	98	108	58.33	68.33		
	W02-13M1A	05/28/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	98	108	58.33	68.33	80	
	W02-13M1A	05/28/2002	OC21V	CHLOROMETHANE	0.4	J	UG/L	II	98	108	58.33	68.33	30	
	W02-13M1A	06/05/2002	8330N	{ND on all 19} analytes				II	98	108	58.33	68.33		
	W02-13M1A	06/05/2002	E314.0	{ND on all 1} analytes				3	98	108	58.33	68.33		
	W02-13M1A	06/05/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	98	108	58.33	68.33	80	
	W02-13M1A	06/12/2002	8330N	{ND on all 19} analytes				II	98	108	58.33	68.33		
	W02-13M1A	06/12/2002	E314.0	PERCHLORATE	0.66	J	UG/L	II	98	108	58.33	68.33		
	W02-13M1A	06/12/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	98	108	58.33	68.33	80	
	W02-13M1A	06/19/2002	8330N	{ND on all 19} analytes				3	98	108	58.33	68.33		
	W02-13M1A	06/19/2002	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	06/19/2002	OC21V	CHLOROFORM	0.6	J	UG/L	3	98	108	58.33	68.33	80	
	W02-13M1A	06/26/2002	8330N	{ND on all 19} analytes				II	98	108	58.33	68.33		
	W02-13M1A	06/26/2002	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	06/26/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	98	108	58.33	68.33	80	
	W02-13M1A	07/03/2002	8330N	{ND on all 19} analytes				II	98	108	58.33	68.33		
	W02-13M1A	07/03/2002	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	07/03/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	98	108	58.33	68.33	80	
	W02-13M1A	07/11/2002	8330N	{ND on all 19} analytes				II	98	108	58.33	68.33		
	W02-13M1A	07/11/2002	E314.0	PERCHLORATE	0.52	J	UG/L	II	98	108	58.33	68.33		
	W02-13M1A	07/11/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	98	108	58.33	68.33	80	
	W02-13M1A	07/17/2002	E314.0	PERCHLORATE	0.44	J	UG/L	II	98	108	58.33	68.33		
	W02-13M1A	07/24/2002	E314.0	PERCHLORATE	0.47	J	UG/L	II	98	108	58.33	68.33		
	W02-13M1A	07/31/2002	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	08/06/2002	E314.0	PERCHLORATE	0.44	J	UG/L	II	98	108	58.33	68.33		
	W02-13M1A	08/14/2002	E314.0	PERCHLORATE	0.41	J	UG/L	II	98	108	58.33	68.33		
	W02-13M1A	08/21/2002	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	08/28/2002	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	09/04/2002	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	09/11/2002	E314.0	PERCHLORATE	0.39	J	UG/L	II	98	108	58.33	68.33		
	W02-13M1A	09/17/2002	E314.0	PERCHLORATE	0.45	J	UG/L	II	98	108	58.33	68.33		
	W02-13M1A	09/24/2002	E314.0	PERCHLORATE	0.39	J	UG/L	II	98	108	58.33	68.33		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-13M1A	10/01/2002	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	10/08/2002	E314.0	{ND on all 1} analytes				3	98	108	58.33	68.33		
	W02-13M1A	10/15/2002	E314.0	{ND on all 1} analytes				3	98	108	58.33	68.33		
	W02-13M1A	10/22/2002	E314.0	PERCHLORATE	0.42	J	UG/L	II	98	108	58.33	68.33		
	W02-13M1A	10/30/2002	E314.0	PERCHLORATE	0.46	J	UG/L	II	98	108	58.33	68.33		
	W02-13M1A	11/05/2002	E314.0	PERCHLORATE	0.4	J	UG/L	II	98	108	58.33	68.33		
	W02-13M1A	11/11/2002	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	11/19/2002	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	11/27/2002	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	12/05/2002	E314.0	PERCHLORATE	0.46	J	UG/L	II	98	108	58.33	68.33		
	W02-13M1A	12/10/2002	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	12/17/2002	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	12/24/2002	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	12/30/2002	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	01/07/2003	E314.0	PERCHLORATE	0.42	J	UG/L	II	98	108	58.33	68.33		
	W02-13M1A	01/14/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	01/21/2003	E314.0	PERCHLORATE	0.4	J	UG/L	II	98	108	58.33	68.33		
	W02-13M1A	01/28/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1D	01/28/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	02/04/2003	E314.0	PERCHLORATE	0.36	J	UG/L	II	98	108	58.33	68.33		
	W02-13M1A	02/11/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1D	02/11/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	02/19/2003	E314.0	PERCHLORATE	0.45	J	UG/L	II	98	108	58.33	68.33		
	W02-13M1A	02/25/2003	E314.0	{ND on all 1} analytes				3	98	108	58.33	68.33		
	W02-13M1A	03/04/2003	E314.0	PERCHLORATE	0.4	J	UG/L	II	98	108	58.33	68.33		
	W02-13M1A	03/11/2003	E314.0	PERCHLORATE	0.41	J	UG/L	II	98	108	58.33	68.33		
	W02-13M1A	03/18/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1D	03/18/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	03/25/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	04/01/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	04/08/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	04/15/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1D	04/15/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	04/22/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	04/29/2003	E314.0	PERCHLORATE	0.45	J	UG/L	II	98	108	58.33	68.33		
	W02-13M1A	05/06/2003	E314.0	{ND on all 1} analytes				3	98	108	58.33	68.33		
	W02-13M1A	05/13/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	05/20/2003	E314.0	{ND on all 1} analytes				3	98	108	58.33	68.33		
	W02-13M1A	05/27/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	06/03/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	06/10/2003	E314.0	{ND on all 1} analytes				3	98	108	58.33	68.33		
	W02-13M1A	06/17/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	06/24/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1D	06/24/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	07/01/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-13M1A	07/08/2003	E314.0	PERCHLORATE	0.35	J	UG/L	II	98	108	58.33	68.33		
	W02-13M1A	07/14/2003	E314.0	PERCHLORATE	0.41	J	UG/L	II	98	108	58.33	68.33		
	W02-13M1A	07/22/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	08/04/2003	E314.0	PERCHLORATE	0.36	J	UG/L	II	98	108	58.33	68.33		
	W02-13M1A	08/11/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1D	08/11/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	08/18/2003	E314.0	PERCHLORATE	0.61	J	UG/L	II	98	108	58.33	68.33		
	W02-13M1A	08/26/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	09/02/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	09/08/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1D	09/08/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	09/15/2003	E314.0	PERCHLORATE	0.38	J	UG/L	II	98	108	58.33	68.33		
	W02-13M1D	09/15/2003	E314.0	PERCHLORATE	0.4	J	UG/L	II	98	108	58.33	68.33		
	W02-13M1A	09/22/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	09/30/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	10/06/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	10/13/2003	E314.0	PERCHLORATE	0.36	J	UG/L	II	98	108	58.33	68.33		
	W02-13M1D	10/13/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	10/20/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	10/27/2003	E314.0	PERCHLORATE	0.45	J	UG/L	II	98	108	58.33	68.33		
	W02-13M1D	10/27/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	11/03/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	11/10/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	11/17/2003	E314.0	PERCHLORATE	0.38	J	UG/L	II	98	108	58.33	68.33		
	W02-13M1A	11/24/2003	E314.0	{ND on all 1} analytes				3	98	108	58.33	68.33		
	W02-13M1A	12/01/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	12/08/2003	E314.0	PERCHLORATE	0.5	J	UG/L	II	98	108	58.33	68.33		
	W02-13M1D	12/08/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	12/15/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	12/22/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	12/29/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1D	12/29/2003	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	01/05/2004	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	01/12/2004	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	01/19/2004	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	01/26/2004	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	02/04/2004	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	02/11/2004	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	02/16/2004	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	02/23/2004	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	03/01/2004	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1D	03/01/2004	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	03/08/2004	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	03/15/2004	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	03/22/2004	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-13M1A	03/29/2004	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	04/12/2004	8330N	{ND on all 19} analytes				II	98	108	58.33	68.33		
	W02-13M1A	04/12/2004	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	04/26/2004	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	05/10/2004	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	05/24/2004	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1D	05/24/2004	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	06/07/2004	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	07/13/2004	8330N	{ND on all 19} analytes				II	98	108	58.33	68.33		
	W02-13M1A	07/13/2004	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	08/19/2004	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	09/03/2004	E314.0	{ND on all 1} analytes				3	98	108	58.33	68.33		
	W02-13M1A	09/20/2004	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	10/15/2004	8330N	{ND on all 19} analytes				II	98	108	58.33	68.33		
	W02-13M1A	10/15/2004	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	11/15/2004	E314.0	{ND on all 1} analytes				3	98	108	58.33	68.33		
	W02-13M1A	12/17/2004	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	01/21/2005	8330N	{ND on all 19} analytes				II	98	108	58.33	68.33		
	W02-13M1A	01/21/2005	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	02/22/2005	E314.0	{ND on all 1} analytes				3	98	108	58.33	68.33		
	W02-13M1A	03/17/2005	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1D	03/17/2005	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	05/17/2005	8330N	{ND on all 19} analytes				II	98	108	58.33	68.33		
	W02-13M1A	05/17/2005	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	07/14/2005	8330N	{ND on all 19} analytes				II	98	108	58.33	68.33		
	W02-13M1A	07/14/2005	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
	W02-13M1A	10/13/2005	8330N	{ND on all 19} analytes				II	98	108	58.33	68.33		
	W02-13M1A	10/13/2005	E314.0	{ND on all 1} analytes				II	98	108	58.33	68.33		
02-13M2	W02-13M2A	04/27/2002	8330N	{ND on all 19} analytes				II	83	93	44.2	54.2		
	W02-13M2A	04/27/2002	E314.0	PERCHLORATE	0.97	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	04/27/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	83	93	44.2	54.2	80	
	W02-13M2A	05/11/2002	8330N	{ND on all 19} analytes				II	83	93	44.2	54.2		
	W02-13M2A	05/11/2002	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	05/11/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	83	93	44.2	54.2	80	
	W02-13M2A	05/16/2002	8330N	{ND on all 19} analytes				II	83	93	44.2	54.2		
	W02-13M2A	05/16/2002	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	05/16/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	83	93	44.2	54.2	80	
	W02-13M2A	05/28/2002	8330N	{ND on all 19} analytes				II	83	93	44.2	54.2		
	W02-13M2A	05/28/2002	E314.0	PERCHLORATE	0.37	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	05/28/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	83	93	44.2	54.2	80	
	W02-13M2A	06/05/2002	8330N	{ND on all 19} analytes				II	83	93	44.2	54.2		
	W02-13M2A	06/05/2002	E314.0	{ND on all 1} analytes				3	83	93	44.2	54.2		
	W02-13M2A	06/05/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	83	93	44.2	54.2	80	
	W02-13M2A	06/12/2002	8330N	{ND on all 19} analytes				II	83	93	44.2	54.2		
	W02-13M2A	06/12/2002	E314.0	PERCHLORATE	0.64	J	UG/L	II	83	93	44.2	54.2		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-13M2A	06/12/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	83	93	44.2	54.2	80	
	W02-13M2A	06/19/2002	8330N	{ND on all 19} analytes				3	83	93	44.2	54.2		
	W02-13M2A	06/19/2002	E314.0	PERCHLORATE	0.51	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	06/19/2002	OC21V	CHLOROFORM	0.8	J	UG/L	3	83	93	44.2	54.2	80	
	W02-13M2A	06/26/2002	8330N	{ND on all 19} analytes				II	83	93	44.2	54.2		
	W02-13M2A	06/26/2002	E314.0	PERCHLORATE	0.5	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	06/26/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	83	93	44.2	54.2	80	
	W02-13M2A	07/03/2002	8330N	{ND on all 19} analytes				II	83	93	44.2	54.2		
	W02-13M2A	07/03/2002	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	07/03/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	83	93	44.2	54.2	80	
	W02-13M2A	07/05/2002	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	07/11/2002	8330N	{ND on all 19} analytes				II	83	93	44.2	54.2		
	W02-13M2A	07/11/2002	E314.0	PERCHLORATE	0.36	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	07/11/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	83	93	44.2	54.2	80	
	W02-13M2A	07/17/2002	E314.0	PERCHLORATE	0.46	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	07/24/2002	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	07/31/2002	E314.0	PERCHLORATE	0.43	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	08/06/2002	E314.0	PERCHLORATE	0.46	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	08/14/2002	E314.0	PERCHLORATE	0.52	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	08/21/2002	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	08/28/2002	E314.0	PERCHLORATE	0.37	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	09/04/2002	E314.0	PERCHLORATE	0.38	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	09/11/2002	E314.0	PERCHLORATE	0.37	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2D	09/11/2002	E314.0	PERCHLORATE	0.47	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	09/17/2002	E314.0	PERCHLORATE	0.55	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	09/24/2002	E314.0	PERCHLORATE	0.36	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	10/01/2002	E314.0	PERCHLORATE	0.41	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2D	10/01/2002	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	10/08/2002	E314.0	PERCHLORATE	0.37	J	UG/L	3	83	93	44.2	54.2		
	W02-13M2A	10/15/2002	E314.0	PERCHLORATE	0.36	J	UG/L	3	83	93	44.2	54.2		
	W02-13M2A	10/22/2002	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	10/30/2002	E314.0	PERCHLORATE	0.54	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	11/05/2002	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	11/11/2002	E314.0	PERCHLORATE	0.36	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	11/19/2002	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	11/27/2002	E314.0	PERCHLORATE	0.38	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	12/05/2002	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	12/10/2002	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	12/17/2002	E314.0	PERCHLORATE	0.42	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	12/24/2002	E314.0	PERCHLORATE	0.49	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	12/30/2002	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	01/07/2003	E314.0	PERCHLORATE	0.37	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2D	01/07/2003	E314.0	PERCHLORATE	0.35	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	01/14/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	01/21/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-13M2D	01/21/2003	E314.0	PERCHLORATE	0.36	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	01/28/2003	E314.0	PERCHLORATE	0.35	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	02/04/2003	E314.0	PERCHLORATE	0.45	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2D	02/04/2003	E314.0	PERCHLORATE	0.37	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	02/11/2003	E314.0	PERCHLORATE	0.39	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	02/19/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	02/25/2003	E314.0	PERCHLORATE	0.36	J	UG/L	3	83	93	44.2	54.2		
	W02-13M2A	03/04/2003	E314.0	PERCHLORATE	0.46	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	03/11/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2D	03/11/2003	E314.0	PERCHLORATE	0.41	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	03/18/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	03/25/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	04/01/2003	E314.0	PERCHLORATE	0.38	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2D	04/01/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	04/08/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	04/15/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	04/22/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	04/29/2003	E314.0	PERCHLORATE	0.39	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2D	04/29/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	05/06/2003	E314.0	{ND on all 1} analytes				3	83	93	44.2	54.2		
	W02-13M2A	05/13/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	05/20/2003	E314.0	{ND on all 1} analytes				3	83	93	44.2	54.2		
	W02-13M2D	05/20/2003	E314.0	{ND on all 1} analytes				3	83	93	44.2	54.2		
	W02-13M2A	05/27/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	06/03/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	06/10/2003	E314.0	{ND on all 1} analytes				3	83	93	44.2	54.2		
	W02-13M2D	06/10/2003	E314.0	{ND on all 1} analytes				3	83	93	44.2	54.2		
	W02-13M2A	06/17/2003	E314.0	PERCHLORATE	0.47	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2D	06/17/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	06/24/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	07/01/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	07/08/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	07/14/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	07/22/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	08/04/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2D	08/04/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	08/11/2003	E314.0	PERCHLORATE	0.4	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	08/18/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2D	08/18/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	08/26/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	09/02/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	09/08/2003	E314.0	PERCHLORATE	0.37	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	09/15/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	09/22/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	09/30/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-13M2D	09/30/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	10/06/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	10/13/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	10/20/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	10/27/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	11/03/2003	E314.0	PERCHLORATE	0.48	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	11/10/2003	E314.0	PERCHLORATE	0.51	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	11/17/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	11/24/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2D	11/24/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	12/01/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	12/08/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	12/15/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2D	12/15/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	12/22/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	12/29/2003	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	01/05/2004	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	01/12/2004	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	01/19/2004	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	01/26/2004	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2D	01/26/2004	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	02/02/2004	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2D	02/02/2004	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	02/11/2004	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	02/16/2004	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	02/23/2004	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	03/01/2004	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	03/08/2004	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	03/15/2004	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	03/22/2004	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	03/29/2004	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	04/12/2004	8330N	{ND on all 19} analytes				II	83	93	44.2	54.2		
	W02-13M2A	04/12/2004	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	04/26/2004	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	05/10/2004	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	05/24/2004	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	06/07/2004	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	07/13/2004	8330N	{ND on all 19} analytes				II	83	93	44.2	54.2		
	W02-13M2D	07/13/2004	8330N	{ND on all 19} analytes				II	83	93	44.2	54.2		
	W02-13M2A	07/13/2004	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2D	07/13/2004	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	08/19/2004	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	09/20/2004	E314.0	PERCHLORATE	0.43	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	10/15/2004	8330N	{ND on all 19} analytes				II	83	93	44.2	54.2		
	W02-13M2A	10/15/2004	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-13M2A	11/15/2004	E314.0	PERCHLORATE	0.37	J	UG/L	3	83	93	44.2	54.2		
	W02-13M2D	11/15/2004	E314.0	{ND on all 1} analytes				3	83	93	44.2	54.2		
	W02-13M2A	12/17/2004	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2D	12/17/2004	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	01/21/2005	8330N	{ND on all 19} analytes				II	83	93	44.2	54.2		
	W02-13M2A	01/21/2005	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	02/22/2005	E314.0	{ND on all 1} analytes				3	83	93	44.2	54.2		
	W02-13M2A	03/17/2005	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	05/17/2005	8330N	{ND on all 19} analytes				II	83	93	44.2	54.2		
	W02-13M2A	05/17/2005	E314.0	PERCHLORATE	0.41	J	UG/L	II	83	93	44.2	54.2		
	W02-13M2A	07/14/2005	8330N	{ND on all 19} analytes				II	83	93	44.2	54.2		
	W02-13M2A	07/14/2005	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
	W02-13M2A	10/13/2005	8330N	{ND on all 19} analytes				II	83	93	44.2	54.2		
	W02-13M2A	10/13/2005	E314.0	{ND on all 1} analytes				II	83	93	44.2	54.2		
02-13M3	W02-13M3A	04/27/2002	8330N	{ND on all 19} analytes				II	68	78	28.3	38.3		
	W02-13M3A	04/27/2002	E314.0	PERCHLORATE	0.43	J	UG/L	II	68	78	28.3	38.3		
	W02-13M3A	04/27/2002	OC21V	CHLOROFORM	1		UG/L	II	68	78	28.3	38.3	80	
	W02-13M3A	05/11/2002	8330N	{ND on all 19} analytes				II	68	78	28.3	38.3		
	W02-13M3D	05/11/2002	8330N	{ND on all 19} analytes				II	68	78	28.3	38.3		
	W02-13M3A	05/11/2002	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3D	05/11/2002	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	05/11/2002	OC21V	CHLOROFORM	1		UG/L	II	68	78	28.3	38.3	80	
	W02-13M3D	05/11/2002	OC21V	CHLOROFORM	1		UG/L	II	68	78	28.3	38.3	80	
	W02-13M3A	05/16/2002	8330N	{ND on all 19} analytes				II	68	78	28.3	38.3		
	W02-13M3D	05/16/2002	8330N	{ND on all 19} analytes				II	68	78	28.3	38.3		
	W02-13M3A	05/16/2002	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3D	05/16/2002	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	05/16/2002	OC21V	CHLOROFORM	1		UG/L	II	68	78	28.3	38.3	80	
	W02-13M3D	05/16/2002	OC21V	CHLOROFORM	1		UG/L	II	68	78	28.3	38.3	80	
	W02-13M3A	05/29/2002	8330N	{ND on all 19} analytes				II	68	78	28.3	38.3		
	W02-13M3A	05/29/2002	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	05/29/2002	OC21V	CHLOROFORM	1		UG/L	II	68	78	28.3	38.3	80	
	W02-13M3A	05/29/2002	OC21V	CHLOROMETHANE	0.5	J	UG/L	II	68	78	28.3	38.3	30	
	W02-13M3A	06/05/2002	8330N	{ND on all 19} analytes				II	68	78	28.3	38.3		
	W02-13M3D	06/05/2002	8330N	{ND on all 19} analytes				II	68	78	28.3	38.3		
	W02-13M3A	06/05/2002	E314.0	{ND on all 1} analytes				3	68	78	28.3	38.3		
	W02-13M3D	06/05/2002	E314.0	{ND on all 1} analytes				3	68	78	28.3	38.3		
	W02-13M3A	06/05/2002	OC21V	CHLOROFORM	1		UG/L	II	68	78	28.3	38.3	80	
	W02-13M3D	06/05/2002	OC21V	CHLOROFORM	1		UG/L	II	68	78	28.3	38.3	80	
	W02-13M3A	06/12/2002	8330N	{ND on all 19} analytes				II	68	78	28.3	38.3		
	W02-13M3D	06/12/2002	8330N	{ND on all 19} analytes				II	68	78	28.3	38.3		
	W02-13M3A	06/12/2002	E314.0	PERCHLORATE	0.45	J	UG/L	II	68	78	28.3	38.3		
	W02-13M3D	06/12/2002	E314.0	PERCHLORATE	0.45	J	UG/L	II	68	78	28.3	38.3		
	W02-13M3A	06/12/2002	OC21V	CHLOROFORM	1		UG/L	II	68	78	28.3	38.3	80	
	W02-13M3D	06/12/2002	OC21V	CHLOROFORM	1		UG/L	II	68	78	28.3	38.3	80	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-13M3A	06/19/2002	8330N	{ND on all 19} analytes				3	68	78	28.3	38.3		
	W02-13M3A	06/19/2002	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	06/19/2002	OC21V	CHLOROFORM	1		UG/L	3	68	78	28.3	38.3	80	
	W02-13M3A	06/26/2002	8330N	{ND on all 19} analytes				II	68	78	28.3	38.3		
	W02-13M3A	06/26/2002	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	06/26/2002	OC21V	CHLOROFORM	1		UG/L	II	68	78	28.3	38.3	80	
	W02-13M3A	07/05/2002	8330N	{ND on all 19} analytes				II	68	78	28.3	38.3		
	W02-13M3A	07/05/2002	OC21V	CHLOROFORM	1		UG/L	II	68	78	28.3	38.3	80	
	W02-13M3A	07/11/2002	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	07/12/2002	8330N	{ND on all 19} analytes				II	68	78	28.3	38.3		
	W02-13M3A	07/12/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	68	78	28.3	38.3	80	
	W02-13M3A	07/17/2002	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	07/24/2002	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	07/31/2002	E314.0	PERCHLORATE	0.4	J	UG/L	II	68	78	28.3	38.3		
	W02-13M3A	08/06/2002	E314.0	PERCHLORATE	0.63	J	UG/L	II	68	78	28.3	38.3		
	W02-13M3D	08/06/2002	E314.0	PERCHLORATE	0.4	J	UG/L	II	68	78	28.3	38.3		
	W02-13M3A	08/14/2002	E314.0	PERCHLORATE	0.49	J	UG/L	II	68	78	28.3	38.3		
	W02-13M3A	08/21/2002	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3D	08/21/2002	E314.0	PERCHLORATE	0.46	J	UG/L	II	68	78	28.3	38.3		
	W02-13M3A	08/28/2002	E314.0	PERCHLORATE	0.5	J	UG/L	II	68	78	28.3	38.3		
	W02-13M3A	09/04/2002	E314.0	PERCHLORATE	0.53	J	UG/L	II	68	78	28.3	38.3		
	W02-13M3A	09/11/2002	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	09/17/2002	E314.0	PERCHLORATE	0.37	J	UG/L	II	68	78	28.3	38.3		
	W02-13M3D	09/17/2002	E314.0	PERCHLORATE	0.39	J	UG/L	II	68	78	28.3	38.3		
	W02-13M3A	09/24/2002	E314.0	PERCHLORATE	0.38	J	UG/L	II	68	78	28.3	38.3		
	W02-13M3A	10/01/2002	E314.0	PERCHLORATE	0.42	J	UG/L	II	68	78	28.3	38.3		
	W02-13M3A	10/08/2002	E314.0	{ND on all 1} analytes				3	68	78	28.3	38.3		
	W02-13M3D	10/08/2002	E314.0	{ND on all 1} analytes				3	68	78	28.3	38.3		
	W02-13M3A	10/15/2002	E314.0	PERCHLORATE	0.44	J	UG/L	3	68	78	28.3	38.3		
	W02-13M3A	10/22/2002	E314.0	PERCHLORATE	0.46	J	UG/L	II	68	78	28.3	38.3		
	W02-13M3A	10/30/2002	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	11/05/2002	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3D	11/05/2002	E314.0	PERCHLORATE	0.41	J	UG/L	II	68	78	28.3	38.3		
	W02-13M3A	11/11/2002	E314.0	PERCHLORATE	0.39	J	UG/L	II	68	78	28.3	38.3		
	W02-13M3D	11/11/2002	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	11/19/2002	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	11/27/2002	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	12/06/2002	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3D	12/06/2002	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	12/10/2002	E314.0	PERCHLORATE	0.44	J	UG/L	II	68	78	28.3	38.3		
	W02-13M3A	12/17/2002	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	12/24/2002	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	12/30/2002	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	01/07/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	01/14/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-13M3A	01/22/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	01/28/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	02/04/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	02/11/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	02/19/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	02/25/2003	E314.0	{ND on all 1} analytes				3	68	78	28.3	38.3		
	W02-13M3D	02/25/2003	E314.0	{ND on all 1} analytes				3	68	78	28.3	38.3		
	W02-13M3A	03/04/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3D	03/04/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	03/11/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	03/18/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	03/25/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	04/01/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	04/08/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	04/15/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	04/22/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	04/29/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	05/06/2003	E314.0	{ND on all 1} analytes				3	68	78	28.3	38.3		
	W02-13M3A	05/13/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	05/20/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	05/27/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	06/03/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	06/10/2003	E314.0	{ND on all 1} analytes				3	68	78	28.3	38.3		
	W02-13M3A	06/17/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	06/24/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	07/01/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3D	07/01/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	07/08/2003	E314.0	PERCHLORATE	0.38	J	UG/L	II	68	78	28.3	38.3		
	W02-13M3A	07/14/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	07/22/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3D	07/23/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	08/04/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	08/11/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	08/19/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	08/26/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	09/02/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	09/08/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	09/15/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	09/22/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	09/30/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	10/06/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	10/13/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	10/20/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	10/27/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	11/03/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-13M3D	11/03/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	11/10/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	11/17/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3D	11/17/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	11/24/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	12/01/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	12/08/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	12/15/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	12/22/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3D	12/22/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	12/30/2003	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	01/05/2004	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	01/12/2004	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	01/19/2004	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	01/26/2004	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	02/02/2004	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	02/11/2004	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3D	02/11/2004	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	02/16/2004	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3D	02/16/2004	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	02/23/2004	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	03/01/2004	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	03/08/2004	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	03/15/2004	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	03/22/2004	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	03/29/2004	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3D	03/29/2004	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	04/12/2004	8330N	{ND on all 19} analytes				II	68	78	28.3	38.3		
	W02-13M3A	04/12/2004	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3D	04/12/2004	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	04/26/2004	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	05/10/2004	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	05/24/2004	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	06/07/2004	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	07/13/2004	8330N	{ND on all 19} analytes				II	68	78	28.3	38.3		
	W02-13M3A	07/13/2004	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	08/19/2004	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	09/20/2004	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	10/15/2004	8330N	{ND on all 19} analytes				II	68	78	28.3	38.3		
	W02-13M3A	10/15/2004	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	11/12/2004	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	12/17/2004	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	01/21/2005	8330N	{ND on all 19} analytes				II	68	78	28.3	38.3		
	W02-13M3A	01/21/2005	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	02/22/2005	E314.0	{ND on all 1} analytes				3	68	78	28.3	38.3		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-13M3D	02/22/2005	E314.0	{ND on all 1} analytes				3	68	78	28.3	38.3		
	W02-13M3A	03/17/2005	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	05/17/2005	8330N	{ND on all 19} analytes				II	68	78	28.3	38.3		
	W02-13M3A	05/17/2005	E314.0	PERCHLORATE	0.42	J	UG/L	II	68	78	28.3	38.3		
	W02-13M3A	07/14/2005	8330N	{ND on all 19} analytes				II	68	78	28.3	38.3		
	W02-13M3A	07/14/2005	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
	W02-13M3A	10/13/2005	8330N	{ND on all 19} analytes				II	68	78	28.3	38.3		
	W02-13M3A	10/13/2005	E314.0	{ND on all 1} analytes				II	68	78	28.3	38.3		
02-15M1	W02-15M1A	06/04/2002	8330N	{ND on all 19} analytes				II	125	135	75.63	85.63		
	W02-15M1A	06/04/2002	E314.0	{ND on all 1} analytes				II	125	135	75.63	85.63		
	W02-15M1A	06/04/2002	OC21V	CHLOROFORM	1		UG/L	II	125	135	75.63	85.63	80	
	W02-15M1A	07/05/2002	E314.0	{ND on all 1} analytes				II	125	135	75.63	85.63		
	W02-15M1A	07/12/2002	E314.0	{ND on all 1} analytes				II	125	135	75.63	85.63		
	W02-15M1A	08/03/2002	8330N	{ND on all 19} analytes				II	125	135	75.63	85.63		
	W02-15M1A	08/03/2002	E314.0	{ND on all 1} analytes				II	125	135	75.63	85.63		
	W02-15M1A	08/03/2002	OC21V	CHLOROFORM	1		UG/L	II	125	135	75.63	85.63	80	
	W02-15M1A	09/07/2002	8330N	{ND on all 19} analytes				II	125	135	75.63	85.63		
	W02-15M1A	09/07/2002	E314.0	{ND on all 1} analytes				3	125	135	75.63	85.63		
	W02-15M1A	09/07/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	125	135	75.63	85.63	80	
	W02-15M1A	10/05/2002	E314.0	{ND on all 1} analytes				II	125	135	75.63	85.63		
	W02-15M1A	11/06/2002	8330N	{ND on all 19} analytes				II	125	135	75.63	85.63		
	W02-15M1A	11/06/2002	E314.0	{ND on all 1} analytes				II	125	135	75.63	85.63		
	W02-15M1A	11/06/2002	OC21V	CHLOROFORM	1		UG/L	II	125	135	75.63	85.63	80	
	W02-15M1A	12/12/2002	8330N	{ND on all 19} analytes				II	125	135	75.63	85.63		
	W02-15M1A	12/12/2002	E314.0	{ND on all 1} analytes				II	125	135	75.63	85.63		
	W02-15M1A	12/12/2002	OC21V	CHLOROFORM	1		UG/L	II	125	135	75.63	85.63	80	
	W02-15M1A	01/20/2003	8330N	{ND on all 19} analytes				II	125	135	75.63	85.63		
	W02-15M1A	01/20/2003	E314.0	{ND on all 1} analytes				3	125	135	75.63	85.63		
	W02-15M1A	01/20/2003	OC21V	CHLOROFORM	1		UG/L	II	125	135	75.63	85.63	80	
	W02-15M1A	02/19/2003	8330N	{ND on all 19} analytes				II	125	135	75.63	85.63		
	W02-15M1A	02/19/2003	E314.0	{ND on all 1} analytes				II	125	135	75.63	85.63		
	W02-15M1A	02/19/2003	OC21V	CHLOROFORM	1		UG/L	II	125	135	75.63	85.63	80	
	W02-15M1A	03/12/2003	E314.0	{ND on all 1} analytes				II	125	135	75.63	85.63		
	W02-15M1A	04/23/2003	8330N	{ND on all 19} analytes				II	125	135	75.63	85.63		
	W02-15M1A	04/23/2003	E314.0	{ND on all 1} analytes				II	125	135	75.63	85.63		
	W02-15M1A	04/23/2003	OC21V	CHLOROFORM	1		UG/L	II	125	135	75.63	85.63	80	
	W02-15M1A	05/23/2003	E314.0	{ND on all 1} analytes				II	125	135	75.63	85.63		
	W02-15M1A	06/19/2003	E314.0	{ND on all 1} analytes				II	125	135	75.63	85.63		
	W02-15M1A	07/24/2003	E314.0	{ND on all 1} analytes				II	125	135	75.63	85.63		
	W02-15M1A	08/19/2003	E314.0	{ND on all 1} analytes				II	125	135	75.63	85.63		
	W02-15M1D	08/19/2003	E314.0	{ND on all 1} analytes				II	125	135	75.63	85.63		
	W02-15M1A	09/19/2003	8330N	{ND on all 19} analytes				II	125	135	75.63	85.63		
	W02-15M1A	09/19/2003	E314.0	{ND on all 1} analytes				3	125	135	75.63	85.63		
	W02-15M1A	09/19/2003	OC21V	CHLOROFORM	1		UG/L	II	125	135	75.63	85.63	80	
	W02-15M1A	10/23/2003	E314.0	{ND on all 1} analytes				II	125	135	75.63	85.63		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-15M1A	11/20/2003	E314.0	{ND on all 1} analytes				II	125	135	75.63	85.63		
	W02-15M1A	12/11/2003	E314.0	{ND on all 1} analytes				II	125	135	75.63	85.63		
	W02-15M1A	01/19/2004	8330N	{ND on all 19} analytes				II	125	135	75.63	85.63		
	W02-15M1A	01/19/2004	E314.0	{ND on all 1} analytes				II	125	135	75.63	85.63		
	W02-15M1A	01/19/2004	OC21VM	CHLOROFORM	1		UG/L	II	125	135	75.63	85.63	80	
	W02-15M1A	02/19/2004	E314.0	{ND on all 1} analytes				II	125	135	75.63	85.63		
	W02-15M1A	03/23/2004	E314.0	{ND on all 1} analytes				II	125	135	75.63	85.63		
	W02-15M1A	04/21/2004	E314.0	{ND on all 1} analytes				II	125	135	75.63	85.63		
	W02-15M1A	08/05/2004	E314.0	{ND on all 1} analytes				II	125	135	75.63	85.63		
	W02-15M1A	02/22/2005	E314.0	{ND on all 1} analytes				3	125	135	75.63	85.63		
	W02-15M1A	05/27/2005	E314.0	{ND on all 1} analytes				II	125	135	75.63	85.63		
	W02-15M1A	09/30/2005	E314.0	{ND on all 1} analytes				II	125	135	75.63	85.63		
	W02-15M1A	12/30/2005	E314.0	{ND on all 1} analytes				II	125	135	75.63	85.63		
02-15M2	W02-15M2A	06/04/2002	8330N	{ND on all 19} analytes				II	101	111	51.5	61.5		
	W02-15M2A	06/04/2002	E314.0	{ND on all 1} analytes				II	101	111	51.5	61.5		
	W02-15M2A	06/04/2002	OC21V	CHLOROFORM	1		UG/L	II	101	111	51.5	61.5	80	
	W02-15M2A	07/05/2002	E314.0	{ND on all 1} analytes				II	101	111	51.5	61.5		
	W02-15M2A	08/05/2002	8330N	{ND on all 19} analytes				II	101	111	51.5	61.5		
	W02-15M2A	08/05/2002	E314.0	PERCHLORATE	0.61	J	UG/L	II	101	111	51.5	61.5		
	W02-15M2A	08/05/2002	OC21V	CHLOROFORM	2		UG/L	II	101	111	51.5	61.5	80	
	W02-15M2A	09/09/2002	8330N	{ND on all 19} analytes				II	101	111	51.5	61.5		
	W02-15M2A	09/09/2002	E314.0	{ND on all 1} analytes				II	101	111	51.5	61.5		
	W02-15M2A	09/09/2002	OC21V	CHLOROFORM	1		UG/L	II	101	111	51.5	61.5	80	
	W02-15M2A	10/05/2002	E314.0	{ND on all 1} analytes				II	101	111	51.5	61.5		
	W02-15M2A	11/06/2002	8330N	{ND on all 19} analytes				II	101	111	51.5	61.5		
	W02-15M2A	11/06/2002	E314.0	{ND on all 1} analytes				II	101	111	51.5	61.5		
	W02-15M2A	11/06/2002	OC21V	CHLOROFORM	1		UG/L	II	101	111	51.5	61.5	80	
	W02-15M2A	12/12/2002	8330N	{ND on all 19} analytes				II	101	111	51.5	61.5		
	W02-15M2A	12/12/2002	E314.0	{ND on all 1} analytes				II	101	111	51.5	61.5		
	W02-15M2A	12/12/2002	OC21V	CHLOROFORM	1		UG/L	II	101	111	51.5	61.5	80	
	W02-15M2A	01/20/2003	8330N	{ND on all 19} analytes				II	101	111	51.5	61.5		
	W02-15M2A	01/20/2003	E314.0	{ND on all 1} analytes				II	101	111	51.5	61.5		
	W02-15M2A	01/20/2003	OC21V	CHLOROFORM	1		UG/L	II	101	111	51.5	61.5	80	
	W02-15M2A	02/20/2003	8330N	{ND on all 19} analytes				II	101	111	51.5	61.5		
	W02-15M2A	02/20/2003	E314.0	{ND on all 1} analytes				II	101	111	51.5	61.5		
	W02-15M2A	02/20/2003	OC21V	CHLOROFORM	1		UG/L	II	101	111	51.5	61.5	80	
	W02-15M2A	03/13/2003	E314.0	{ND on all 1} analytes				II	101	111	51.5	61.5		
	W02-15M2A	04/24/2003	8330N	{ND on all 19} analytes				II	101	111	51.5	61.5		
	W02-15M2A	04/24/2003	E314.0	{ND on all 1} analytes				II	101	111	51.5	61.5		
	W02-15M2A	04/24/2003	OC21V	CHLOROFORM	2		UG/L	II	101	111	51.5	61.5	80	
	W02-15M2A	05/23/2003	E314.0	{ND on all 1} analytes				II	101	111	51.5	61.5		
	W02-15M2D	05/23/2003	E314.0	{ND on all 1} analytes				II	101	111	51.5	61.5		
	W02-15M2A	06/19/2003	E314.0	{ND on all 1} analytes				II	101	111	51.5	61.5		
	W02-15M2A	07/25/2003	E314.0	{ND on all 1} analytes				II	101	111	51.5	61.5		
	W02-15M2D	07/25/2003	E314.0	{ND on all 1} analytes				II	101	111	51.5	61.5		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-15M2A	08/19/2003	E314.0	{ND on all 1} analytes				II	101	111	51.5	61.5		
	W02-15M2A	09/19/2003	8330N	{ND on all 19} analytes				II	101	111	51.5	61.5		
	W02-15M2A	09/19/2003	E314.0	{ND on all 1} analytes				3	101	111	51.5	61.5		
	W02-15M2A	09/19/2003	OC21V	CHLOROFORM	1		UG/L	II	101	111	51.5	61.5	80	
	W02-15M2A	10/24/2003	E314.0	{ND on all 1} analytes				II	101	111	51.5	61.5		
	W02-15M2A	11/20/2003	E314.0	{ND on all 1} analytes				II	101	111	51.5	61.5		
	W02-15M2A	12/11/2003	E314.0	{ND on all 1} analytes				II	101	111	51.5	61.5		
	W02-15M2A	01/19/2004	8330N	{ND on all 19} analytes				II	101	111	51.5	61.5		
	W02-15M2A	01/19/2004	E314.0	{ND on all 1} analytes				II	101	111	51.5	61.5		
	W02-15M2A	01/19/2004	OC21VM	CHLOROFORM	1		UG/L	II	101	111	51.5	61.5	80	
	W02-15M2A	02/20/2004	E314.0	{ND on all 1} analytes				II	101	111	51.5	61.5		
	W02-15M2A	03/23/2004	E314.0	{ND on all 1} analytes				II	101	111	51.5	61.5		
	W02-15M2A	04/21/2004	E314.0	{ND on all 1} analytes				II	101	111	51.5	61.5		
	W02-15M2D	04/21/2004	E314.0	{ND on all 1} analytes				II	101	111	51.5	61.5		
	W02-15M2A	08/05/2004	E314.0	{ND on all 1} analytes				II	101	111	51.5	61.5		
	W02-15M2A	02/23/2005	E314.0	{ND on all 1} analytes				3	101	111	51.5	61.5		
	W02-15M2A	05/27/2005	E314.0	{ND on all 1} analytes				II	101	111	51.5	61.5		
	W02-15M2A	09/30/2005	E314.0	{ND on all 1} analytes				II	101	111	51.5	61.5		
	W02-15M2D	09/30/2005	E314.0	{ND on all 1} analytes				II	101	111	51.5	61.5		
	W02-15M2A	12/30/2005	E314.0	{ND on all 1} analytes				II	101	111	51.5	61.5		
02-15M3	W02-15M3A	06/04/2002	8330N	{ND on all 19} analytes				II	81	91	31.4	41.4		
	W02-15M3A	06/04/2002	E314.0	{ND on all 1} analytes				II	81	91	31.4	41.4		
	W02-15M3A	06/04/2002	OC21V	CHLOROFORM	1		UG/L	II	81	91	31.4	41.4	80	
	W02-15M3A	07/05/2002	E314.0	{ND on all 1} analytes				II	81	91	31.4	41.4		
	W02-15M3D	07/05/2002	E314.0	{ND on all 1} analytes				II	81	91	31.4	41.4		
	W02-15M3A	07/12/2002	E314.0	{ND on all 1} analytes				II	81	91	31.4	41.4		
	W02-15M3A	08/05/2002	8330N	{ND on all 19} analytes				II	81	91	31.4	41.4		
	W02-15M3A	08/05/2002	E314.0	{ND on all 1} analytes				II	81	91	31.4	41.4		
	W02-15M3A	08/05/2002	OC21V	CHLOROFORM	1		UG/L	II	81	91	31.4	41.4	80	
	W02-15M3A	09/09/2002	8330N	{ND on all 19} analytes				II	81	91	31.4	41.4		
	W02-15M3A	09/09/2002	E314.0	{ND on all 1} analytes				II	81	91	31.4	41.4		
	W02-15M3A	09/09/2002	OC21V	CHLOROFORM	1		UG/L	II	81	91	31.4	41.4	80	
	W02-15M3A	10/05/2002	E314.0	{ND on all 1} analytes				II	81	91	31.4	41.4		
	W02-15M3A	11/07/2002	8330N	{ND on all 19} analytes				II	81	91	31.4	41.4		
	W02-15M3A	11/07/2002	E314.0	{ND on all 1} analytes				II	81	91	31.4	41.4		
	W02-15M3A	11/07/2002	OC21V	CHLOROFORM	1		UG/L	II	81	91	31.4	41.4	80	
	W02-15M3A	12/12/2002	8330N	{ND on all 19} analytes				II	81	91	31.4	41.4		
	W02-15M3A	12/12/2002	E314.0	{ND on all 1} analytes				II	81	91	31.4	41.4		
	W02-15M3A	12/12/2002	OC21V	CHLOROFORM	1		UG/L	II	81	91	31.4	41.4	80	
	W02-15M3A	01/20/2003	8330N	{ND on all 19} analytes				II	81	91	31.4	41.4		
	W02-15M3A	01/20/2003	E314.0	{ND on all 1} analytes				3	81	91	31.4	41.4		
	W02-15M3A	01/20/2003	OC21V	CHLOROFORM	1		UG/L	II	81	91	31.4	41.4	80	
	W02-15M3A	02/20/2003	8330N	{ND on all 19} analytes				II	81	91	31.4	41.4		
	W02-15M3A	02/20/2003	E314.0	{ND on all 1} analytes				II	81	91	31.4	41.4		
	W02-15M3A	02/20/2003	OC21V	CHLOROFORM	1		UG/L	II	81	91	31.4	41.4	80	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W02-15M3A	03/13/2003	E314.0	{ND on all 1} analytes				II	81	91	31.4	41.4		
	W02-15M3A	04/24/2003	8330N	{ND on all 19} analytes				II	81	91	31.4	41.4		
	W02-15M3A	04/24/2003	E314.0	{ND on all 1} analytes				II	81	91	31.4	41.4		
	W02-15M3A	04/29/2003	OC21V	CHLOROFORM	1		UG/L	II	81	91	31.4	41.4	80	
	W02-15M3A	05/23/2003	E314.0	{ND on all 1} analytes				II	81	91	31.4	41.4		
	W02-15M3A	06/19/2003	E314.0	{ND on all 1} analytes				II	81	91	31.4	41.4		
	W02-15M3A	07/25/2003	E314.0	{ND on all 1} analytes				II	81	91	31.4	41.4		
	W02-15M3A	08/19/2003	E314.0	{ND on all 1} analytes				II	81	91	31.4	41.4		
	W02-15M3A	09/19/2003	8330N	{ND on all 19} analytes				II	81	91	31.4	41.4		
	W02-15M3A	09/19/2003	E314.0	{ND on all 1} analytes				3	81	91	31.4	41.4		
	W02-15M3A	09/19/2003	OC21V	CHLOROFORM	2		UG/L	II	81	91	31.4	41.4	80	
	W02-15M3A	10/24/2003	E314.0	{ND on all 1} analytes				II	81	91	31.4	41.4		
	W02-15M3A	11/20/2003	E314.0	{ND on all 1} analytes				II	81	91	31.4	41.4		
	W02-15M3D	11/20/2003	E314.0	{ND on all 1} analytes				II	81	91	31.4	41.4		
	W02-15M3A	12/12/2003	E314.0	{ND on all 1} analytes				II	81	91	31.4	41.4		
	W02-15M3A	01/19/2004	8330N	{ND on all 19} analytes				II	81	91	31.4	41.4		
	W02-15M3A	01/19/2004	E314.0	{ND on all 1} analytes				II	81	91	31.4	41.4		
	W02-15M3A	01/19/2004	OC21VM	CHLOROFORM	2		UG/L	II	81	91	31.4	41.4	80	
	W02-15M3A	02/20/2004	E314.0	{ND on all 1} analytes				II	81	91	31.4	41.4		
	W02-15M3A	03/23/2004	E314.0	{ND on all 1} analytes				II	81	91	31.4	41.4		
	W02-15M3D	03/23/2004	E314.0	{ND on all 1} analytes				II	81	91	31.4	41.4		
	W02-15M3A	04/22/2004	E314.0	{ND on all 1} analytes				II	81	91	31.4	41.4		
	W02-15M3A	08/05/2004	E314.0	{ND on all 1} analytes				II	81	91	31.4	41.4		
	W02-15M3A	01/14/2005	E314.0	{ND on all 1} analytes				II	81	91	31.4	41.4		
	W02-15M3A	05/27/2005	E314.0	{ND on all 1} analytes				II	81	91	31.4	41.4		
	W02-15M3D	05/27/2005	E314.0	{ND on all 1} analytes				II	81	91	31.4	41.4		
	W02-15M3A	09/30/2005	E314.0	{ND on all 1} analytes				II	81	91	31.4	41.4		
	W02-15M3A	01/03/2006	E314.0	{ND on all 1} analytes				II	81	91	31.4	41.4		
1-88A	TW1-88AA	03/21/2002	8330N	{ND on all 19} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88AA	03/21/2002	E314.0	PERCHLORATE	0.39	J	UG/L	II	102.9	102.9	67.4	67.4		
	TW1-88AA	03/21/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	102.9	102.9	67.4	67.4	80	
	TW1-88AA	03/21/2002	OC21V	TOLUENE	0.5	J	UG/L	II	102.9	102.9	67.4	67.4	1000	
	TW1-88AA	04/13/2002	8330N	{ND on all 19} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88AA	04/13/2002	E314.0	PERCHLORATE	0.4	J	UG/L	II	102.9	102.9	67.4	67.4		
	TW1-88AA	04/13/2002	OC21V	ACETONE	3	J	UG/L	II	102.9	102.9	67.4	67.4		
	TW1-88AA	04/13/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	102.9	102.9	67.4	67.4	80	
	TW1-88AA	04/13/2002	OC21V	TOLUENE	0.9	J	UG/L	II	102.9	102.9	67.4	67.4	1000	
	TW1-88AA	05/12/2002	8330N	{ND on all 19} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88AA	05/12/2002	E314.0	PERCHLORATE	0.5	J	UG/L	II	102.9	102.9	67.4	67.4		
	TW1-88AA	05/12/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	102.9	102.9	67.4	67.4	80	
	TW1-88AA	05/12/2002	OC21V	TOLUENE	0.3	J	UG/L	II	102.9	102.9	67.4	67.4	1000	
	TW1-88AA	06/05/2002	8330N	{ND on all 19} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88AA	06/05/2002	E314.0	{ND on all 1} analytes				3	102.9	102.9	67.4	67.4		
	TW1-88AA	06/05/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	102.9	102.9	67.4	67.4	80	
	TW1-88AA	06/05/2002	OC21V	TOLUENE	0.4	J	UG/L	II	102.9	102.9	67.4	67.4	1000	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	TW1-88AA	06/13/2002	8330N	{ND on all 19} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88AD	06/13/2002	8330N	{ND on all 19} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88AA	06/13/2002	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88AD	06/13/2002	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88AA	06/13/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	102.9	102.9	67.4	67.4	80	
	TW1-88AD	06/13/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	102.9	102.9	67.4	67.4	80	
	TW1-88AA	06/19/2002	8330N	{ND on all 19} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88AA	06/19/2002	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88AA	06/19/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	102.9	102.9	67.4	67.4	80	
	TW1-88AA	06/19/2002	OC21V	TOLUENE	0.2	J	UG/L	II	102.9	102.9	67.4	67.4	1000	
	TW1-88AA	06/26/2002	8330N	{ND on all 19} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88AA	06/26/2002	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88AA	06/26/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	102.9	102.9	67.4	67.4	80	
	TW1-88AA	06/26/2002	OC21V	TOLUENE	0.2	J	UG/L	II	102.9	102.9	67.4	67.4	1000	
	TW1-88AA	07/03/2002	8330N	{ND on all 19} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88AA	07/03/2002	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88AA	07/03/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	102.9	102.9	67.4	67.4	80	
	TW1-88AA	07/11/2002	8330N	{ND on all 19} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88AA	07/11/2002	E314.0	PERCHLORATE	0.45	J	UG/L	II	102.9	102.9	67.4	67.4		
	TW1-88AA	07/11/2002	OC21V	CHLOROFORM	0.3	J	UG/L	II	102.9	102.9	67.4	67.4	80	
	TW1-88AA	07/11/2002	OC21V	TOLUENE	0.5	J	UG/L	II	102.9	102.9	67.4	67.4	1000	
	TW1-88AA	07/17/2002	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88AD	07/17/2002	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88AA	07/24/2002	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88AA	07/31/2002	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88AA	08/06/2002	E314.0	PERCHLORATE	0.36	J	UG/L	II	102.9	102.9	67.4	67.4		
	TW1-88AA	08/14/2002	E314.0	PERCHLORATE	0.41	J	UG/L	II	102.9	102.9	67.4	67.4		
	TW1-88AD	08/14/2002	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88AA	08/21/2002	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88AA	08/28/2002	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	09/04/2002	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88AA	09/11/2002	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88AD	09/11/2002	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	09/17/2002	E314.0	PERCHLORATE	0.48	J	UG/L	II	102.9	102.9	67.4	67.4		
	TW1-88A-A	09/24/2002	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	10/01/2002	E314.0	PERCHLORATE	0.36	J	UG/L	II	102.9	102.9	67.4	67.4		
	TW1-88A-D	10/01/2002	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88AA	10/08/2002	E314.0	{ND on all 1} analytes				3	102.9	102.9	67.4	67.4		
	TW1-88AA	10/15/2002	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88AA	10/22/2002	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88AA	10/29/2002	E314.0	PERCHLORATE	0.38	J	UG/L	II	102.9	102.9	67.4	67.4		
	TW1-88A	11/05/2002	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	11/11/2002	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	11/19/2002	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	11/27/2002	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	TW1-88A-A	12/03/2002	E314.0	PERCHLORATE	0.37	J	UG/L	II	102.9	102.9	67.4	67.4		
	TW1-88A-A	12/10/2002	E314.0	PERCHLORATE	0.45	J	UG/L	II	102.9	102.9	67.4	67.4		
	TW1-88A-A	12/17/2002	E314.0	PERCHLORATE	0.4	J	UG/L	II	102.9	102.9	67.4	67.4		
	TW1-88A-A	12/24/2002	E314.0	PERCHLORATE	0.49	J	UG/L	II	102.9	102.9	67.4	67.4		
	TW1-88A-A	12/30/2002	E314B	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	01/07/2003	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	01/14/2003	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-D	01/14/2003	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	01/21/2003	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	01/28/2003	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	02/04/2003	E314.0	PERCHLORATE	0.41	J	UG/L	II	102.9	102.9	67.4	67.4		
	TW1-88A-D	02/04/2003	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	02/11/2003	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	02/19/2003	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	02/25/2003	E314.0	{ND on all 1} analytes				3	102.9	102.9	67.4	67.4		
	TW1-88A-A	03/04/2003	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-D	03/04/2003	E314.0	PERCHLORATE	0.37	J	UG/L	II	102.9	102.9	67.4	67.4		
	TW1-88A-A	03/20/2003	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	04/22/2003	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	05/28/2003	E314.0	{ND on all 1} analytes				3	102.9	102.9	67.4	67.4		
	TW1-88A-A	06/24/2003	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	07/28/2003	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	08/21/2003	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-D	08/21/2003	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	09/22/2003	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	10/20/2003	E314.0	PERCHLORATE	0.46	J	UG/L	II	102.9	102.9	67.4	67.4		
	TW1-88A-A	11/17/2003	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	12/16/2003	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	01/12/2004	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-D	01/12/2004	E314.0	PERCHLORATE	0.37	J	UG/L	II	102.9	102.9	67.4	67.4		
	TW1-88A-A	02/11/2004	E314.0	{ND on all 1} analytes				3	102.9	102.9	67.4	67.4		
	TW1-88A-A	03/22/2004	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	05/06/2004	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-D	05/06/2004	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	06/16/2004	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	08/19/2004	8330N	{ND on all 19} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	08/19/2004	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	10/11/2004	8330N	{ND on all 19} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	10/11/2004	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	01/03/2005	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	02/24/2005	8330N	{ND on all 19} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	05/17/2005	8330N	{ND on all 19} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	05/17/2005	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	07/18/2005	8330N	{ND on all 19} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	07/18/2005	E314.0	PERCHLORATE	1	J	UG/L	II	102.9	102.9	67.4	67.4		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	TW1-88A-A	08/24/2005	E314.0	{ND on all 1} analytes				II	102.9	102.9	67.4	67.4		
	TW1-88A-A	10/27/2005	8330N	{ND on all 19} analytes				3	102.9	102.9	67.4	67.4		
	TW1-88A-A	10/27/2005	E314.0	{ND on all 1} analytes				3	102.9	102.9	67.4	67.4		
1-88B	TW1-88BA	03/20/2002	8330N	{ND on all 19} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88BA	03/20/2002	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88BA	03/20/2002	OC21V	ACETONE	15	J	UG/L	II	105.5	105.5	69.6	69.6		
	TW1-88BA	03/20/2002	OC21V	CHLOROMETHANE	0.4	J	UG/L	II	105.5	105.5	69.6	69.6	30	
	TW1-88BA	03/20/2002	OC21V	METHYL ETHYL KETONE (2-BUTA	1	J	UG/L	II	105.5	105.5	69.6	69.6		
	TW1-88BA	03/20/2002	OC21V	TOLUENE	8		UG/L	II	105.5	105.5	69.6	69.6	1000	
	TW1-88BA	04/13/2002	8330N	{ND on all 19} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88BD	04/13/2002	8330N	{ND on all 19} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88BA	04/13/2002	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88BD	04/13/2002	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88BA	04/13/2002	OC21V	ACETONE	16	J	UG/L	II	105.5	105.5	69.6	69.6		
	TW1-88BA	04/13/2002	OC21V	CHLOROFORM	0.3	J	UG/L	II	105.5	105.5	69.6	69.6	80	
	TW1-88BA	04/13/2002	OC21V	TOLUENE	2		UG/L	II	105.5	105.5	69.6	69.6	1000	
	TW1-88BD	04/13/2002	OC21V	ACETONE	16	J	UG/L	II	105.5	105.5	69.6	69.6		
	TW1-88BD	04/13/2002	OC21V	CHLOROFORM	0.2	J	UG/L	II	105.5	105.5	69.6	69.6	80	
	TW1-88BD	04/13/2002	OC21V	METHYL ETHYL KETONE (2-BUTA	2	J	UG/L	II	105.5	105.5	69.6	69.6		
	TW1-88BD	04/13/2002	OC21V	TOLUENE	2		UG/L	II	105.5	105.5	69.6	69.6	1000	
	TW1-88BA	05/12/2002	8330N	{ND on all 19} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88BA	05/12/2002	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88BA	05/12/2002	OC21V	ACETONE	2	J	UG/L	II	105.5	105.5	69.6	69.6		
	TW1-88BA	05/12/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	105.5	105.5	69.6	69.6	80	
	TW1-88BA	05/12/2002	OC21V	TOLUENE	0.3	J	UG/L	II	105.5	105.5	69.6	69.6	1000	
	TW1-88BA	06/06/2002	8330N	{ND on all 19} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88BA	06/06/2002	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88BA	06/06/2002	OC21V	ACETONE	2	J	UG/L	II	105.5	105.5	69.6	69.6		
	TW1-88BA	06/06/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	105.5	105.5	69.6	69.6	80	
	TW1-88BA	06/06/2002	OC21V	TOLUENE	0.2	J	UG/L	II	105.5	105.5	69.6	69.6	1000	
	TW1-88BA	06/15/2002	8330N	{ND on all 19} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88BD	06/15/2002	8330N	{ND on all 19} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88BA	06/15/2002	E314.0	PERCHLORATE	0.44	J	UG/L	II	105.5	105.5	69.6	69.6		
	TW1-88BD	06/15/2002	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88BA	06/15/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	105.5	105.5	69.6	69.6	80	
	TW1-88BD	06/15/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	105.5	105.5	69.6	69.6	80	
	TW1-88BA	07/23/2002	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88BA	07/31/2002	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	08/22/2002	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	09/21/2002	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	10/23/2002	E314.0	PERCHLORATE	0.4	J	UG/L	II	105.5	105.5	69.6	69.6		
	TW1-88B-D	10/23/2002	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	12/13/2002	E314.0	PERCHLORATE	0.52	J	UG/L	3	105.5	105.5	69.6	69.6		
	TW1-88B-A	01/14/2003	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-D	01/14/2003	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	TW1-88B-A	02/21/2003	E314.0	PERCHLORATE	0.36	J	UG/L	II	105.5	105.5	69.6	69.6		
	TW1-88B-D	02/21/2003	E314.0	PERCHLORATE	0.36	J	UG/L	II	105.5	105.5	69.6	69.6		
	TW1-88B-A	03/20/2003	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	04/23/2003	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	05/06/2003	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-D	05/06/2003	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	05/20/2003	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	06/03/2003	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	06/17/2003	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	07/01/2003	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-D	07/01/2003	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	07/16/2003	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-D	07/16/2003	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	08/12/2003	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	08/26/2003	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-D	08/26/2003	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	09/08/2003	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	09/22/2003	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-D	09/22/2003	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	10/06/2003	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	10/20/2003	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	11/03/2003	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	11/17/2003	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	12/01/2003	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	12/15/2003	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	12/29/2003	E314.0	PERCHLORATE	0.49	J	UG/L	II	105.5	105.5	69.6	69.6		
	TW1-88B-A	01/12/2004	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	01/27/2004	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	02/11/2004	E314.0	{ND on all 1} analytes				3	105.5	105.5	69.6	69.6		
	TW1-88B-A	02/23/2004	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	03/09/2004	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	03/22/2004	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	04/16/2004	8330N	{ND on all 19} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	04/16/2004	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	11/30/2004	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	02/24/2005	E314.0	{ND on all 1} analytes				3	105.5	105.5	69.6	69.6		
	TW1-88B-A	05/17/2005	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	08/24/2005	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-D	08/24/2005	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
	TW1-88B-A	12/01/2005	E314.0	{ND on all 1} analytes				II	105.5	105.5	69.6	69.6		
4036000-01G	4036000-01G	08/09/1999	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G	11/02/1999	8330N	{ND on all 18} analytes				II	38	69.8	6	12		
	4036000-01GD	11/02/1999	8330N	{ND on all 18} analytes				II	38	69.8	6	12		
	4036000-01G	02/02/2000	8330N	{ND on all 18} analytes				II	38	69.8	6	12		
	4036000-01GD	02/02/2000	8330N	{ND on all 18} analytes				II	38	69.8	6	12		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	4036000-01G	05/01/2000	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G	08/07/2000	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G	12/13/2000	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G	10/23/2001	8330N	{ND on all 19} analytes				3	38	69.8	6	12		
	4036000-01G	10/23/2001	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	01/30/2002	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G	01/30/2002	E314.0	{ND on all 1} analytes				3	38	69.8	6	12		
	4036000-01G	02/27/2002	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G	02/27/2002	E314.0	{ND on all 1} analytes				3	38	69.8	6	12		
	4036000-01G	03/13/2002	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G	03/13/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	03/20/2002	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G	03/20/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	03/20/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	38	69.8	6	12	80	
	4036000-01G	03/27/2002	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G	03/27/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	03/27/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	38	69.8	6	12	80	
	4036000-01G	04/03/2002	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G	04/03/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	04/03/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	38	69.8	6	12	80	
	4036000-01G	04/10/2002	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G	04/10/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	04/10/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	38	69.8	6	12	80	
	4036000-01G	04/17/2002	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G	04/17/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	04/17/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	38	69.8	6	12	80	
	4036000-01G	04/24/2002	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G	04/24/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	04/24/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	38	69.8	6	12	80	
	4036000-01G	05/01/2002	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G	05/01/2002	E314.0	{ND on all 1} analytes				3	38	69.8	6	12		
	4036000-01G	05/01/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	38	69.8	6	12	80	
	4036000-01G	05/08/2002	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G	05/08/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	05/08/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	38	69.8	6	12	80	
	4036000-01G	05/15/2002	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G	05/15/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	05/15/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	38	69.8	6	12	80	
	4036000-01G	05/22/2002	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G	05/22/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	05/22/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	38	69.8	6	12	80	
	4036000-01G	05/29/2002	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G	05/29/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	05/29/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	38	69.8	6	12	80	
	4036000-01G	05/29/2002	OC21V	CHLOROMETHANE	0.4	J	UG/L	II	38	69.8	6	12	30	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	4036000-01G	06/05/2002	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G	06/05/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	06/12/2002	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G	06/12/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	06/19/2002	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G	06/19/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	06/26/2002	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G	06/26/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	07/03/2002	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G	07/03/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	07/10/2002	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G	07/10/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	07/17/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	07/24/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	07/31/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	08/07/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	08/14/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	08/21/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	08/28/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	08/28/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01GD	08/28/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01GD	08/28/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	09/04/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	09/10/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	09/10/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01GD	09/10/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01GD	09/10/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	09/18/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	09/24/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01GD	09/24/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	10/01/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	10/08/2002	E314.0	{ND on all 1} analytes				3	38	69.8	6	12		
	4036000-01G	10/15/2002	E314.0	{ND on all 1} analytes				3	38	69.8	6	12		
	4036000-01G	10/22/2002	E314.0	{ND on all 1} analytes				3	38	69.8	6	12		
	4036000-01G	10/29/2002	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01GD	10/29/2002	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G	10/29/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01GD	10/29/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	11/05/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	11/12/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	11/19/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01GD	11/19/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G	11/26/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	12/04/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	12/10/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	4036000-01G-A	12/17/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	12/24/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	12/31/2002	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	01/07/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	01/14/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	01/21/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	01/28/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	02/04/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	02/25/2003	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G-A	02/25/2003	E314.0	{ND on all 1} analytes				3	38	69.8	6	12		
	4036000-01G-A	03/04/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	03/11/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	03/18/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	03/25/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	04/01/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	04/08/2003	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G-A	04/08/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	04/15/2003	E314.0	{ND on all 1} analytes				3	38	69.8	6	12		
	4036000-01G-A	04/22/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	04/29/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	05/06/2003	E314.0	{ND on all 1} analytes				3	38	69.8	6	12		
	4036000-01G-A	05/13/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	05/20/2003	E314.0	{ND on all 1} analytes				3	38	69.8	6	12		
	4036000-01G-A	05/27/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	06/03/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	06/10/2003	E314.0	{ND on all 1} analytes				3	38	69.8	6	12		
	4036000-01G-A	06/17/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	06/24/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	06/24/2003	E314.0	PERCHLORATE	0.37	J	UG/L	II	38	69.8	6	12		
	4036000-01G-A	07/01/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	07/01/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	07/07/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	07/07/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	07/14/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	07/21/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	07/28/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	08/04/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	08/11/2003	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G-A	08/11/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	08/18/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	08/25/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	09/02/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	09/08/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	09/15/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	09/22/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	4036000-01G-A	09/29/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	10/07/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	10/14/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	10/20/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	10/27/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	11/03/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	11/10/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	11/17/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	11/24/2003	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G-A	11/24/2003	E314.0	{ND on all 1} analytes				3	38	69.8	6	12		
	4036000-01G-A	12/01/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	12/08/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	12/15/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	12/22/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	12/29/2003	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	01/05/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	01/12/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	01/20/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	01/26/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	02/02/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	02/10/2004	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G-A	02/10/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	02/17/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	02/23/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	03/01/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	03/08/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	03/15/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	03/22/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	03/29/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	04/05/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	04/12/2004	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G-A	04/12/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	04/20/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	04/26/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	05/03/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	05/10/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	05/17/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	05/24/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	06/01/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	06/07/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	06/14/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	06/21/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	06/28/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	07/06/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	07/12/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	4036000-01G-A	07/19/2004	8330N	{ND on all 19} analytes				3	38	69.8	6	12		
	4036000-01G-A	07/19/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	07/26/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	08/02/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	08/09/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	08/16/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	08/23/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	08/30/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	09/07/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	09/13/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	09/20/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	09/27/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	10/04/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	10/12/2004	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G-A	10/12/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	10/18/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	10/25/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	11/01/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	11/08/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	11/15/2004	E314.0	{ND on all 1} analytes				3	38	69.8	6	12		
	4036000-01G-A	11/22/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	11/29/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	12/06/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	12/13/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	12/20/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	12/28/2004	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	01/03/2005	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	01/10/2005	E314.0	{ND on all 1} analytes				3	38	69.8	6	12		
	4036000-01G-A	01/18/2005	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	01/27/2005	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G-A	01/27/2005	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	01/31/2005	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	02/07/2005	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	02/14/2005	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	02/22/2005	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	02/28/2005	E314.0	{ND on all 1} analytes				3	38	69.8	6	12		
	4036000-01G-A	03/07/2005	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	03/14/2005	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	03/21/2005	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	03/30/2005	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	05/16/2005	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G-A	05/16/2005	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	07/19/2005	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G-A	07/19/2005	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	10/18/2005	8330N	{ND on all 19} analytes				II	38	69.8	6	12		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	4036000-01G-A	10/18/2005	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
	4036000-01G-A	01/19/2006	8330N	{ND on all 19} analytes				II	38	69.8	6	12		
	4036000-01G-A	01/19/2006	E314.0	{ND on all 1} analytes				II	38	69.8	6	12		
4036000-03G	4036000-03G	08/09/1999	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G	11/02/1999	8330N	{ND on all 18} analytes				II	50	60	6	12		
	4036000-03G	02/02/2000	8330N	{ND on all 18} analytes				II	50	60	6	12		
	4036000-03GD	02/02/2000	8330N	{ND on all 18} analytes				II	50	60	6	12		
	4036000-03G	05/01/2000	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G	12/13/2000	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G	05/09/2001	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G	10/23/2001	8330N	{ND on all 19} analytes				3	50	60	6	12		
	4036000-03G	10/23/2001	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G	01/30/2002	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G	01/30/2002	E314.0	{ND on all 1} analytes				3	50	60	6	12		
	4036000-03G	02/27/2002	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03GD	02/27/2002	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G	02/27/2002	E314.0	{ND on all 1} analytes				3	50	60	6	12		
	4036000-03GD	02/27/2002	E314.0	{ND on all 1} analytes				3	50	60	6	12		
	4036000-03G	03/13/2002	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G	03/13/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G	03/20/2002	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G	03/20/2002	E314.0	PERCHLORATE	0.5	J	UG/L	II	50	60	6	12		
	4036000-03G	03/20/2002	OC21V	CHLOROFORM	1		UG/L	II	50	60	6	12	80	
	4036000-03G	03/27/2002	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G	03/27/2002	E314.0	PERCHLORATE	0.41	J	UG/L	II	50	60	6	12		
	4036000-03G	03/27/2002	OC21V	CHLOROFORM	1		UG/L	II	50	60	6	12	80	
	4036000-03G	04/03/2002	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G	04/03/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G	04/03/2002	OC21V	ACETONE	1	J	UG/L	II	50	60	6	12		
	4036000-03G	04/03/2002	OC21V	CHLOROFORM	1		UG/L	II	50	60	6	12	80	
	4036000-03G	04/10/2002	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G	04/10/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G	04/10/2002	OC21V	CHLOROFORM	1		UG/L	II	50	60	6	12	80	
	4036000-03G	04/17/2002	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G	04/17/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G	04/17/2002	OC21V	CHLOROFORM	1		UG/L	II	50	60	6	12	80	
	4036000-03G	04/24/2002	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G	04/24/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G	04/24/2002	OC21V	CHLOROFORM	1		UG/L	II	50	60	6	12	80	
	4036000-03G	05/01/2002	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G	05/01/2002	E314.0	{ND on all 1} analytes				3	50	60	6	12		
	4036000-03G	05/01/2002	OC21V	CHLOROFORM	1		UG/L	II	50	60	6	12	80	
	4036000-03G	05/08/2002	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G	05/08/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G	05/08/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	50	60	6	12	80	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	4036000-03G	05/15/2002	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G	05/15/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G	05/15/2002	OC21V	CHLOROFORM	1		UG/L	II	50	60	6	12	80	
	4036000-03G	05/22/2002	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03GD	05/22/2002	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G	05/22/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03GD	05/22/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G	05/22/2002	OC21V	CHLOROFORM	1		UG/L	II	50	60	6	12	80	
	4036000-03GD	05/22/2002	OC21V	CHLOROFORM	1		UG/L	II	50	60	6	12	80	
	4036000-03G	05/29/2002	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G	05/29/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G	05/29/2002	OC21V	CHLOROFORM	1		UG/L	II	50	60	6	12	80	
	4036000-03G	05/29/2002	OC21V	CHLOROMETHANE	0.4	J	UG/L	II	50	60	6	12	30	
	4036000-03G	06/05/2002	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G	06/05/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G	06/13/2002	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G	06/13/2002	E314.0	PERCHLORATE	0.37	J	UG/L	II	50	60	6	12		
	4036000-03G	06/19/2002	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G	06/19/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G	06/26/2002	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G	06/26/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G	07/03/2002	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G	07/03/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G	07/10/2002	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G	07/10/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G	07/17/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G	07/24/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G	07/31/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G	08/07/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G	08/14/2002	E314.0	PERCHLORATE	0.41	J	UG/L	II	50	60	6	12		
	4036000-03G	08/21/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G	08/28/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G	09/04/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G	09/11/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G	09/18/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G	09/24/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G	10/01/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G	10/08/2002	E314.0	{ND on all 1} analytes				3	50	60	6	12		
	4036000-03G	10/15/2002	E314.0	{ND on all 1} analytes				3	50	60	6	12		
	4036000-03G	10/22/2002	E314.0	PERCHLORATE	0.47	J	UG/L	3	50	60	6	12		
	4036000-03G	10/29/2002	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G	10/29/2002	E314.0	PERCHLORATE	0.59	J	UG/L	II	50	60	6	12		
	4036000-03G	11/05/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G	11/12/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G	11/19/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	4036000-03G	11/26/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	12/04/2002	E314.0	PERCHLORATE	0.37	J	UG/L	II	50	60	6	12		
	4036000-03G-A	12/10/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	12/17/2002	E314.0	{ND on all 1} analytes				3	50	60	6	12		
	4036000-03G-A	12/24/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	12/31/2002	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	01/07/2003	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	01/14/2003	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	01/28/2003	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	02/25/2003	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G-A	02/25/2003	E314.0	{ND on all 1} analytes				3	50	60	6	12		
	4036000-03G-A	03/11/2003	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	03/25/2003	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	04/08/2003	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G-A	04/08/2003	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	04/22/2003	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	05/06/2003	E314.0	{ND on all 1} analytes				3	50	60	6	12		
	4036000-03G-A	05/20/2003	E314.0	{ND on all 1} analytes				3	50	60	6	12		
	4036000-03G-A	06/03/2003	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	06/17/2003	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	07/01/2003	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	07/14/2003	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	07/28/2003	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	08/11/2003	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G-A	08/11/2003	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	08/26/2003	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	09/08/2003	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	09/22/2003	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	10/06/2003	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	10/20/2003	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	11/03/2003	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	11/17/2003	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	11/24/2003	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G-A	11/24/2003	E314.0	{ND on all 1} analytes				3	50	60	6	12		
	4036000-03G-A	12/01/2003	E314.0	PERCHLORATE	0.41	J	UG/L	II	50	60	6	12		
	4036000-03G-A	12/15/2003	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	12/29/2003	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	01/12/2004	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	01/26/2004	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	02/10/2004	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G-A	02/10/2004	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	02/23/2004	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	03/08/2004	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	03/22/2004	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	04/12/2004	8330N	{ND on all 19} analytes				II	50	60	6	12		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	4036000-03G-A	04/12/2004	E314.0	PERCHLORATE	0.22	J	UG/L	II	50	60	6	12		
	4036000-03G-A	05/10/2004	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	07/26/2004	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G-A	07/26/2004	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	10/12/2004	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G-A	10/12/2004	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	01/27/2005	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G-A	01/27/2005	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	04/08/2005	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	05/16/2005	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G-A	05/16/2005	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	07/19/2005	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G-A	07/19/2005	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	10/18/2005	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G-A	10/18/2005	E314.0	{ND on all 1} analytes				II	50	60	6	12		
	4036000-03G-A	01/19/2006	8330N	{ND on all 19} analytes				II	50	60	6	12		
	4036000-03G-A	01/19/2006	E314.0	{ND on all 1} analytes				II	50	60	6	12		
4036000-04G	4036000-04G	08/09/1999	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04GD	08/09/1999	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G	11/02/1999	8330N	{ND on all 18} analytes				II	54.6	64.6	6	12		
	4036000-04G	02/02/2000	8330N	{ND on all 18} analytes				II	54.6	64.6	6	12		
	4036000-04G	05/01/2000	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G	08/07/2000	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G	12/13/2000	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G	05/09/2001	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G	10/23/2001	8330N	{ND on all 19} analytes				3	54.6	64.6	6	12		
	4036000-04G	10/23/2001	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G	01/30/2002	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G	01/30/2002	E314.0	{ND on all 1} analytes				3	54.6	64.6	6	12		
	4036000-04G	02/27/2002	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G	02/27/2002	E314.0	{ND on all 1} analytes				3	54.6	64.6	6	12		
	4036000-04G	03/13/2002	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G	03/13/2002	E314.0	PERCHLORATE	0.48	J	UG/L	II	54.6	64.6	6	12		
	4036000-04G	03/19/2002	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G	03/19/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G	03/19/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	54.6	64.6	6	12	80	
	4036000-04G	03/27/2002	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G	03/27/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G	03/27/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	54.6	64.6	6	12	80	
	4036000-04G	04/03/2002	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G	04/03/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G	04/03/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	54.6	64.6	6	12	80	
	4036000-04G	04/10/2002	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G	04/10/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G	04/10/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	54.6	64.6	6	12	80	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	4036000-04G	04/17/2002	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G	04/17/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G	04/17/2002	OC21V	CHLOROFORM	1		UG/L	II	54.6	64.6	6	12	80	
	4036000-04G	04/24/2002	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G	04/24/2002	E314.0	PERCHLORATE	0.74	J	UG/L	II	54.6	64.6	6	12		
	4036000-04G	04/24/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	54.6	64.6	6	12	80	
	4036000-04G	05/01/2002	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G	05/01/2002	E314.0	{ND on all 1} analytes				3	54.6	64.6	6	12		
	4036000-04G	05/01/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	54.6	64.6	6	12	80	
	4036000-04G	05/08/2002	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G	05/08/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G	05/08/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	54.6	64.6	6	12	80	
	4036000-04G	05/15/2002	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G	05/15/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G	05/15/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	54.6	64.6	6	12	80	
	4036000-04G	05/22/2002	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G	05/22/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G	05/22/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	54.6	64.6	6	12	80	
	4036000-04G	05/22/2002	OC21V	TRICHLOROETHYLENE (TCE)	0.3	J	UG/L	II	54.6	64.6	6	12	5	
	4036000-04G	05/29/2002	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G	05/29/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G	05/29/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	54.6	64.6	6	12	80	
	4036000-04G	06/05/2002	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G	06/05/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G	06/13/2002	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G	06/13/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G	06/19/2002	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G	06/19/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G	06/26/2002	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G	06/26/2002	E314.0	PERCHLORATE	0.48	J	UG/L	II	54.6	64.6	6	12		
	4036000-04G	07/03/2002	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G	07/03/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G	07/10/2002	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G	07/10/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G	07/17/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G	07/24/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G	07/31/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G	08/07/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G	08/14/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G	08/21/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G	08/28/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G	09/04/2002	E314.0	PERCHLORATE	0.39	J	UG/L	II	54.6	64.6	6	12		
	4036000-04G	09/11/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G	09/18/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G	09/24/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	4036000-04G	10/01/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G	10/08/2002	E314.0	{ND on all 1} analytes				3	54.6	64.6	6	12		
	4036000-04G	10/15/2002	E314.0	{ND on all 1} analytes				3	54.6	64.6	6	12		
	4036000-04G	10/22/2002	E314.0	{ND on all 1} analytes				3	54.6	64.6	6	12		
	4036000-04G	10/29/2002	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G	10/29/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G	11/05/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G	11/12/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G	11/19/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G	11/26/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	12/04/2002	E314.0	PERCHLORATE	0.35	J	UG/L	II	54.6	64.6	6	12		
	4036000-04G-A	12/10/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	12/17/2002	E314.0	{ND on all 1} analytes				3	54.6	64.6	6	12		
	4036000-04G-A	12/24/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	12/31/2002	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	01/07/2003	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	01/14/2003	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	01/28/2003	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	02/11/2003	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	02/25/2003	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	02/25/2003	E314.0	{ND on all 1} analytes				3	54.6	64.6	6	12		
	4036000-04G-A	03/11/2003	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	03/25/2003	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	04/08/2003	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	04/08/2003	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	04/22/2003	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	05/06/2003	E314.0	{ND on all 1} analytes				3	54.6	64.6	6	12		
	4036000-04G-A	05/20/2003	E314.0	{ND on all 1} analytes				3	54.6	64.6	6	12		
	4036000-04G-A	06/03/2003	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	06/17/2003	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	07/01/2003	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	07/14/2003	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	07/28/2003	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	08/11/2003	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	08/11/2003	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	08/26/2003	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	09/08/2003	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	09/22/2003	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	10/06/2003	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	10/20/2003	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	11/03/2003	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	11/17/2003	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	11/24/2003	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	11/24/2003	E314.0	{ND on all 1} analytes				3	54.6	64.6	6	12		
	4036000-04G-A	12/01/2003	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	4036000-04G-A	12/15/2003	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	12/29/2003	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	01/12/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	01/26/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	02/10/2004	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	02/10/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	02/23/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	03/08/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	03/22/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	04/12/2004	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	04/12/2004	E314.0	PERCHLORATE	0.18	J	UG/L	II	54.6	64.6	6	12		
	4036000-04G-A	04/21/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	04/26/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	05/03/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	05/10/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	05/17/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	05/24/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	06/01/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	06/07/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	06/14/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	06/21/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	06/28/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	07/06/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	07/12/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	07/19/2004	8330N	{ND on all 19} analytes				3	54.6	64.6	6	12		
	4036000-04G-A	07/19/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	07/26/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	08/02/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	08/09/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	08/16/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	08/23/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	08/30/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	09/07/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	09/13/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	09/20/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	09/27/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	10/04/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	10/12/2004	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	10/12/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	10/18/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	10/25/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	11/01/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	11/08/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	11/15/2004	E314.0	{ND on all 1} analytes				3	54.6	64.6	6	12		
	4036000-04G-A	11/22/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	4036000-04G-A	11/29/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	12/06/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	12/13/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	12/20/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	12/28/2004	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	01/03/2005	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	01/10/2005	E314.0	{ND on all 1} analytes				3	54.6	64.6	6	12		
	4036000-04G-A	01/18/2005	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	01/27/2005	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	01/27/2005	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	01/31/2005	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	02/07/2005	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	02/14/2005	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	02/22/2005	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	02/28/2005	E314.0	{ND on all 1} analytes				3	54.6	64.6	6	12		
	4036000-04G-A	03/07/2005	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	03/14/2005	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	03/21/2005	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	03/30/2005	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	05/16/2005	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	05/16/2005	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	07/19/2005	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G-D	07/19/2005	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	07/19/2005	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-D	07/19/2005	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	10/18/2005	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	10/18/2005	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	01/19/2006	8330N	{ND on all 19} analytes				II	54.6	64.6	6	12		
	4036000-04G-A	01/19/2006	E314.0	{ND on all 1} analytes				II	54.6	64.6	6	12		
4036000-06G	4036000-06G	08/09/1999	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G	11/02/1999	8330N	{ND on all 18} analytes				II	108	128	6	12		
	4036000-06G	02/02/2000	8330N	{ND on all 18} analytes				II	108	128	6	12		
	4036000-06G	05/01/2000	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G	08/07/2000	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G	12/13/2000	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G	05/09/2001	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G	10/23/2001	8330N	{ND on all 19} analytes				3	108	128	6	12		
	4036000-06G	10/23/2001	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	01/30/2002	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G	01/30/2002	E314.0	{ND on all 1} analytes				3	108	128	6	12		
	4036000-06G	02/27/2002	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G	02/27/2002	E314.0	{ND on all 1} analytes				3	108	128	6	12		
	4036000-06G	03/13/2002	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G	03/13/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	03/20/2002	8330N	{ND on all 19} analytes				II	108	128	6	12		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	4036000-06G	03/20/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	03/20/2002	OC21V	CHLOROFORM	1		UG/L	II	108	128	6	12	80	
	4036000-06G	03/27/2002	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G	03/27/2002	E314.0	PERCHLORATE	0.45	J	UG/L	II	108	128	6	12		
	4036000-06G	03/27/2002	OC21V	CHLOROFORM	1		UG/L	II	108	128	6	12	80	
	4036000-06G	04/03/2002	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G	04/03/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	04/03/2002	OC21V	CHLOROFORM	1		UG/L	II	108	128	6	12	80	
	4036000-06G	04/10/2002	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06GD	04/10/2002	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G	04/10/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06GD	04/10/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	04/10/2002	OC21V	CHLOROFORM	1		UG/L	II	108	128	6	12	80	
	4036000-06GD	04/10/2002	OC21V	CHLOROFORM	1		UG/L	II	108	128	6	12	80	
	4036000-06G	04/17/2002	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G	04/17/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	04/17/2002	OC21V	CHLOROFORM	1		UG/L	II	108	128	6	12	80	
	4036000-06G	04/24/2002	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G	04/24/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	04/24/2002	OC21V	CHLOROFORM	1		UG/L	II	108	128	6	12	80	
	4036000-06G	05/01/2002	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G	05/01/2002	E314.0	{ND on all 1} analytes				3	108	128	6	12		
	4036000-06G	05/01/2002	OC21V	CHLOROFORM	1		UG/L	II	108	128	6	12	80	
	4036000-06G	05/08/2002	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06GD	05/08/2002	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G	05/08/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06GD	05/08/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	05/08/2002	OC21V	CHLOROFORM	1		UG/L	II	108	128	6	12	80	
	4036000-06GD	05/08/2002	OC21V	CHLOROFORM	1		UG/L	II	108	128	6	12	80	
	4036000-06G	05/15/2002	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06GD	05/15/2002	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G	05/15/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06GD	05/15/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	05/15/2002	OC21V	CHLOROFORM	1		UG/L	II	108	128	6	12	80	
	4036000-06GD	05/15/2002	OC21V	CHLOROFORM	1		UG/L	II	108	128	6	12	80	
	4036000-06G	05/22/2002	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G	05/22/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	05/22/2002	OC21V	CHLOROFORM	1		UG/L	II	108	128	6	12	80	
	4036000-06G	05/29/2002	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G	05/29/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	05/29/2002	OC21V	CHLOROFORM	1		UG/L	II	108	128	6	12	80	
	4036000-06G	05/29/2002	OC21V	CHLOROMETHANE	0.5	J	UG/L	II	108	128	6	12	30	
	4036000-06G	06/05/2002	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G	06/05/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	06/12/2002	8330N	{ND on all 19} analytes				II	108	128	6	12		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	4036000-06G	06/12/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	06/19/2002	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G	06/19/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	06/26/2002	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G	06/26/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	07/03/2002	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G	07/03/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	07/10/2002	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G	07/10/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	07/17/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06GD	07/17/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	07/24/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	07/31/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06GD	07/31/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	08/07/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	08/14/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	08/21/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	08/28/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	08/28/2002	E314.0	PERCHLORATE	0.36	J	UG/L	II	108	128	6	12		
	4036000-06G	09/04/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	09/11/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	09/11/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	09/18/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	09/24/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	10/01/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	10/08/2002	E314.0	{ND on all 1} analytes				3	108	128	6	12		
	4036000-06G	10/15/2002	E314.0	{ND on all 1} analytes				3	108	128	6	12		
	4036000-06GD	10/15/2002	E314.0	{ND on all 1} analytes				3	108	128	6	12		
	4036000-06G	10/22/2002	E314.0	{ND on all 1} analytes				3	108	128	6	12		
	4036000-06G	10/29/2002	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G	10/29/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	11/05/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	11/12/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	11/19/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G	11/26/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	12/04/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	12/10/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	12/17/2002	E314.0	{ND on all 1} analytes				3	108	128	6	12		
	4036000-06G-A	12/24/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	12/31/2002	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	01/07/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	01/14/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	01/21/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	01/28/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	02/04/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	4036000-06G-A	02/11/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	02/19/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	02/25/2003	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G-A	02/25/2003	E314.0	{ND on all 1} analytes				3	108	128	6	12		
	4036000-06G-A	03/04/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	03/11/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	03/18/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	03/25/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	04/01/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	04/08/2003	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G-A	04/08/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	04/15/2003	E314.0	{ND on all 1} analytes				3	108	128	6	12		
	4036000-06G-A	04/22/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	04/29/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	05/06/2003	E314.0	{ND on all 1} analytes				3	108	128	6	12		
	4036000-06G-A	05/13/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	05/20/2003	E314.0	{ND on all 1} analytes				3	108	128	6	12		
	4036000-06G-A	05/27/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	06/03/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	06/10/2003	E314.0	{ND on all 1} analytes				3	108	128	6	12		
	4036000-06G-A	06/17/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	06/24/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	07/01/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	07/07/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	07/14/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	07/21/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	07/28/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	08/04/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	08/11/2003	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G-A	08/11/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	08/18/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	08/25/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	09/02/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	09/08/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	09/15/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	09/22/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	09/29/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	10/06/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	10/14/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	10/20/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	10/27/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	11/03/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	11/10/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	11/17/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	11/24/2003	8330N	{ND on all 19} analytes				II	108	128	6	12		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	4036000-06G-A	11/24/2003	E314.0	{ND on all 1} analytes				3	108	128	6	12		
	4036000-06G-A	12/01/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	12/08/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	12/15/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	12/22/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	12/29/2003	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	01/05/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	01/12/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	01/20/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	01/26/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	02/02/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	02/10/2004	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G-A	02/10/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	02/17/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	02/23/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	03/01/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	03/08/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	03/15/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	03/22/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	03/29/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	04/05/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	04/12/2004	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G-A	04/12/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	04/20/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	04/26/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	05/03/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	05/10/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	05/17/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	05/24/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	06/01/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	06/07/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	06/14/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	06/21/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	06/28/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	07/06/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	07/12/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	07/19/2004	8330N	{ND on all 19} analytes				3	108	128	6	12		
	4036000-06G-A	07/19/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	07/26/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	08/02/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	08/09/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	08/16/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	08/23/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	08/30/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	09/07/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	4036000-06G-A	09/13/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	09/20/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	09/27/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	10/04/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	10/12/2004	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G-A	10/12/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	10/18/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	10/25/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	11/01/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	11/08/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	11/15/2004	E314.0	{ND on all 1} analytes				3	108	128	6	12		
	4036000-06G-A	11/22/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	11/29/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	12/06/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	12/13/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	12/20/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	12/28/2004	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	01/03/2005	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	01/10/2005	E314.0	{ND on all 1} analytes				3	108	128	6	12		
	4036000-06G-A	01/18/2005	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	01/27/2005	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G-A	01/27/2005	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	01/31/2005	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	02/07/2005	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	02/14/2005	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	02/22/2005	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	02/28/2005	E314.0	{ND on all 1} analytes				3	108	128	6	12		
	4036000-06G-D	02/28/2005	E314.0	{ND on all 1} analytes				3	108	128	6	12		
	4036000-06G-A	03/07/2005	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	03/14/2005	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	03/21/2005	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	03/30/2005	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	05/16/2005	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G-A	05/16/2005	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	07/19/2005	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G-A	07/19/2005	E314.0	{ND on all 1} analytes				II	108	128	6	12		
	4036000-06G-A	10/18/2005	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G-A	10/18/2005	E314.0	PERCHLORATE	0.46	J	UG/L	II	108	128	6	12		
	4036000-06G-A	01/19/2006	8330N	{ND on all 19} analytes				II	108	128	6	12		
	4036000-06G-A	01/19/2006	E314.0	{ND on all 1} analytes				II	108	128	6	12		
97-1	W9701A	11/19/1997	130.2	HARDNESS (AS CACO3)	15		MG/L	II	83	93	62	72		
	W9701D	11/19/1997	130.2	HARDNESS (AS CACO3)	8		MG/L	II	83	93	62	72		
	W9701L	11/19/1997	130.2	HARDNESS (AS CACO3)	11		MG/L	II	83	93	62	72		
	W971DL	11/19/1997	130.2	HARDNESS (AS CACO3)	15		MG/L	II	83	93	62	72		
	W9701A	11/19/1997	300.0	CHLORIDE (AS CL)	8.4		MG/L	II	83	93	62	72		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W9701A	11/19/1997	300.0	SULFATE (AS SO4)	4.6		MG/L	II	83	93	62	72		
	W9701D	11/19/1997	300.0	CHLORIDE (AS CL)	8.4		MG/L	II	83	93	62	72		
	W9701D	11/19/1997	300.0	SULFATE (AS SO4)	4.6		MG/L	II	83	93	62	72		
	W9701A	11/19/1997	310.1	ALKALINITY, BICARBONATE (AS C	8		MG/L	II	83	93	62	72		
	W9701A	11/19/1997	310.1	ALKALINITY, TOTAL (AS CACO3)	8		MG/L	II	83	93	62	72		
	W9701D	11/19/1997	310.1	ALKALINITY, BICARBONATE (AS C	8		MG/L	II	83	93	62	72		
	W9701D	11/19/1997	310.1	ALKALINITY, TOTAL (AS CACO3)	8		MG/L	II	83	93	62	72		
	W9701A	11/19/1997	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.04	J	MG/L	II	83	93	62	72		
	W9701D	11/19/1997	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.04	J	MG/L	II	83	93	62	72		
	W9701A	11/19/1997	504	{ND on all 1} analytes				II	83	93	62	72		
	W9701D	11/19/1997	504	{ND on all 1} analytes				II	83	93	62	72		
	W9701A	11/19/1997	8151	{ND on all 13} analytes				II	83	93	62	72		
	W9701D	11/19/1997	8151	{ND on all 13} analytes				II	83	93	62	72		
	W9701A	11/19/1997	350.2M	{ND on all 1} analytes				II	83	93	62	72		
	W9701D	11/19/1997	350.2M	{ND on all 1} analytes				II	83	93	62	72		
	W9701A	11/19/1997	353.2M	NITRATE/NITRITE (AS N)	0.28		MG/L	II	83	93	62	72	10	
	W9701D	11/19/1997	353.2M	NITRATE/NITRITE (AS N)	0.28		MG/L	II	83	93	62	72	10	
	W9701A	11/19/1997	8021W	{ND on all 1} analytes				II	83	93	62	72		
	W9701D	11/19/1997	8021W	{ND on all 1} analytes				II	83	93	62	72		
	W9701A	11/19/1997	8330N	{ND on all 19} analytes				II	83	93	62	72		
	W9701D	11/19/1997	8330N	{ND on all 19} analytes				II	83	93	62	72		
	W9701A	11/19/1997	CYAN	{ND on all 1} analytes				II	83	93	62	72		
	W9701D	11/19/1997	CYAN	{ND on all 1} analytes				II	83	93	62	72		
	W9701A	11/19/1997	IM40	ALUMINUM	92.9		UG/L	II	83	93	62	72		
	W9701A	11/19/1997	IM40	CALCIUM	2180		UG/L	II	83	93	62	72		
	W9701A	11/19/1997	IM40	CHROMIUM, TOTAL	1.4	J	UG/L	II	83	93	62	72	100	
	W9701A	11/19/1997	IM40	IRON	96.1	J	UG/L	II	83	93	62	72		
	W9701A	11/19/1997	IM40	MAGNESIUM	1080		UG/L	II	83	93	62	72		
	W9701A	11/19/1997	IM40	MANGANESE	3.8	J	UG/L	II	83	93	62	72		
	W9701A	11/19/1997	IM40	POTASSIUM	620	J	UG/L	II	83	93	62	72		
	W9701A	11/19/1997	IM40	SODIUM	7550		UG/L	II	83	93	62	72	20000	
	W9701D	11/19/1997	IM40	CALCIUM	2240		UG/L	II	83	93	62	72		
	W9701D	11/19/1997	IM40	CHROMIUM, TOTAL	1.5	J	UG/L	II	83	93	62	72	100	
	W9701D	11/19/1997	IM40	IRON	46.3	J	UG/L	II	83	93	62	72		
	W9701D	11/19/1997	IM40	MAGNESIUM	1050		UG/L	II	83	93	62	72		
	W9701D	11/19/1997	IM40	MANGANESE	3	J	UG/L	II	83	93	62	72		
	W9701D	11/19/1997	IM40	POTASSIUM	504	J	UG/L	II	83	93	62	72		
	W9701D	11/19/1997	IM40	SODIUM	7330		UG/L	II	83	93	62	72	20000	
	W9701D	11/19/1997	IM40	ZINC	38.7	J	UG/L	II	83	93	62	72	2000	
	W9701L	11/19/1997	IM40	CALCIUM	2260		UG/L	II	83	93	62	72		
	W9701L	11/19/1997	IM40	CHROMIUM, TOTAL	2.6	J	UG/L	II	83	93	62	72	100	
	W9701L	11/19/1997	IM40	MAGNESIUM	1110		UG/L	II	83	93	62	72		
	W9701L	11/19/1997	IM40	MANGANESE	0.86	J	UG/L	II	83	93	62	72		
	W9701L	11/19/1997	IM40	POTASSIUM	411	J	UG/L	II	83	93	62	72		
	W9701L	11/19/1997	IM40	SODIUM	7660		UG/L	II	83	93	62	72	20000	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W971DL	11/19/1997	IM40	CALCIUM	2200		UG/L	II	83	93	62	72		
	W971DL	11/19/1997	IM40	MAGNESIUM	1080		UG/L	II	83	93	62	72		
	W971DL	11/19/1997	IM40	MANGANESE	0.68	J	UG/L	II	83	93	62	72		
	W971DL	11/19/1997	IM40	POTASSIUM	321	J	UG/L	II	83	93	62	72		
	W971DL	11/19/1997	IM40	SODIUM	7330		UG/L	II	83	93	62	72	20000	
	W9701A	11/19/1997	IM40HD	{ND on all 1} analytes				II	83	93	62	72		
	W9701D	11/19/1997	IM40HD	{ND on all 1} analytes				II	83	93	62	72		
	W9701L	11/19/1997	IM40HD	{ND on all 1} analytes				II	83	93	62	72		
	W971DL	11/19/1997	IM40HD	{ND on all 1} analytes				II	83	93	62	72		
	W9701A	11/19/1997	IM40HG	{ND on all 1} analytes				II	83	93	62	72		
	W9701D	11/19/1997	IM40HG	{ND on all 1} analytes				II	83	93	62	72		
	W9701L	11/19/1997	IM40HG	{ND on all 1} analytes				II	83	93	62	72		
	W971DL	11/19/1997	IM40HG	{ND on all 1} analytes				II	83	93	62	72		
	W9701A	11/19/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	54	J	UG/L	II	83	93	62	72	6	X
	W9701D	11/19/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	28	J	UG/L	II	83	93	62	72	6	X
	W9701A	11/19/1997	OC21V	{ND on all 39} analytes				II	83	93	62	72		
	W9701D	11/19/1997	OC21V	{ND on all 39} analytes				II	83	93	62	72		
	W9701A	11/19/1997	OL21P	{ND on all 28} analytes				II	83	93	62	72		
	W9701D	11/19/1997	OL21P	{ND on all 28} analytes				II	83	93	62	72		
	W9701A	11/19/1997	TOC	TOTAL ORGANIC CARBON	0.7	J	MG/L	II	83	93	62	72		
	W9701D	11/19/1997	TOC	{ND on all 1} analytes				II	83	93	62	72		
	W9701A	01/08/1999	300.0	CHLORIDE (AS CL)	8.8		MG/L	II	83	93	62	72		
	W9701A	01/08/1999	300.0	SULFATE (AS SO4)	4.8		MG/L	II	83	93	62	72		
	W9701A	01/08/1999	310.1	ALKALINITY, BICARBONATE (AS C	8		MG/L	II	83	93	62	72		
	W9701A	01/08/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	8		MG/L	II	83	93	62	72		
	W9701A	01/08/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.03	J	MG/L	II	83	93	62	72		
	W9701A	01/08/1999	504	{ND on all 1} analytes				II	83	93	62	72		
	W9701A	01/08/1999	8151	CHLORAMBEN	0.34	J	UG/L	II	83	93	62	72	100	
	W9701A	01/08/1999	350.2M	NITROGEN, AMMONIA (AS N)	0.02	J	MG/L	II	83	93	62	72	30	
	W9701A	01/08/1999	353.2M	NITRATE/NITRITE (AS N)	0.29		MG/L	II	83	93	62	72	10	
	W9701A	01/08/1999	8021W	{ND on all 1} analytes				II	83	93	62	72		
	W9701A	01/08/1999	8330N	{ND on all 19} analytes				II	83	93	62	72		
	W9701A	01/08/1999	CYAN	{ND on all 1} analytes				II	83	93	62	72		
	W9701A	01/08/1999	IM40HD	{ND on all 1} analytes				II	83	93	62	72		
	W9701L	01/08/1999	IM40HD	{ND on all 1} analytes				II	83	93	62	72		
	W9701A	01/08/1999	IM40HG	{ND on all 1} analytes				II	83	93	62	72		
	W9701L	01/08/1999	IM40HG	{ND on all 1} analytes				II	83	93	62	72		
	W9701A	01/08/1999	IM40MB	CALCIUM	2180		UG/L	II	83	93	62	72		
	W9701A	01/08/1999	IM40MB	MAGNESIUM	1100		UG/L	II	83	93	62	72		
	W9701A	01/08/1999	IM40MB	MANGANESE	0.42	J	UG/L	II	83	93	62	72		
	W9701A	01/08/1999	IM40MB	SODIUM	7520		UG/L	II	83	93	62	72	20000	
	W9701L	01/08/1999	IM40MB	ARSENIC	3	J	UG/L	II	83	93	62	72	10	
	W9701L	01/08/1999	IM40MB	CALCIUM	2330		UG/L	II	83	93	62	72		
	W9701L	01/08/1999	IM40MB	MAGNESIUM	1210		UG/L	II	83	93	62	72		
	W9701L	01/08/1999	IM40MB	MANGANESE	0.47	J	UG/L	II	83	93	62	72		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W9701L	01/08/1999	IM40MB	MOLYBDENUM	2.7	J	UG/L	II	83	93	62	72	40	
	W9701L	01/08/1999	IM40MB	SODIUM	7750		UG/L	II	83	93	62	72	20000	
	W9701A	01/08/1999	OC21B	{ND on all 64} analytes				II	83	93	62	72		
	W9701A	01/08/1999	OC21V	CHLOROFORM	0.7	J	UG/L	II	83	93	62	72	80	
	W9701A	01/08/1999	OL21P	{ND on all 28} analytes				II	83	93	62	72		
	W9701A	01/08/1999	TOC	{ND on all 1} analytes				II	83	93	62	72		
	W9701A	09/23/1999	300.0	CHLORIDE (AS CL)	8.3		MG/L	II	83	93	62	72		
	W9701A	09/23/1999	300.0	SULFATE (AS SO4)	4.8		MG/L	II	83	93	62	72		
	W9701A	09/23/1999	310.1	ALKALINITY, BICARBONATE (AS C	7		MG/L	II	83	93	62	72		
	W9701A	09/23/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	7		MG/L	II	83	93	62	72		
	W9701A	09/23/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.03		MG/L	II	83	93	62	72		
	W9701A	09/23/1999	504	{ND on all 1} analytes				II	83	93	62	72		
	W9701A	09/23/1999	8151	{ND on all 18} analytes				II	83	93	62	72		
	W9701A	09/23/1999	350.2M	NITROGEN, AMMONIA (AS N)	0.04	J	MG/L	II	83	93	62	72	30	
	W9701A	09/23/1999	353.2M	NITRATE/NITRITE (AS N)	0.19		MG/L	II	83	93	62	72	10	
	W9701A	09/23/1999	8021W	{ND on all 1} analytes				II	83	93	62	72		
	W9701A	09/23/1999	8330N	{ND on all 19} analytes				II	83	93	62	72		
	W9701A	09/23/1999	CYAN	{ND on all 1} analytes				II	83	93	62	72		
	W9701A	09/23/1999	IM40HD	{ND on all 1} analytes				II	83	93	62	72		
	W9701A	09/23/1999	IM40HG	MERCURY	0.15	J	UG/L	II	83	93	62	72	2	
	W9701A	09/23/1999	IM40MB	CALCIUM	2000		UG/L	II	83	93	62	72		
	W9701A	09/23/1999	IM40MB	MAGNESIUM	989		UG/L	II	83	93	62	72		
	W9701A	09/23/1999	IM40MB	NICKEL	2.1	J	UG/L	II	83	93	62	72	100	
	W9701A	09/23/1999	IM40MB	POTASSIUM	601		UG/L	II	83	93	62	72		
	W9701A	09/23/1999	IM40MB	SODIUM	7140		UG/L	II	83	93	62	72	20000	
	W9701A	09/23/1999	OC21B	{ND on all 64} analytes				II	83	93	62	72		
	W9701A	09/23/1999	OC21V	CHLOROFORM	0.8	J	UG/L	II	83	93	62	72	80	
	W9701A	09/23/1999	OL21P	{ND on all 28} analytes				II	83	93	62	72		
	W9701A	09/23/1999	TOC	{ND on all 1} analytes				II	83	93	62	72		
	97-1	06/13/2000	8151	{ND on all 18} analytes				II	83	93	62	72		
	97-1	09/12/2000	8151	ACIFLUORFEN	0.15	J	UG/L	II	83	93	62	72	100	
	97-1	09/12/2000	8151	CHLORAMBEN	0.13	J	UG/L	II	83	93	62	72	100	
	97-1	12/15/2000	8151	{ND on all 14} analytes				II	83	93	62	72		
	97-1	05/20/2001	8151	{ND on all 17} analytes				II	83	93	62	72		
	97-1	09/20/2001	8151	{ND on all 18} analytes				II	83	93	62	72		
	97-1	10/23/2001	E314.0	{ND on all 1} analytes				II	83	93	62	72		
	97-1	12/08/2001	8151	{ND on all 18} analytes				II	83	93	62	72		
	97-1	02/11/2002	E314.0	PERCHLORATE	0.45	J	UG/L	II	83	93	62	72		
	97-1	02/12/2002	8330N	{ND on all 19} analytes				II	83	93	62	72		
	97-1	02/26/2002	8330N	{ND on all 19} analytes				II	83	93	62	72		
	97-1	02/26/2002	E314.0	{ND on all 1} analytes				3	83	93	62	72		
	97-1	03/12/2002	8330N	{ND on all 19} analytes				II	83	93	62	72		
	97-1	03/12/2002	E314.0	{ND on all 1} analytes				II	83	93	62	72		
	97-1	03/26/2002	8330N	{ND on all 19} analytes				II	83	93	62	72		
	97-1	03/26/2002	E314.0	{ND on all 1} analytes				II	83	93	62	72		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	97-1	03/28/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	83	93	62	72	80	
	97-1	05/02/2002	8330N	{ND on all 19} analytes				II	83	93	62	72		
	97-1	05/02/2002	E314.0	{ND on all 1} analytes				II	83	93	62	72		
	97-1	05/02/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	83	93	62	72	80	
	97-1	06/08/2002	8151	{ND on all 17} analytes				II	83	93	62	72		
	97-1	06/08/2002	8330N	{ND on all 19} analytes				II	83	93	62	72		
	97-1	06/08/2002	E314.0	{ND on all 1} analytes				II	83	93	62	72		
	97-1	06/08/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	83	93	62	72	80	
	97-1	07/05/2002	8151	{ND on all 17} analytes				II	83	93	62	72		
	97-1	07/05/2002	8330N	{ND on all 19} analytes				II	83	93	62	72		
	97-1	07/05/2002	E314.0	{ND on all 1} analytes				II	83	93	62	72		
	97-1	08/03/2002	E314.0	{ND on all 1} analytes				II	83	93	62	72		
	XXM971-A	09/09/2002	E314.0	{ND on all 1} analytes				II	83	93	62	72		
	XXM971-A	10/09/2002	E314.0	{ND on all 1} analytes				II	83	93	62	72		
	XXM971-A	11/14/2002	8330N	{ND on all 19} analytes				II	83	93	62	72		
	XXM971-D	11/14/2002	8330N	{ND on all 19} analytes				II	83	93	62	72		
	XXM971-A	11/14/2002	E314.0	{ND on all 1} analytes				II	83	93	62	72		
	XXM971-D	11/14/2002	E314.0	{ND on all 1} analytes				II	83	93	62	72		
	XXM971-A	12/20/2002	E314.0	{ND on all 1} analytes				II	83	93	62	72		
	XXM971-A	01/24/2003	E314.0	{ND on all 1} analytes				II	83	93	62	72		
	XXM971-A	02/22/2003	8330N	{ND on all 19} analytes				II	83	93	62	72		
	XXM971-D	02/22/2003	8330N	{ND on all 19} analytes				II	83	93	62	72		
	XXM971-A	02/22/2003	E314.0	{ND on all 1} analytes				II	83	93	62	72		
	XXM971-D	02/22/2003	E314.0	{ND on all 1} analytes				II	83	93	62	72		
	XXM971-A	03/21/2003	E314.0	{ND on all 1} analytes				II	83	93	62	72		
	XXM971-A	04/15/2003	E314.0	{ND on all 1} analytes				II	83	93	62	72		
	XXM971-A	05/28/2003	E314.0	{ND on all 1} analytes				II	83	93	62	72		
	XXM971-A	06/16/2003	8330N	{ND on all 19} analytes				II	83	93	62	72		
	XXM971-A	06/24/2003	E314.0	{ND on all 1} analytes				II	83	93	62	72		
	XXM971-A	07/29/2003	E314.0	{ND on all 1} analytes				3	83	93	62	72		
	XXM971-A	08/21/2003	8330N	{ND on all 19} analytes				II	83	93	62	72		
	XXM971-A	08/21/2003	E314.0	{ND on all 1} analytes				II	83	93	62	72		
	XXM971-A	10/04/2003	E314.0	{ND on all 1} analytes				II	83	93	62	72		
	XXM971-A	10/31/2003	E314.0	{ND on all 1} analytes				II	83	93	62	72		
	XXM971-A	11/15/2003	E314.0	{ND on all 1} analytes				II	83	93	62	72		
	XXM971-A	12/18/2003	8151	{ND on all 18} analytes				II	83	93	62	72		
	XXM971-A	12/18/2003	8330N	{ND on all 19} analytes				II	83	93	62	72		
	XXM971-A	12/18/2003	E314.0	{ND on all 1} analytes				II	83	93	62	72		
	XXM971-A	01/29/2004	E314.0	{ND on all 1} analytes				II	83	93	62	72		
	XXM971-D	01/29/2004	E314.0	{ND on all 1} analytes				II	83	93	62	72		
	XXM971-A	02/24/2004	8330N	{ND on all 19} analytes				II	83	93	62	72		
	XXM971-A	02/24/2004	E314.0	{ND on all 1} analytes				3	83	93	62	72		
	XXM971-A	03/24/2004	E314.0	{ND on all 1} analytes				II	83	93	62	72		
	XXM971-A	04/29/2004	8330N	{ND on all 19} analytes				II	83	93	62	72		
	XXM971-A	04/29/2004	E314.0	{ND on all 1} analytes				II	83	93	62	72		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	XXM971-A	07/16/2004	8330N	{ND on all 19} analytes				3	83	93	62	72		
	XXM971-A	07/16/2004	E314.0	{ND on all 1} analytes				II	83	93	62	72		
	XXM971-A	10/11/2004	8330N	{ND on all 19} analytes				II	83	93	62	72		
	XXM971-A	10/11/2004	E314.0	{ND on all 1} analytes				II	83	93	62	72		
	XXM971-A	03/03/2005	8330N	{ND on all 19} analytes				II	83	93	62	72		
	XXM971-A	03/03/2005	E314.0	{ND on all 1} analytes				II	83	93	62	72		
	XXM971-A	05/17/2005	8330N	{ND on all 19} analytes				II	83	93	62	72		
	XXM971-A	05/17/2005	E314.0	{ND on all 1} analytes				II	83	93	62	72		
	XXM971-A	07/18/2005	8330N	{ND on all 19} analytes				II	83	93	62	72		
	XXM971-A	07/18/2005	E314.0	{ND on all 1} analytes				II	83	93	62	72		
	XXM971-A	10/24/2005	8330N	{ND on all 19} analytes				II	83	93	62	72		
	XXM971-A	10/24/2005	E314.0	{ND on all 1} analytes				II	83	93	62	72		
97-2	W9702A	11/20/1997	130.2	HARDNESS (AS CACO3)	10		MG/L	II	75	85	53	63		
	W9702L	11/20/1997	130.2	HARDNESS (AS CACO3)	10		MG/L	II	75	85	53	63		
	W9702A	11/20/1997	300.0	CHLORIDE (AS CL)	7.2		MG/L	II	75	85	53	63		
	W9702A	11/20/1997	300.0	SULFATE (AS SO4)	4.6		MG/L	II	75	85	53	63		
	W9702A	11/20/1997	310.1	ALKALINITY, BICARBONATE (AS C	7		MG/L	II	75	85	53	63		
	W9702A	11/20/1997	310.1	ALKALINITY, TOTAL (AS CACO3)	7		MG/L	II	75	85	53	63		
	W9702A	11/20/1997	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.04	J	MG/L	II	75	85	53	63		
	W9702A	11/20/1997	504	{ND on all 1} analytes				II	75	85	53	63		
	W9702A	11/20/1997	8151	{ND on all 13} analytes				II	75	85	53	63		
	W9702A	11/20/1997	350.2M	{ND on all 1} analytes				II	75	85	53	63		
	W9702A	11/20/1997	353.2M	NITRATE/NITRITE (AS N)	0.04		MG/L	II	75	85	53	63	10	
	W9702A	11/20/1997	8021W	{ND on all 1} analytes				II	75	85	53	63		
	W9702A	11/20/1997	8330N	{ND on all 19} analytes				II	75	85	53	63		
	W9702A	11/20/1997	CYAN	{ND on all 1} analytes				II	75	85	53	63		
	W9702A	11/20/1997	IM40	CALCIUM	2070		UG/L	II	75	85	53	63		
	W9702A	11/20/1997	IM40	MAGNESIUM	965		UG/L	II	75	85	53	63		
	W9702A	11/20/1997	IM40	MANGANESE	1.6	J	UG/L	II	75	85	53	63		
	W9702A	11/20/1997	IM40	POTASSIUM	372	J	UG/L	II	75	85	53	63		
	W9702A	11/20/1997	IM40	SODIUM	6380		UG/L	II	75	85	53	63	20000	
	W9702L	11/20/1997	IM40	CALCIUM	2080		UG/L	II	75	85	53	63		
	W9702L	11/20/1997	IM40	IRON	108		UG/L	II	75	85	53	63		
	W9702L	11/20/1997	IM40	MAGNESIUM	993		UG/L	II	75	85	53	63		
	W9702L	11/20/1997	IM40	MANGANESE	23.1		UG/L	II	75	85	53	63		
	W9702L	11/20/1997	IM40	POTASSIUM	455	J	UG/L	II	75	85	53	63		
	W9702L	11/20/1997	IM40	SODIUM	6440		UG/L	II	75	85	53	63	20000	
	W9702A	11/20/1997	IM40HD	{ND on all 1} analytes				II	75	85	53	63		
	W9702L	11/20/1997	IM40HD	{ND on all 1} analytes				II	75	85	53	63		
	W9702A	11/20/1997	IM40HG	{ND on all 1} analytes				II	75	85	53	63		
	W9702L	11/20/1997	IM40HG	{ND on all 1} analytes				II	75	85	53	63		
	W9702A	11/20/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	7		UG/L	II	75	85	53	63	6	X
	W9702A	11/20/1997	OC21V	{ND on all 39} analytes				II	75	85	53	63		
	W9702A	11/20/1997	OL21P	{ND on all 28} analytes				II	75	85	53	63		
	W9702A	11/20/1997	TOC	{ND on all 1} analytes				II	75	85	53	63		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W9702A	01/11/1999	300.0	CHLORIDE (AS CL)	7.2		MG/L	II	75	85	53	63		
	W9702A	01/11/1999	300.0	SULFATE (AS SO4)	4.9		MG/L	II	75	85	53	63		
	W9702A	01/11/1999	310.1	ALKALINITY, BICARBONATE (AS C	7		MG/L	II	75	85	53	63		
	W9702A	01/11/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	7		MG/L	II	75	85	53	63		
	W9702A	01/11/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.03		MG/L	II	75	85	53	63		
	W9702A	01/11/1999	504	{ND on all 1} analytes				II	75	85	53	63		
	W9702A	01/11/1999	350.2M	{ND on all 1} analytes				II	75	85	53	63		
	W9702A	01/11/1999	353.2M	NITRATE/NITRITE (AS N)	0.05		MG/L	II	75	85	53	63	10	
	W9702A	01/11/1999	8021W	{ND on all 1} analytes				II	75	85	53	63		
	W9702A	01/11/1999	8330N	{ND on all 19} analytes				II	75	85	53	63		
	W9702A	01/11/1999	CYAN	{ND on all 1} analytes				II	75	85	53	63		
	W9702A	01/11/1999	IM40HD	{ND on all 1} analytes				II	75	85	53	63		
	W9702L	01/11/1999	IM40HD	{ND on all 1} analytes				II	75	85	53	63		
	W9702A	01/11/1999	IM40HG	{ND on all 1} analytes				II	75	85	53	63		
	W9702L	01/11/1999	IM40HG	{ND on all 1} analytes				II	75	85	53	63		
	W9702A	01/11/1999	IM40MB	CALCIUM	1940		UG/L	II	75	85	53	63		
	W9702A	01/11/1999	IM40MB	MAGNESIUM	944		UG/L	II	75	85	53	63		
	W9702A	01/11/1999	IM40MB	SODIUM	6010		UG/L	II	75	85	53	63	20000	
	W9702A	01/11/1999	IM40MB	ZINC	1.1	J	UG/L	II	75	85	53	63	2000	
	W9702L	01/11/1999	IM40MB	ARSENIC	4.4	J	UG/L	II	75	85	53	63	10	
	W9702L	01/11/1999	IM40MB	CALCIUM	1980		UG/L	II	75	85	53	63		
	W9702L	01/11/1999	IM40MB	MAGNESIUM	951		UG/L	II	75	85	53	63		
	W9702L	01/11/1999	IM40MB	SODIUM	6310		UG/L	II	75	85	53	63	20000	
	W9702L	01/11/1999	IM40MB	ZINC	3.5	J	UG/L	II	75	85	53	63	2000	
	W9702A	01/11/1999	OC21B	{ND on all 64} analytes				II	75	85	53	63		
	W9702A	01/11/1999	OC21V	CHLOROFORM	0.6	J	UG/L	II	75	85	53	63	80	
	W9702A	01/11/1999	OL21P	{ND on all 28} analytes				II	75	85	53	63		
	W9702A	01/11/1999	TOC	{ND on all 1} analytes				II	75	85	53	63		
	W9702A	09/24/1999	300.0	CHLORIDE (AS CL)	8		MG/L	II	75	85	53	63		
	W9702A	09/24/1999	300.0	SULFATE (AS SO4)	4.8		MG/L	II	75	85	53	63		
	W9702A	09/24/1999	310.1	ALKALINITY, BICARBONATE (AS C	6		MG/L	II	75	85	53	63		
	W9702A	09/24/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	6		MG/L	II	75	85	53	63		
	W9702A	09/24/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.04		MG/L	II	75	85	53	63		
	W9702A	09/24/1999	504	{ND on all 1} analytes				II	75	85	53	63		
	W9702A	09/24/1999	8151	{ND on all 18} analytes				II	75	85	53	63		
	W9702A	09/24/1999	350.2M	{ND on all 1} analytes				II	75	85	53	63		
	W9702A	09/24/1999	353.2M	NITRATE/NITRITE (AS N)	0.05	J	MG/L	II	75	85	53	63	10	
	W9702A	09/24/1999	8021W	{ND on all 1} analytes				II	75	85	53	63		
	W9702A	09/24/1999	8330N	{ND on all 19} analytes				II	75	85	53	63		
	W9702A	09/24/1999	CYAN	{ND on all 1} analytes				II	75	85	53	63		
	W9702A	09/24/1999	IM40HD	{ND on all 1} analytes				II	75	85	53	63		
	W9702A	09/24/1999	IM40HG	{ND on all 1} analytes				II	75	85	53	63		
	W9702A	09/24/1999	IM40MB	CALCIUM	1920		UG/L	II	75	85	53	63		
	W9702A	09/24/1999	IM40MB	MAGNESIUM	917		UG/L	II	75	85	53	63		
	W9702A	09/24/1999	IM40MB	MOLYBDENUM	2	J	UG/L	II	75	85	53	63	40	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W9702A	09/24/1999	IM40MB	POTASSIUM	590		UG/L	II	75	85	53	63		
	W9702A	09/24/1999	IM40MB	SODIUM	5540		UG/L	II	75	85	53	63	20000	
	W9702A	09/24/1999	OC21B	{ND on all 64} analytes				II	75	85	53	63		
	W9702A	09/24/1999	OC21V	CHLOROFORM	0.7	J	UG/L	II	75	85	53	63	80	
	W9702A	09/24/1999	OL21P	{ND on all 28} analytes				II	75	85	53	63		
	W9702A	09/24/1999	TOC	{ND on all 1} analytes				II	75	85	53	63		
	97-2	10/22/2001	E314.0	{ND on all 1} analytes				II	75	85	53	63		
	97-2	02/12/2002	8330N	{ND on all 19} analytes				II	75	85	53	63		
	97-2	02/12/2002	E314.0	PERCHLORATE	0.5	J	UG/L	II	75	85	53	63		
	97-2	02/27/2002	8330N	{ND on all 19} analytes				II	75	85	53	63		
	97-2	02/27/2002	E314.0	{ND on all 1} analytes				3	75	85	53	63		
	97-2	03/12/2002	8330N	{ND on all 19} analytes				II	75	85	53	63		
	97-2	03/12/2002	E314.0	{ND on all 1} analytes				II	75	85	53	63		
	97-2	03/26/2002	8330N	{ND on all 19} analytes				II	75	85	53	63		
	97-2	03/26/2002	E314.0	PERCHLORATE	0.74	J	UG/L	II	75	85	53	63		
	97-2	03/28/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	75	85	53	63	80	
	97-2	05/03/2002	8330N	{ND on all 19} analytes				II	75	85	53	63		
	97-2	05/03/2002	E314.0	{ND on all 1} analytes				II	75	85	53	63		
	97-2	05/03/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	75	85	53	63	80	
	97-2	06/08/2002	8330N	{ND on all 19} analytes				II	75	85	53	63		
	97-2	06/08/2002	E314.0	PERCHLORATE	0.58	J	UG/L	II	75	85	53	63		
	97-2	06/08/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	75	85	53	63	80	
	97-2	07/05/2002	8330N	{ND on all 19} analytes				II	75	85	53	63		
	97-2	07/05/2002	E314.0	{ND on all 1} analytes				II	75	85	53	63		
	97-2	08/03/2002	E314.0	PERCHLORATE	0.55	J	UG/L	II	75	85	53	63		
	XXM972-A	09/09/2002	E314.0	PERCHLORATE	0.36	J	UG/L	II	75	85	53	63		
	XXM972-A	10/09/2002	E314.0	PERCHLORATE	0.39	J	UG/L	II	75	85	53	63		
	XXM972-A	11/13/2002	8330N	{ND on all 19} analytes				II	75	85	53	63		
	XXM972-A	11/13/2002	E314.0	{ND on all 1} analytes				II	75	85	53	63		
	XXM972-A	12/20/2002	E314.0	{ND on all 1} analytes				II	75	85	53	63		
	XXM972-A	01/25/2003	E314.0	{ND on all 1} analytes				II	75	85	53	63		
	XXM972-A	02/24/2003	8330N	{ND on all 19} analytes				II	75	85	53	63		
	XXM972-A	02/24/2003	E314.0	{ND on all 1} analytes				3	75	85	53	63		
	XXM972-A	03/21/2003	E314.0	{ND on all 1} analytes				II	75	85	53	63		
	XXM972-A	04/16/2003	E314.0	{ND on all 1} analytes				II	75	85	53	63		
	XXM972-A	05/27/2003	E314.0	PERCHLORATE	0.45	J	UG/L	II	75	85	53	63		
	XXM972-A	06/17/2003	8330N	{ND on all 19} analytes				II	75	85	53	63		
	XXM972-A	06/24/2003	E314.0	PERCHLORATE	0.62	J	UG/L	II	75	85	53	63		
	XXM972-A	07/29/2003	E314.0	PERCHLORATE	0.44	J	UG/L	3	75	85	53	63		
	XXM972-A	08/21/2003	8330N	{ND on all 19} analytes				II	75	85	53	63		
	XXM972-A	08/21/2003	E314.0	PERCHLORATE	0.42	J	UG/L	II	75	85	53	63		
	XXM972-A	10/04/2003	E314.0	{ND on all 1} analytes				II	75	85	53	63		
	XXM972-A	10/29/2003	E314.0	{ND on all 1} analytes				II	75	85	53	63		
	XXM972-A	11/16/2003	E314.0	{ND on all 1} analytes				II	75	85	53	63		
	XXM972-A	12/18/2003	8330N	{ND on all 19} analytes				II	75	85	53	63		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	XXM972-A	12/18/2003	E314.0	{ND on all 1} analytes				II	75	85	53	63		
	XXM972-A	01/29/2004	E314.0	PERCHLORATE	0.36	J	UG/L	II	75	85	53	63		
	XXM972-A	02/24/2004	8330N	{ND on all 19} analytes				II	75	85	53	63		
	XXM972-A	02/24/2004	E314.0	{ND on all 1} analytes				3	75	85	53	63		
	XXM972-A	03/24/2004	E314.0	{ND on all 1} analytes				II	75	85	53	63		
	XXM972-D	03/24/2004	E314.0	{ND on all 1} analytes				II	75	85	53	63		
	XXM972-A	04/29/2004	8330N	{ND on all 19} analytes				II	75	85	53	63		
	XXM972-A	04/30/2004	E314.0	{ND on all 1} analytes				II	75	85	53	63		
	XXM972-A	07/19/2004	8330N	{ND on all 19} analytes				3	75	85	53	63		
	XXM972-A	07/19/2004	E314.0	PERCHLORATE	0.42	J	UG/L	II	75	85	53	63		
	XXM972-A	10/11/2004	8330N	{ND on all 19} analytes				II	75	85	53	63		
	XXM972-D	10/11/2004	8330N	{ND on all 19} analytes				II	75	85	53	63		
	XXM972-A	10/11/2004	E314.0	{ND on all 1} analytes				II	75	85	53	63		
	XXM972-D	10/11/2004	E314.0	{ND on all 1} analytes				II	75	85	53	63		
	XXM972-A	03/11/2005	8330N	{ND on all 19} analytes				II	75	85	53	63		
	XXM972-A	03/11/2005	E314.0	{ND on all 1} analytes				II	75	85	53	63		
	XXM972-A	05/17/2005	8330N	{ND on all 19} analytes				II	75	85	53	63		
	XXM972-A	05/17/2005	E314.0	{ND on all 1} analytes				II	75	85	53	63		
	XXM972-A	07/19/2005	8330N	{ND on all 19} analytes				II	75	85	53	63		
	XXM972-A	07/19/2005	E314.0	{ND on all 1} analytes				II	75	85	53	63		
	XXM972-A	10/24/2005	8330N	{ND on all 19} analytes				II	75	85	53	63		
	XXM972-A	10/24/2005	E314.0	{ND on all 1} analytes				II	75	85	53	63		
97-2B	97-2BA	04/01/2002	8330N	{ND on all 19} analytes				II	121.7	121.7	75.4	75.4		
	97-2BA	04/01/2002	E314.0	{ND on all 1} analytes				II	121.7	121.7	75.4	75.4		
	97-2BA	04/01/2002	OC21V	CHLOROFORM	1		UG/L	II	121.7	121.7	75.4	75.4	80	
	97-2BA	04/17/2002	8330N	{ND on all 19} analytes				II	121.7	121.7	75.4	75.4		
	97-2BA	04/17/2002	E314.0	{ND on all 1} analytes				II	121.7	121.7	75.4	75.4		
	97-2BA	04/17/2002	OC21V	CHLOROFORM	1		UG/L	II	121.7	121.7	75.4	75.4	80	
	97-2BA	04/30/2002	8330N	{ND on all 19} analytes				II	121.7	121.7	75.4	75.4		
	97-2BA	04/30/2002	E314.0	{ND on all 1} analytes				II	121.7	121.7	75.4	75.4		
	97-2BA	04/30/2002	OC21V	CHLOROFORM	1		UG/L	II	121.7	121.7	75.4	75.4	80	
	97-2BA	05/08/2002	8330N	{ND on all 19} analytes				II	121.7	121.7	75.4	75.4		
	97-2BA	05/08/2002	E314.0	{ND on all 1} analytes				II	121.7	121.7	75.4	75.4		
	97-2BA	05/08/2002	OC21V	CHLOROFORM	1		UG/L	II	121.7	121.7	75.4	75.4	80	
	97-2BA	06/13/2002	8330N	{ND on all 19} analytes				II	121.7	121.7	75.4	75.4		
	97-2BA	06/13/2002	E314.0	{ND on all 1} analytes				II	121.7	121.7	75.4	75.4		
	97-2BA	06/13/2002	OC21V	CHLOROFORM	1		UG/L	II	121.7	121.7	75.4	75.4	80	
	97-2BA	06/19/2002	8330N	{ND on all 19} analytes				II	121.7	121.7	75.4	75.4		
	97-2BA	06/19/2002	E314.0	{ND on all 1} analytes				II	121.7	121.7	75.4	75.4		
	97-2BA	06/19/2002	OC21V	CHLOROFORM	1		UG/L	II	121.7	121.7	75.4	75.4	80	
	97-2BA	07/22/2002	E314.0	{ND on all 1} analytes				3	121.7	121.7	75.4	75.4		
	97-2B-A	08/17/2002	E314.0	{ND on all 1} analytes				3	121.7	121.7	75.4	75.4		
	97-2B-A	09/14/2002	E314.0	{ND on all 1} analytes				II	121.7	121.7	75.4	75.4		
	97-2B-D	09/14/2002	E314.0	{ND on all 1} analytes				II	121.7	121.7	75.4	75.4		
	97-2B-A	10/11/2002	E314.0	{ND on all 1} analytes				II	121.7	121.7	75.4	75.4		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	97-2B-A	12/12/2002	E314.0	{ND on all 1} analytes				II	121.7	121.7	75.4	75.4		
	97-2B-D	12/12/2002	E314.0	{ND on all 1} analytes				II	121.7	121.7	75.4	75.4		
	97-2B-A	01/20/2003	E314.0	{ND on all 1} analytes				II	121.7	121.7	75.4	75.4		
	97-2B-A	02/20/2003	E314.0	{ND on all 1} analytes				II	121.7	121.7	75.4	75.4		
	97-2B-A	06/09/2003	E314.0	{ND on all 1} analytes				II	121.7	121.7	75.4	75.4		
	97-2B-A	10/02/2003	E314.0	{ND on all 1} analytes				II	121.7	121.7	75.4	75.4		
	97-2B-A	03/09/2004	E314.0	{ND on all 1} analytes				II	121.7	121.7	75.4	75.4		
	97-2B-A	04/07/2004	E314.0	{ND on all 1} analytes				II	121.7	121.7	75.4	75.4		
	97-2B-A	08/10/2004	E314.0	{ND on all 1} analytes				II	121.7	121.7	75.4	75.4		
	97-2B-A	03/22/2005	E314.0	{ND on all 1} analytes				II	121.7	121.7	75.4	75.4		
	97-2B-A	05/27/2005	E314.0	PERCHLORATE	0.35	J	UG/L	II	121.7	121.7	75.4	75.4		
	97-2B-A	09/20/2005	E314.0	{ND on all 1} analytes				II	121.7	121.7	75.4	75.4		
	97-2B-A	02/21/2006	E314.0	{ND on all 1} analytes				II	121.7	121.7	75.4	75.4		
97-2C	97-2CA	04/02/2002	8330N	{ND on all 19} analytes				3	132	132	68	68		
	97-2CA	04/02/2002	E314.0	PERCHLORATE	0.36	J	UG/L	II	132	132	68	68		
	97-2CA	04/02/2002	OC21V	CHLOROFORM	0.6	J	UG/L	3	132	132	68	68	80	
	97-2CA	04/18/2002	8330N	{ND on all 19} analytes				II	132	132	68	68		
	97-2CA	04/18/2002	E314.0	{ND on all 1} analytes				II	132	132	68	68		
	97-2CA	04/18/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	132	132	68	68	80	
	97-2CA	04/30/2002	8330N	{ND on all 19} analytes				II	132	132	68	68		
	97-2CA	04/30/2002	E314.0	PERCHLORATE	0.43	J	UG/L	II	132	132	68	68		
	97-2CA	04/30/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	132	132	68	68	80	
	97-2CA	05/08/2002	8330N	{ND on all 19} analytes				II	132	132	68	68		
	97-2CD	05/08/2002	8330N	{ND on all 19} analytes				II	132	132	68	68		
	97-2CA	05/08/2002	E314.0	{ND on all 1} analytes				II	132	132	68	68		
	97-2CD	05/08/2002	E314.0	{ND on all 1} analytes				II	132	132	68	68		
	97-2CA	05/08/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	132	132	68	68	80	
	97-2CD	05/08/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	132	132	68	68	80	
	97-2CA	06/11/2002	8330N	{ND on all 19} analytes				II	132	132	68	68		
	97-2CD	06/11/2002	8330N	{ND on all 19} analytes				II	132	132	68	68		
	97-2CA	06/11/2002	E314.0	{ND on all 1} analytes				II	132	132	68	68		
	97-2CD	06/11/2002	E314.0	PERCHLORATE	0.73	J	UG/L	II	132	132	68	68		
	97-2CA	06/11/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	132	132	68	68	80	
	97-2CD	06/11/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	132	132	68	68	80	
	97-2CD	06/11/2002	OC21V	CHLOROMETHANE	0.3	J	UG/L	II	132	132	68	68	30	
	97-2CA	06/19/2002	8330N	{ND on all 19} analytes				II	132	132	68	68		
	97-2CA	06/19/2002	E314.0	{ND on all 1} analytes				II	132	132	68	68		
	97-2CA	06/19/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	132	132	68	68	80	
	97-2CA	07/22/2002	E314.0	{ND on all 1} analytes				3	132	132	68	68		
	97-2C-A	08/17/2002	E314.0	{ND on all 1} analytes				3	132	132	68	68		
	97-2C-A	09/14/2002	E314.0	{ND on all 1} analytes				II	132	132	68	68		
	97-2C-A	10/11/2002	E314.0	{ND on all 1} analytes				II	132	132	68	68		
	97-2C-A	12/10/2002	E314.0	{ND on all 1} analytes				II	132	132	68	68		
	97-2C-A	01/20/2003	E314.0	{ND on all 1} analytes				II	132	132	68	68		
	97-2C-A	02/24/2003	E314.0	{ND on all 1} analytes				II	132	132	68	68		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	97-2C-A	04/03/2003	E314.0	{ND on all 1} analytes				II	132	132	68	68		
	97-2C-A	05/29/2003	E314.0	{ND on all 1} analytes				3	132	132	68	68		
	97-2C-A	06/20/2003	E314.0	{ND on all 1} analytes				II	132	132	68	68		
	97-2C-A	07/23/2003	E314.0	{ND on all 1} analytes				II	132	132	68	68		
	97-2C-A	08/18/2003	E314.0	PERCHLORATE	0.48	J	UG/L	II	132	132	68	68		
	97-2C-A	09/29/2003	E314.0	PERCHLORATE	0.42	J	UG/L	II	132	132	68	68		
	97-2C-A	10/24/2003	E314.0	PERCHLORATE	0.47	J	UG/L	II	132	132	68	68		
	97-2C-A	11/15/2003	E314.0	PERCHLORATE	0.49	J	UG/L	II	132	132	68	68		
	97-2C-A	12/13/2003	E314.0	PERCHLORATE	0.52	J	UG/L	II	132	132	68	68		
	97-2C-A	01/21/2004	E314.0	PERCHLORATE	0.37	J	UG/L	II	132	132	68	68		
	97-2C-A	02/21/2004	E314.0	{ND on all 1} analytes				II	132	132	68	68		
	97-2C-A	03/23/2004	E314.0	{ND on all 1} analytes				II	132	132	68	68		
	97-2C-A	04/20/2004	E314.0	PERCHLORATE	0.37	J	UG/L	II	132	132	68	68		
	97-2C-A	05/12/2004	E314.0	{ND on all 1} analytes				II	132	132	68	68		
	97-2C-A	06/10/2004	E314.0	PERCHLORATE	0.36	J	UG/L	II	132	132	68	68		
	97-2C-A	07/16/2004	E314.0	{ND on all 1} analytes				II	132	132	68	68		
	97-2C-A	08/17/2004	E314.0	{ND on all 1} analytes				II	132	132	68	68		
	97-2C-A	09/27/2004	E314.0	{ND on all 1} analytes				II	132	132	68	68		
	97-2C-A	10/15/2004	E314.0	PERCHLORATE	0.73	J	UG/L	II	132	132	68	68		
	97-2C-A	11/11/2004	E314.0	{ND on all 1} analytes				II	132	132	68	68		
	97-2C-A	01/03/2005	E314.0	PERCHLORATE	0.57	J	UG/L	II	132	132	68	68		
	97-2C-A	02/24/2005	E314.0	{ND on all 1} analytes				3	132	132	68	68		
	97-2C-A	03/21/2005	E314.0	{ND on all 1} analytes				II	132	132	68	68		
97-2D	97-2DA	03/29/2002	8330N	{ND on all 19} analytes				II	115.4	115.4	82.9	82.9		
	97-2DA	03/29/2002	E314.0	{ND on all 1} analytes				II	115.4	115.4	82.9	82.9		
	97-2DA	03/29/2002	OC21V	CHLOROFORM	2		UG/L	II	115.4	115.4	82.9	82.9	80	
	97-2DA	04/30/2002	8330N	{ND on all 19} analytes				II	115.4	115.4	82.9	82.9		
	97-2DA	04/30/2002	E314.0	{ND on all 1} analytes				3	115.4	115.4	82.9	82.9		
	97-2DA	04/30/2002	OC21V	CHLOROFORM	2		UG/L	II	115.4	115.4	82.9	82.9	80	
	97-2DA	05/08/2002	8330N	{ND on all 19} analytes				II	115.4	115.4	82.9	82.9		
	97-2DA	05/08/2002	E314.0	{ND on all 1} analytes				II	115.4	115.4	82.9	82.9		
	97-2DA	05/08/2002	OC21V	CHLOROFORM	1		UG/L	II	115.4	115.4	82.9	82.9	80	
	97-2DA	06/13/2002	8330N	{ND on all 19} analytes				II	115.4	115.4	82.9	82.9		
	97-2DA	06/13/2002	E314.0	{ND on all 1} analytes				II	115.4	115.4	82.9	82.9		
	97-2DA	06/13/2002	OC21V	CHLOROFORM	1		UG/L	II	115.4	115.4	82.9	82.9	80	
	97-2DA	07/22/2002	E314.0	{ND on all 1} analytes				3	115.4	115.4	82.9	82.9		
	97-2D-A	08/17/2002	E314.0	{ND on all 1} analytes				3	115.4	115.4	82.9	82.9		
	97-2D-A	09/14/2002	E314.0	{ND on all 1} analytes				II	115.4	115.4	82.9	82.9		
	97-2D-A	10/11/2002	E314.0	{ND on all 1} analytes				3	115.4	115.4	82.9	82.9		
	97-2D-A	12/11/2002	E314.0	{ND on all 1} analytes				II	115.4	115.4	82.9	82.9		
	97-2D-A	01/20/2003	E314.0	{ND on all 1} analytes				II	115.4	115.4	82.9	82.9		
	97-2D-A	02/27/2003	E314.0	{ND on all 1} analytes				II	115.4	115.4	82.9	82.9		
	97-2D-A	04/07/2003	E314.0	{ND on all 1} analytes				II	115.4	115.4	82.9	82.9		
	97-2D-A	05/29/2003	E314.0	{ND on all 1} analytes				3	115.4	115.4	82.9	82.9		
	97-2D-A	06/20/2003	E314.0	{ND on all 1} analytes				3	115.4	115.4	82.9	82.9		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	97-2D-A	07/23/2003	E314.0	{ND on all 1} analytes				II	115.4	115.4	82.9	82.9		
	97-2D-A	08/18/2003	E314.0	{ND on all 1} analytes				II	115.4	115.4	82.9	82.9		
	97-2D-D	08/18/2003	E314.0	{ND on all 1} analytes				II	115.4	115.4	82.9	82.9		
	97-2D-A	09/19/2003	E314.0	{ND on all 1} analytes				3	115.4	115.4	82.9	82.9		
	97-2D-A	10/24/2003	E314.0	{ND on all 1} analytes				II	115.4	115.4	82.9	82.9		
	97-2D-A	11/15/2003	E314.0	{ND on all 1} analytes				II	115.4	115.4	82.9	82.9		
	97-2D-A	12/13/2003	E314.0	{ND on all 1} analytes				II	115.4	115.4	82.9	82.9		
	97-2D-A	01/21/2004	E314.0	{ND on all 1} analytes				II	115.4	115.4	82.9	82.9		
	97-2D-A	02/25/2004	E314.0	{ND on all 1} analytes				3	115.4	115.4	82.9	82.9		
	97-2D-A	03/23/2004	E314.0	{ND on all 1} analytes				II	115.4	115.4	82.9	82.9		
	97-2D-A	04/20/2004	E314.0	{ND on all 1} analytes				II	115.4	115.4	82.9	82.9		
	97-2D-A	05/12/2004	E314.0	{ND on all 1} analytes				II	115.4	115.4	82.9	82.9		
	97-2D-A	06/10/2004	E314.0	{ND on all 1} analytes				II	115.4	115.4	82.9	82.9		
	97-2D-A	07/16/2004	E314.0	{ND on all 1} analytes				II	115.4	115.4	82.9	82.9		
	97-2D-A	08/17/2004	E314.0	{ND on all 1} analytes				II	115.4	115.4	82.9	82.9		
	97-2D-A	09/17/2004	E314.0	{ND on all 1} analytes				II	115.4	115.4	82.9	82.9		
	97-2D-A	10/18/2004	E314.0	{ND on all 1} analytes				II	115.4	115.4	82.9	82.9		
	97-2D-A	11/11/2004	E314.0	{ND on all 1} analytes				II	115.4	115.4	82.9	82.9		
	97-2D-A	01/04/2005	E314.0	{ND on all 1} analytes				II	115.4	115.4	82.9	82.9		
	97-2D-A	02/24/2005	E314.0	{ND on all 1} analytes				3	115.4	115.4	82.9	82.9		
	97-2D-A	03/21/2005	E314.0	{ND on all 1} analytes				II	115.4	115.4	82.9	82.9		
97-2E	97-2EA	03/02/2002	8330N	{ND on all 19} analytes				II	94.5	94.5	49.8	49.8		
	97-2EA	03/02/2002	E314.0	{ND on all 1} analytes				II	94.5	94.5	49.8	49.8		
	97-2EA	03/29/2002	8330N	{ND on all 19} analytes				II	94.5	94.5	49.8	49.8		
	97-2EA	03/29/2002	E314.0	{ND on all 1} analytes				II	94.5	94.5	49.8	49.8		
	97-2EA	03/29/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	94.5	94.5	49.8	49.8	80	
	97-2EA	04/30/2002	8330N	{ND on all 19} analytes				II	94.5	94.5	49.8	49.8		
	97-2EA	04/30/2002	E314.0	{ND on all 1} analytes				3	94.5	94.5	49.8	49.8		
	97-2EA	04/30/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	94.5	94.5	49.8	49.8	80	
	97-2EA	05/08/2002	8330N	{ND on all 19} analytes				II	94.5	94.5	49.8	49.8		
	97-2EA	05/08/2002	E314.0	{ND on all 1} analytes				II	94.5	94.5	49.8	49.8		
	97-2EA	05/08/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	94.5	94.5	49.8	49.8	80	
	97-2EA	06/13/2002	8330N	{ND on all 19} analytes				II	94.5	94.5	49.8	49.8		
	97-2EA	06/13/2002	E314.0	{ND on all 1} analytes				II	94.5	94.5	49.8	49.8		
	97-2EA	06/13/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	94.5	94.5	49.8	49.8	80	
	97-2EA	07/22/2002	E314.0	{ND on all 1} analytes				3	94.5	94.5	49.8	49.8		
	97-2ED	07/22/2002	E314.0	{ND on all 1} analytes				3	94.5	94.5	49.8	49.8		
	97-2E-A	08/17/2002	E314.0	{ND on all 1} analytes				3	94.5	94.5	49.8	49.8		
	97-2E-A	09/14/2002	E314.0	{ND on all 1} analytes				II	94.5	94.5	49.8	49.8		
	97-2E-A	10/14/2002	E314.0	{ND on all 1} analytes				3	94.5	94.5	49.8	49.8		
	97-2E-A	12/12/2002	E314.0	{ND on all 1} analytes				II	94.5	94.5	49.8	49.8		
	97-2E-A	01/27/2003	E314.0	{ND on all 1} analytes				II	94.5	94.5	49.8	49.8		
	97-2E-D	01/27/2003	E314.0	{ND on all 1} analytes				II	94.5	94.5	49.8	49.8		
	97-2E-A	03/03/2003	E314.0	{ND on all 1} analytes				II	94.5	94.5	49.8	49.8		
	97-2E-D	03/03/2003	E314.0	{ND on all 1} analytes				II	94.5	94.5	49.8	49.8		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	97-2E-A	06/09/2003	E314.0	{ND on all 1} analytes				II	94.5	94.5	49.8	49.8		
	97-2E-A	10/01/2003	E314.0	PERCHLORATE	0.36	J	UG/L	II	94.5	94.5	49.8	49.8		
	97-2E-A	03/10/2004	E314.0	{ND on all 1} analytes				II	94.5	94.5	49.8	49.8		
	97-2E-A	04/06/2004	E314.0	{ND on all 1} analytes				II	94.5	94.5	49.8	49.8		
	97-2E-A	08/10/2004	E314.0	{ND on all 1} analytes				II	94.5	94.5	49.8	49.8		
	97-2E-A	02/28/2005	E314.0	{ND on all 1} analytes				II	94.5	94.5	49.8	49.8		
	97-2E-A	05/27/2005	E314.0	{ND on all 1} analytes				II	94.5	94.5	49.8	49.8		
	97-2E-A	11/11/2005	E314.0	{ND on all 1} analytes				II	94.5	94.5	49.8	49.8		
	97-2E-A	02/20/2006	E314.0	{ND on all 1} analytes				*	94.5	94.5	49.8	49.8		
	97-2FA	04/01/2002	8330N	{ND on all 19} analytes				II	120	120	76.7	76.7		
	97-2FA	04/01/2002	E314.0	{ND on all 1} analytes				II	120	120	76.7	76.7		
	97-2FA	04/01/2002	OC21V	CHLOROFORM	1		UG/L	II	120	120	76.7	76.7	80	
	97-2FA	04/30/2002	8330N	{ND on all 19} analytes				II	120	120	76.7	76.7		
	97-2FA	04/30/2002	E314.0	{ND on all 1} analytes				II	120	120	76.7	76.7		
	97-2FA	04/30/2002	OC21V	CHLOROFORM	1		UG/L	II	120	120	76.7	76.7	80	
	97-2FA	04/30/2002	OC21V	CHLOROMETHANE	0.6	J	UG/L	II	120	120	76.7	76.7	30	
	97-2FA	05/08/2002	8330N	{ND on all 19} analytes				II	120	120	76.7	76.7		
	97-2FA	05/08/2002	E314.0	{ND on all 1} analytes				3	120	120	76.7	76.7		
	97-2FA	05/08/2002	OC21V	CHLOROFORM	1		UG/L	II	120	120	76.7	76.7	80	
	97-2FA	06/13/2002	8330N	{ND on all 19} analytes				II	120	120	76.7	76.7		
	97-2FA	06/13/2002	E314.0	{ND on all 1} analytes				II	120	120	76.7	76.7		
	97-2FA	06/13/2002	OC21V	CHLOROFORM	2		UG/L	II	120	120	76.7	76.7	80	
	97-2FA	07/22/2002	E314.0	{ND on all 1} analytes				II	120	120	76.7	76.7		
	97-2F-A	08/17/2002	E314.0	{ND on all 1} analytes				3	120	120	76.7	76.7		
	97-2F-A	09/14/2002	E314.0	{ND on all 1} analytes				II	120	120	76.7	76.7		
	97-2F-A	10/11/2002	E314.0	{ND on all 1} analytes				3	120	120	76.7	76.7		
	97-2F-A	12/11/2002	E314.0	{ND on all 1} analytes				II	120	120	76.7	76.7		
	97-2F-A	01/25/2003	E314.0	{ND on all 1} analytes				II	120	120	76.7	76.7		
	97-2F-A	02/27/2003	E314.0	{ND on all 1} analytes				II	120	120	76.7	76.7		
	97-2F-A	04/04/2003	E314.0	{ND on all 1} analytes				II	120	120	76.7	76.7		
	97-2F-A	05/29/2003	E314.0	{ND on all 1} analytes				3	120	120	76.7	76.7		
	97-2F-A	06/20/2003	E314.0	{ND on all 1} analytes				3	120	120	76.7	76.7		
	97-2F-A	07/23/2003	E314.0	{ND on all 1} analytes				II	120	120	76.7	76.7		
	97-2F-A	08/15/2003	E314.0	{ND on all 1} analytes				II	120	120	76.7	76.7		
	97-2F-A	09/29/2003	E314.0	{ND on all 1} analytes				II	120	120	76.7	76.7		
	97-2F-A	10/24/2003	E314.0	{ND on all 1} analytes				II	120	120	76.7	76.7		
	97-2F-A	11/15/2003	E314.0	{ND on all 1} analytes				II	120	120	76.7	76.7		
	97-2F-A	12/16/2003	E314.0	{ND on all 1} analytes				II	120	120	76.7	76.7		
	97-2F-D	12/16/2003	E314.0	{ND on all 1} analytes				II	120	120	76.7	76.7		
	97-2F-A	01/21/2004	E314.0	{ND on all 1} analytes				II	120	120	76.7	76.7		
	97-2F-A	02/21/2004	E314.0	{ND on all 1} analytes				II	120	120	76.7	76.7		
	97-2F-A	03/23/2004	E314.0	{ND on all 1} analytes				II	120	120	76.7	76.7		
	97-2F-A	04/20/2004	E314.0	{ND on all 1} analytes				II	120	120	76.7	76.7		
	97-2F-D	04/20/2004	E314.0	{ND on all 1} analytes				II	120	120	76.7	76.7		
	97-2F-A	05/12/2004	E314.0	{ND on all 1} analytes				II	120	120	76.7	76.7		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	97-2F-A	06/11/2004	E314.0	{ND on all 1} analytes				II	120	120	76.7	76.7		
	97-2F-A	07/16/2004	E314.0	{ND on all 1} analytes				II	120	120	76.7	76.7		
	97-2F-A	08/17/2004	E314.0	{ND on all 1} analytes				II	120	120	76.7	76.7		
	97-2F-A	09/17/2004	E314.0	{ND on all 1} analytes				II	120	120	76.7	76.7		
	97-2F-A	10/15/2004	E314.0	{ND on all 1} analytes				II	120	120	76.7	76.7		
	97-2F-A	11/11/2004	E314.0	{ND on all 1} analytes				II	120	120	76.7	76.7		
	97-2F-A	01/04/2005	E314.0	{ND on all 1} analytes				II	120	120	76.7	76.7		
	97-2F-A	02/28/2005	E314.0	{ND on all 1} analytes				3	120	120	76.7	76.7		
	97-2F-A	03/21/2005	E314.0	{ND on all 1} analytes				II	120	120	76.7	76.7		
97-2G	97-2GA	04/01/2002	8330N	{ND on all 19} analytes				II	126.8	126.8	73.7	73.7		
	97-2GA	04/01/2002	E314.0	{ND on all 1} analytes				II	126.8	126.8	73.7	73.7		
	97-2GA	04/01/2002	OC21V	CHLOROFORM	1		UG/L	II	126.8	126.8	73.7	73.7	80	
	97-2GA	04/30/2002	8330N	{ND on all 19} analytes				II	126.8	126.8	73.7	73.7		
	97-2GA	04/30/2002	E314.0	{ND on all 1} analytes				3	126.8	126.8	73.7	73.7		
	97-2GA	04/30/2002	OC21V	CHLOROFORM	1		UG/L	II	126.8	126.8	73.7	73.7	80	
	97-2GA	05/08/2002	8330N	{ND on all 19} analytes				II	126.8	126.8	73.7	73.7		
	97-2GA	05/08/2002	E314.0	{ND on all 1} analytes				II	126.8	126.8	73.7	73.7		
	97-2GA	05/08/2002	OC21V	CHLOROFORM	1		UG/L	II	126.8	126.8	73.7	73.7	80	
	97-2GA	06/11/2002	8330N	{ND on all 19} analytes				II	126.8	126.8	73.7	73.7		
	97-2GA	06/11/2002	E314.0	PERCHLORATE	0.67	J	UG/L	II	126.8	126.8	73.7	73.7		
	97-2GA	06/11/2002	OC21V	CHLOROFORM	1		UG/L	II	126.8	126.8	73.7	73.7	80	
	97-2GA	07/22/2002	E314.0	{ND on all 1} analytes				3	126.8	126.8	73.7	73.7		
	97-2G-A	08/17/2002	E314.0	{ND on all 1} analytes				3	126.8	126.8	73.7	73.7		
	97-2G-A	09/14/2002	E314.0	{ND on all 1} analytes				II	126.8	126.8	73.7	73.7		
	97-2G-A	10/11/2002	E314.0	{ND on all 1} analytes				3	126.8	126.8	73.7	73.7		
	97-2G-D	10/11/2002	E314.0	{ND on all 1} analytes				3	126.8	126.8	73.7	73.7		
	97-2G-A	12/11/2002	E314.0	{ND on all 1} analytes				II	126.8	126.8	73.7	73.7		
	97-2G-A	01/25/2003	E314.0	{ND on all 1} analytes				II	126.8	126.8	73.7	73.7		
	97-2G-A	02/19/2003	E314.0	{ND on all 1} analytes				II	126.8	126.8	73.7	73.7		
	97-2G-A	06/10/2003	E314.0	{ND on all 1} analytes				II	126.8	126.8	73.7	73.7		
	97-2G-A	10/01/2003	E314.0	{ND on all 1} analytes				II	126.8	126.8	73.7	73.7		
	97-2G-A	03/09/2004	E314.0	{ND on all 1} analytes				II	126.8	126.8	73.7	73.7		
	97-2G-A	04/06/2004	E314.0	{ND on all 1} analytes				II	126.8	126.8	73.7	73.7		
	97-2G-D	04/06/2004	E314.0	{ND on all 1} analytes				II	126.8	126.8	73.7	73.7		
	97-2G-A	08/10/2004	E314.0	{ND on all 1} analytes				II	126.8	126.8	73.7	73.7		
	97-2G-A	03/03/2005	E314.0	{ND on all 1} analytes				II	126.8	126.8	73.7	73.7		
	97-2G-A	05/27/2005	E314.0	{ND on all 1} analytes				II	126.8	126.8	73.7	73.7		
	97-2G-A	09/20/2005	E314.0	{ND on all 1} analytes				II	126.8	126.8	73.7	73.7		
	97-2G-A	02/13/2006	E314.0	{ND on all 1} analytes				*	126.8	126.8	73.7	73.7		
97-3	W9703A	11/21/1997	130.2	HARDNESS (AS CACO3)	13		MG/L	II	75	85	36	46		
	W9703L	11/21/1997	130.2	HARDNESS (AS CACO3)	12		MG/L	II	75	85	36	46		
	W9703A	11/21/1997	300.0	CHLORIDE (AS CL)	16.5		MG/L	II	75	85	36	46		
	W9703A	11/21/1997	300.0	SULFATE (AS SO4)	4.8		MG/L	II	75	85	36	46		
	W9703A	11/21/1997	310.1	ALKALINITY, BICARBONATE (AS C	10		MG/L	II	75	85	36	46		
	W9703A	11/21/1997	310.1	ALKALINITY, TOTAL (AS CACO3)	10		MG/L	II	75	85	36	46		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W9703A	11/21/1997	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.03	J	MG/L	II	75	85	36	46		
	W9703A	11/21/1997	504	{ND on all 1} analytes				II	75	85	36	46		
	W9703A	11/21/1997	8151	{ND on all 13} analytes				II	75	85	36	46		
	W9703A	11/21/1997	350.2M	{ND on all 1} analytes				II	75	85	36	46		
	W9703A	11/21/1997	353.2M	NITRATE/NITRITE (AS N)	0.44		MG/L	II	75	85	36	46	10	
	W9703A	11/21/1997	8021W	{ND on all 1} analytes				II	75	85	36	46		
	W9703A	11/21/1997	8330N	{ND on all 19} analytes				II	75	85	36	46		
	W9703A	11/21/1997	CYAN	{ND on all 1} analytes				II	75	85	36	46		
	W9703A	11/21/1997	IM40	CALCIUM	2430		UG/L	II	75	85	36	46		
	W9703A	11/21/1997	IM40	MAGNESIUM	1470		UG/L	II	75	85	36	46		
	W9703A	11/21/1997	IM40	MANGANESE	1.9		UG/L	II	75	85	36	46		
	W9703A	11/21/1997	IM40	POTASSIUM	865		UG/L	II	75	85	36	46		
	W9703A	11/21/1997	IM40	SODIUM	11900		UG/L	II	75	85	36	46	20000	
	W9703A	11/21/1997	IM40	ZINC	12.1	J	UG/L	II	75	85	36	46	2000	
	W9703L	11/21/1997	IM40	ALUMINUM	1370		UG/L	II	75	85	36	46		
	W9703L	11/21/1997	IM40	BARIUM	5.6	J	UG/L	II	75	85	36	46	2000	
	W9703L	11/21/1997	IM40	BERYLLIUM	0.11	J	UG/L	II	75	85	36	46	4	
	W9703L	11/21/1997	IM40	CALCIUM	2310		UG/L	II	75	85	36	46		
	W9703L	11/21/1997	IM40	CHROMIUM, TOTAL	2.3		UG/L	II	75	85	36	46	100	
	W9703L	11/21/1997	IM40	COPPER	2.5	J	UG/L	II	75	85	36	46	1300	
	W9703L	11/21/1997	IM40	IRON	1740		UG/L	II	75	85	36	46		
	W9703L	11/21/1997	IM40	MAGNESIUM	1730		UG/L	II	75	85	36	46		
	W9703L	11/21/1997	IM40	MANGANESE	19.4		UG/L	II	75	85	36	46		
	W9703L	11/21/1997	IM40	POTASSIUM	984		UG/L	II	75	85	36	46		
	W9703L	11/21/1997	IM40	SODIUM	11300		UG/L	II	75	85	36	46	20000	
	W9703L	11/21/1997	IM40	VANADIUM	2.4	J	UG/L	II	75	85	36	46		
	W9703L	11/21/1997	IM40	ZINC	13.5	J	UG/L	II	75	85	36	46	2000	
	W9703A	11/21/1997	IM40HD	{ND on all 1} analytes				II	75	85	36	46		
	W9703L	11/21/1997	IM40HD	{ND on all 1} analytes				II	75	85	36	46		
	W9703A	11/21/1997	IM40HG	{ND on all 1} analytes				II	75	85	36	46		
	W9703L	11/21/1997	IM40HG	{ND on all 1} analytes				II	75	85	36	46		
	W9703A	11/21/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	73	J	UG/L	II	75	85	36	46	6	X
	W9703A	11/21/1997	OC21V	{ND on all 39} analytes				II	75	85	36	46		
	W9703A	11/21/1997	OL21P	{ND on all 28} analytes				II	75	85	36	46		
	W9703A	11/21/1997	TOC	{ND on all 1} analytes				II	75	85	36	46		
	WPH01A	05/29/1998	OC21B	{ND on all 64} analytes				II	75	85	36	46		
	W9703A	01/12/1999	300.0	CHLORIDE (AS CL)	10.6		MG/L	II	75	85	36	46		
	W9703A	01/12/1999	300.0	SULFATE (AS SO4)	6		MG/L	II	75	85	36	46		
	W9703A	01/12/1999	310.1	ALKALINITY, BICARBONATE (AS C	8	J	MG/L	II	75	85	36	46		
	W9703A	01/12/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	8	J	MG/L	II	75	85	36	46		
	W9703A	01/12/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.04	J	MG/L	II	75	85	36	46		
	W9703A	01/12/1999	504	{ND on all 1} analytes				II	75	85	36	46		
	W9703A	01/12/1999	8151	{ND on all 17} analytes				II	75	85	36	46		
	W9703A	01/12/1999	350.2M	{ND on all 1} analytes				II	75	85	36	46		
	W9703A	01/12/1999	353.2M	NITRATE/NITRITE (AS N)	0.28		MG/L	II	75	85	36	46	10	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W9703A	01/12/1999	8021W	{ND on all 1} analytes				II	75	85	36	46		
	W9703A	01/12/1999	8330N	{ND on all 19} analytes				II	75	85	36	46		
	W9703A	01/12/1999	CYAN	{ND on all 1} analytes				II	75	85	36	46		
	W9703A	01/12/1999	IM40HD	{ND on all 1} analytes				II	75	85	36	46		
	W9703L	01/12/1999	IM40HD	{ND on all 1} analytes				II	75	85	36	46		
	W9703A	01/12/1999	IM40HG	{ND on all 1} analytes				II	75	85	36	46		
	W9703L	01/12/1999	IM40HG	{ND on all 1} analytes				II	75	85	36	46		
	W9703A	01/12/1999	IM40MB	CADMIUM	0.28	J	UG/L	II	75	85	36	46	5	
	W9703A	01/12/1999	IM40MB	CALCIUM	1790		UG/L	II	75	85	36	46		
	W9703A	01/12/1999	IM40MB	CHROMIUM, TOTAL	1.5	J	UG/L	II	75	85	36	46	100	
	W9703A	01/12/1999	IM40MB	IRON	108	J	UG/L	II	75	85	36	46		
	W9703A	01/12/1999	IM40MB	MAGNESIUM	1100		UG/L	II	75	85	36	46		
	W9703A	01/12/1999	IM40MB	MANGANESE	5		UG/L	II	75	85	36	46		
	W9703A	01/12/1999	IM40MB	MOLYBDENUM	1.8	J	UG/L	II	75	85	36	46	40	
	W9703A	01/12/1999	IM40MB	SILVER	1.6	J	UG/L	II	75	85	36	46	100	
	W9703A	01/12/1999	IM40MB	SODIUM	9430		UG/L	II	75	85	36	46	20000	
	W9703L	01/12/1999	IM40MB	ARSENIC	3.4	J	UG/L	II	75	85	36	46	10	
	W9703L	01/12/1999	IM40MB	CALCIUM	2070		UG/L	II	75	85	36	46		
	W9703L	01/12/1999	IM40MB	MAGNESIUM	1100		UG/L	II	75	85	36	46		
	W9703L	01/12/1999	IM40MB	SODIUM	9780		UG/L	II	75	85	36	46	20000	
	W9703L	01/12/1999	IM40MB	ZINC	1.9	J	UG/L	II	75	85	36	46	2000	
	W9703A	01/12/1999	OC21B	{ND on all 64} analytes				II	75	85	36	46		
	W9703A	01/12/1999	OC21V	CHLOROFORM	1		UG/L	II	75	85	36	46	80	
	W9703A	01/12/1999	OC21V	TRICHLOROETHYLENE (TCE)	0.7	J	UG/L	II	75	85	36	46	5	
	W9703A	01/12/1999	TOC	{ND on all 1} analytes				II	75	85	36	46		
	W9703A	02/10/1999	OL21P	{ND on all 28} analytes				3	75	85	36	46		
	W9703A	09/24/1999	300.0	CHLORIDE (AS CL)	15.4		MG/L	II	75	85	36	46		
	W9703A	09/24/1999	300.0	SULFATE (AS SO4)	5.3		MG/L	II	75	85	36	46		
	W9703A	09/24/1999	310.1	ALKALINITY, BICARBONATE (AS C	9		MG/L	II	75	85	36	46		
	W9703A	09/24/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	9		MG/L	II	75	85	36	46		
	W9703A	09/24/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.03		MG/L	II	75	85	36	46		
	W9703A	09/24/1999	504	{ND on all 1} analytes				II	75	85	36	46		
	W9703A	09/24/1999	8151	{ND on all 18} analytes				II	75	85	36	46		
	W9703A	09/24/1999	350.2M	{ND on all 1} analytes				II	75	85	36	46		
	W9703A	09/24/1999	353.2M	NITRATE/NITRITE (AS N)	0.32		MG/L	II	75	85	36	46	10	
	W9703A	09/24/1999	8021W	{ND on all 1} analytes				II	75	85	36	46		
	W9703A	09/24/1999	8330N	{ND on all 19} analytes				II	75	85	36	46		
	W9703A	09/24/1999	CYAN	{ND on all 1} analytes				II	75	85	36	46		
	W9703A	09/24/1999	IM40HD	{ND on all 1} analytes				II	75	85	36	46		
	W9703A	09/24/1999	IM40HG	{ND on all 1} analytes				II	75	85	36	46		
	W9703A	09/24/1999	IM40MB	CALCIUM	2610		UG/L	II	75	85	36	46		
	W9703A	09/24/1999	IM40MB	MAGNESIUM	1560		UG/L	II	75	85	36	46		
	W9703A	09/24/1999	IM40MB	POTASSIUM	820		UG/L	II	75	85	36	46		
	W9703A	09/24/1999	IM40MB	SILVER	1.6	J	UG/L	II	75	85	36	46	100	
	W9703A	09/24/1999	IM40MB	SODIUM	9830		UG/L	II	75	85	36	46	20000	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W9703A	09/24/1999	OC21B	{ND on all 64} analytes				II	75	85	36	46		
	W9703A	09/24/1999	OC21V	CHLOROFORM	1		UG/L	II	75	85	36	46	80	
	W9703A	09/24/1999	OL21P	{ND on all 28} analytes				II	75	85	36	46		
	W9703A	09/24/1999	TOC	{ND on all 1} analytes				II	75	85	36	46		
	97-3	06/13/2000	OC21V	CHLOROFORM	1		UG/L	II	75	85	36	46	80	
	97-3	09/11/2000	OC21V	CHLOROFORM	1		UG/L	II	75	85	36	46	80	
	97-3	09/11/2000	OC21V	TRICHLOROETHYLENE (TCE)	0.3	J	UG/L	II	75	85	36	46	5	
	97-3	12/15/2000	OC21V	CHLOROFORM	1		UG/L	II	75	85	36	46	80	
	97-3	05/20/2001	OC21V	CHLOROFORM	0.9	J	UG/L	II	75	85	36	46	80	
	97-3	05/20/2001	OC21V	TRICHLOROETHYLENE (TCE)	0.2	J	UG/L	II	75	85	36	46	5	
	97-3	09/20/2001	OC21V	CHLOROFORM	1		UG/L	II	75	85	36	46	80	
	97-3	09/20/2001	OC21V	CHLOROMETHANE	0.3	J	UG/L	II	75	85	36	46	30	
	97-3	10/23/2001	E314.0	{ND on all 1} analytes				II	75	85	36	46		
	97-3	12/08/2001	OC21V	CHLOROFORM	1		UG/L	II	75	85	36	46	80	
	97-3	02/13/2002	8330N	{ND on all 19} analytes				II	75	85	36	46		
	97-3	02/13/2002	E314.0	{ND on all 1} analytes				II	75	85	36	46		
	97-3	02/26/2002	8330N	{ND on all 19} analytes				II	75	85	36	46		
	97-3	02/26/2002	E314.0	{ND on all 1} analytes				II	75	85	36	46		
	97-3	03/12/2002	8330N	{ND on all 19} analytes				II	75	85	36	46		
	97-3	03/12/2002	E314.0	{ND on all 1} analytes				II	75	85	36	46		
	97-3	03/27/2002	8330N	{ND on all 19} analytes				II	75	85	36	46		
	97-3D	03/27/2002	8330N	{ND on all 19} analytes				II	75	85	36	46		
	97-3	03/27/2002	E314.0	{ND on all 1} analytes				II	75	85	36	46		
	97-3D	03/27/2002	E314.0	{ND on all 1} analytes				II	75	85	36	46		
	97-3	03/27/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	75	85	36	46	80	
	97-3	03/27/2002	OC21V	TRICHLOROETHYLENE (TCE)	0.4	J	UG/L	II	75	85	36	46	5	
	97-3D	03/27/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	75	85	36	46	80	
	97-3D	03/27/2002	OC21V	TRICHLOROETHYLENE (TCE)	0.4	J	UG/L	II	75	85	36	46	5	
	97-3	05/02/2002	8330N	{ND on all 19} analytes				II	75	85	36	46		
	97-3	05/02/2002	E314.0	{ND on all 1} analytes				II	75	85	36	46		
	97-3	05/02/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	75	85	36	46	80	
	97-3	06/08/2002	8330N	{ND on all 19} analytes				II	75	85	36	46		
	97-3	06/08/2002	E314.0	{ND on all 1} analytes				II	75	85	36	46		
	97-3	06/08/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	75	85	36	46	80	
	97-3	07/05/2002	8330N	{ND on all 19} analytes				II	75	85	36	46		
	97-3	07/05/2002	E314.0	{ND on all 1} analytes				II	75	85	36	46		
	97-3	07/05/2002	OC21V	CHLOROFORM	1	J	UG/L	II	75	85	36	46	80	
	97-3	08/01/2002	E314.0	{ND on all 1} analytes				II	75	85	36	46		
	XXM973-A	09/06/2002	E314.0	{ND on all 1} analytes				3	75	85	36	46		
	XXM973-A	10/09/2002	E314.0	{ND on all 1} analytes				II	75	85	36	46		
	XXM973-A	11/07/2002	8330N	{ND on all 19} analytes				II	75	85	36	46		
	XXM973-A	11/07/2002	E314.0	{ND on all 1} analytes				II	75	85	36	46		
	XXM973-A	11/07/2002	OC21V	METHYLENE CHLORIDE	0.7	J	UG/L	II	75	85	36	46	5	
	XXM973-A	12/23/2002	E314.0	{ND on all 1} analytes				3	75	85	36	46		
	XXM973-A	01/24/2003	E314.0	{ND on all 1} analytes				3	75	85	36	46		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	XXM973-A	02/22/2003	8330N	{ND on all 19} analytes				II	75	85	36	46		
	XXM973-A	02/22/2003	E314.0	{ND on all 1} analytes				II	75	85	36	46		
	XXM973-A	03/24/2003	E314.0	{ND on all 1} analytes				II	75	85	36	46		
	XXM973-A	04/23/2003	E314.0	{ND on all 1} analytes				II	75	85	36	46		
	XXM973-A	05/28/2003	E314.0	{ND on all 1} analytes				3	75	85	36	46		
	XXM973-A	06/16/2003	8330N	{ND on all 19} analytes				II	75	85	36	46		
	XXM973-A	06/16/2003	OC21V	CHLOROFORM	1		UG/L	II	75	85	36	46	80	
	XXM973-A	06/20/2003	E314.0	{ND on all 1} analytes				3	75	85	36	46		
	XXM973-D	06/20/2003	E314.0	{ND on all 1} analytes				3	75	85	36	46		
	XXM973-A	07/28/2003	E314.0	{ND on all 1} analytes				3	75	85	36	46		
	XXM973-A	08/22/2003	8330N	{ND on all 19} analytes				II	75	85	36	46		
	XXM973-A	08/22/2003	E314.0	{ND on all 1} analytes				II	75	85	36	46		
	XXM973-A	08/22/2003	OC21V	CHLOROFORM	1		UG/L	II	75	85	36	46	80	
	XXM973-A	10/04/2003	E314.0	{ND on all 1} analytes				II	75	85	36	46		
	XXM973-D	10/04/2003	E314.0	{ND on all 1} analytes				II	75	85	36	46		
	XXM973-A	10/29/2003	E314.0	{ND on all 1} analytes				II	75	85	36	46		
	XXM973-D	10/29/2003	E314.0	{ND on all 1} analytes				II	75	85	36	46		
	XXM973-A	11/15/2003	E314.0	{ND on all 1} analytes				II	75	85	36	46		
	XXM973-A	12/15/2003	8330N	{ND on all 19} analytes				II	75	85	36	46		
	XXM973-A	12/15/2003	E314.0	{ND on all 1} analytes				II	75	85	36	46		
	XXM973-A	12/15/2003	OC21VM	CHLOROFORM	0.9	J	UG/L	II	75	85	36	46	80	
	XXM973-A	12/15/2003	OC21VM	TRICHLOROETHYLENE (TCE)	0.2	J	UG/L	II	75	85	36	46	5	
	XXM973-A	01/30/2004	E314.0	{ND on all 1} analytes				II	75	85	36	46		
	XXM973-A	02/24/2004	8330N	{ND on all 19} analytes				II	75	85	36	46		
	XXM973-A	02/24/2004	E314.0	{ND on all 1} analytes				3	75	85	36	46		
	XXM973-A	03/24/2004	E314.0	{ND on all 1} analytes				II	75	85	36	46		
	XXM973-A	04/29/2004	8330N	{ND on all 19} analytes				II	75	85	36	46		
	XXM973-A	04/29/2004	E314.0	{ND on all 1} analytes				II	75	85	36	46		
	XXM973-A	07/16/2004	8330N	{ND on all 19} analytes				II	75	85	36	46		
	XXM973-A	07/16/2004	E314.0	{ND on all 1} analytes				II	75	85	36	46		
	XXM973-A	10/11/2004	8330N	{ND on all 19} analytes				II	75	85	36	46		
	XXM973-A	10/11/2004	E314.0	{ND on all 1} analytes				II	75	85	36	46		
	XXM973-A	03/11/2005	8330N	{ND on all 19} analytes				II	75	85	36	46		
	XXM973-A	03/11/2005	E314.0	{ND on all 1} analytes				II	75	85	36	46		
	XXM973-A	05/17/2005	8330N	{ND on all 19} analytes				II	75	85	36	46		
	XXM973-A	05/17/2005	E314.0	{ND on all 1} analytes				II	75	85	36	46		
	XXM973-A	07/18/2005	8330N	{ND on all 19} analytes				II	75	85	36	46		
	XXM973-A	07/18/2005	E314.0	{ND on all 1} analytes				II	75	85	36	46		
	XXM973-A	11/08/2005	8330N	{ND on all 19} analytes				II	75	85	36	46		
	XXM973-A	11/08/2005	E314.0	{ND on all 1} analytes				II	75	85	36	46		
97-5	W9705A	11/20/1997	130.2	HARDNESS (AS CACO3)	11		MG/L	II	84	94	76	86		
	W9705L	11/20/1997	130.2	HARDNESS (AS CACO3)	9		MG/L	II	84	94	76	86		
	W9705A	11/20/1997	300.0	CHLORIDE (AS CL)	6.9		MG/L	II	84	94	76	86		
	W9705A	11/20/1997	300.0	SULFATE (AS SO4)	5.2		MG/L	II	84	94	76	86		
	W9705A	11/20/1997	310.1	ALKALINITY, BICARBONATE (AS C	9		MG/L	II	84	94	76	86		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W9705A	11/20/1997	310.1	ALKALINITY, TOTAL (AS CACO3)	9		MG/L	II	84	94	76	86		
	W9705A	11/20/1997	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.07	J	MG/L	II	84	94	76	86		
	W9705A	11/20/1997	504	{ND on all 1} analytes				II	84	94	76	86		
	W9705A	11/20/1997	8151	{ND on all 13} analytes				II	84	94	76	86		
	W9705A	11/20/1997	350.2M	{ND on all 1} analytes				II	84	94	76	86		
	W9705A	11/20/1997	353.2M	NITRATE/NITRITE (AS N)	0.09		MG/L	II	84	94	76	86	10	
	W9705A	11/20/1997	8021W	{ND on all 1} analytes				II	84	94	76	86		
	W9705A	11/20/1997	8330N	{ND on all 19} analytes				II	84	94	76	86		
	W9705A	11/20/1997	CYAN	{ND on all 1} analytes				II	84	94	76	86		
	W9705A	11/20/1997	IM40	CALCIUM	2040		UG/L	II	84	94	76	86		
	W9705A	11/20/1997	IM40	MAGNESIUM	937		UG/L	II	84	94	76	86		
	W9705A	11/20/1997	IM40	MANGANESE	1.7	J	UG/L	II	84	94	76	86		
	W9705A	11/20/1997	IM40	POTASSIUM	601	J	UG/L	II	84	94	76	86		
	W9705A	11/20/1997	IM40	SODIUM	6430		UG/L	II	84	94	76	86	20000	
	W9705L	11/20/1997	IM40	ALUMINUM	122		UG/L	II	84	94	76	86		
	W9705L	11/20/1997	IM40	CALCIUM	2100		UG/L	II	84	94	76	86		
	W9705L	11/20/1997	IM40	IRON	151		UG/L	II	84	94	76	86		
	W9705L	11/20/1997	IM40	MAGNESIUM	992		UG/L	II	84	94	76	86		
	W9705L	11/20/1997	IM40	MANGANESE	3.5		UG/L	II	84	94	76	86		
	W9705L	11/20/1997	IM40	POTASSIUM	659	J	UG/L	II	84	94	76	86		
	W9705L	11/20/1997	IM40	SODIUM	6780		UG/L	II	84	94	76	86	20000	
	W9705A	11/20/1997	IM40HD	{ND on all 1} analytes				II	84	94	76	86		
	W9705L	11/20/1997	IM40HD	{ND on all 1} analytes				II	84	94	76	86		
	W9705A	11/20/1997	IM40HG	{ND on all 1} analytes				II	84	94	76	86		
	W9705L	11/20/1997	IM40HG	{ND on all 1} analytes				II	84	94	76	86		
	W9705A	11/20/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	15		UG/L	II	84	94	76	86	6	X
	W9705A	11/20/1997	OC21V	{ND on all 39} analytes				II	84	94	76	86		
	W9705A	11/20/1997	OL21P	{ND on all 28} analytes				II	84	94	76	86		
	W9705A	11/20/1997	TOC	{ND on all 1} analytes				II	84	94	76	86		
	W9705A	01/11/1999	300.0	CHLORIDE (AS CL)	7.2		MG/L	II	84	94	76	86		
	W9705A	01/11/1999	300.0	SULFATE (AS SO4)	4.9		MG/L	II	84	94	76	86		
	W9705A	01/11/1999	310.1	ALKALINITY, BICARBONATE (AS C	7		MG/L	II	84	94	76	86		
	W9705A	01/11/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	7		MG/L	II	84	94	76	86		
	W9705A	01/11/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	II	84	94	76	86		
	W9705A	01/11/1999	504	{ND on all 1} analytes				II	84	94	76	86		
	W9705A	01/11/1999	8151	{ND on all 3} analytes				II	84	94	76	86		
	W9705A	01/11/1999	350.2M	{ND on all 1} analytes				II	84	94	76	86		
	W9705A	01/11/1999	353.2M	NITRATE/NITRITE (AS N)	0.12		MG/L	II	84	94	76	86	10	
	W9705A	01/11/1999	8021W	TERT-BUTYL METHYL ETHER	0.55		UG/L	II	84	94	76	86	20	
	W9705A	01/11/1999	8330N	{ND on all 19} analytes				II	84	94	76	86		
	W9705A	01/11/1999	CYAN	{ND on all 1} analytes				II	84	94	76	86		
	W9705A	01/11/1999	IM40HD	{ND on all 1} analytes				II	84	94	76	86		
	W9705L	01/11/1999	IM40HD	{ND on all 1} analytes				II	84	94	76	86		
	W9705A	01/11/1999	IM40HG	{ND on all 1} analytes				II	84	94	76	86		
	W9705L	01/11/1999	IM40HG	{ND on all 1} analytes				II	84	94	76	86		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W9705A	01/11/1999	IM40MB	CALCIUM	2040		UG/L	II	84	94	76	86		
	W9705A	01/11/1999	IM40MB	IRON	24.4		UG/L	II	84	94	76	86		
	W9705A	01/11/1999	IM40MB	MAGNESIUM	933		UG/L	II	84	94	76	86		
	W9705A	01/11/1999	IM40MB	SODIUM	6150		UG/L	II	84	94	76	86	20000	
	W9705L	01/11/1999	IM40MB	CALCIUM	1970		UG/L	II	84	94	76	86		
	W9705L	01/11/1999	IM40MB	MAGNESIUM	937		UG/L	II	84	94	76	86		
	W9705L	01/11/1999	IM40MB	SODIUM	6320		UG/L	II	84	94	76	86	20000	
	W9705L	01/11/1999	IM40MB	ZINC	1.6	J	UG/L	II	84	94	76	86	2000	
	W9705A	01/11/1999	OC21B	{ND on all 64} analytes				II	84	94	76	86		
	W9705A	01/11/1999	OC21V	{ND on all 44} analytes				II	84	94	76	86		
	W9705A	01/11/1999	OL21P	{ND on all 28} analytes				II	84	94	76	86		
	W9705A	01/11/1999	TOC	{ND on all 1} analytes				II	84	94	76	86		
	W9705A	09/27/1999	300.0	CHLORIDE (AS CL)	7.2		MG/L	II	84	94	76	86		
	W9705A	09/27/1999	300.0	SULFATE (AS SO4)	5		MG/L	II	84	94	76	86		
	W9705A	09/27/1999	310.1	ALKALINITY, BICARBONATE (AS C	6		MG/L	II	84	94	76	86		
	W9705A	09/27/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	6		MG/L	II	84	94	76	86		
	W9705A	09/27/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.03		MG/L	II	84	94	76	86		
	W9705A	09/27/1999	504	{ND on all 1} analytes				II	84	94	76	86		
	W9705A	09/27/1999	8151	{ND on all 18} analytes				II	84	94	76	86		
	W9705A	09/27/1999	350.2M	{ND on all 1} analytes				II	84	94	76	86		
	W9705A	09/27/1999	353.2M	NITRATE/NITRITE (AS N)	0.1		MG/L	II	84	94	76	86	10	
	W9705A	09/27/1999	8021W	{ND on all 1} analytes				II	84	94	76	86		
	W9705A	09/27/1999	8330N	{ND on all 19} analytes				II	84	94	76	86		
	W9705A	09/27/1999	CYAN	{ND on all 1} analytes				II	84	94	76	86		
	W9705A	09/27/1999	IM40HD	{ND on all 1} analytes				II	84	94	76	86		
	W9705A	09/27/1999	IM40HG	{ND on all 1} analytes				II	84	94	76	86		
	W9705A	09/27/1999	IM40MB	CALCIUM	1980		UG/L	II	84	94	76	86		
	W9705A	09/27/1999	IM40MB	IRON	39.6		UG/L	II	84	94	76	86		
	W9705A	09/27/1999	IM40MB	MAGNESIUM	927		UG/L	II	84	94	76	86		
	W9705A	09/27/1999	IM40MB	POTASSIUM	731		UG/L	II	84	94	76	86		
	W9705A	09/27/1999	IM40MB	SODIUM	6070		UG/L	II	84	94	76	86	20000	
	W9705A	09/27/1999	OC21B	{ND on all 64} analytes				II	84	94	76	86		
	W9705A	09/27/1999	OC21V	CHLOROFORM	0.4	J	UG/L	II	84	94	76	86	80	
	W9705A	09/27/1999	OL21P	{ND on all 28} analytes				II	84	94	76	86		
	W9705A	09/27/1999	TOC	{ND on all 1} analytes				II	84	94	76	86		
	97-5	06/10/2000	8021W	{ND on all 1} analytes				II	84	94	76	86		
	97-5	09/11/2000	8021W	{ND on all 1} analytes				II	84	94	76	86		
	97-5	09/11/2000	OC21V	CHLOROFORM	0.5	J	UG/L	II	84	94	76	86	80	
	97-5	09/11/2000	OC21V	METHYL ETHYL KETONE (2-BUTA	2	J	UG/L	II	84	94	76	86		
	97-5	12/14/2000	8021W	{ND on all 1} analytes				II	84	94	76	86		
	97-5	10/23/2001	E314.0	{ND on all 1} analytes				II	84	94	76	86		
	97-5	02/12/2002	8330N	{ND on all 19} analytes				II	84	94	76	86		
	97-5D	02/12/2002	8330N	{ND on all 19} analytes				II	84	94	76	86		
	97-5	02/12/2002	E314.0	PERCHLORATE	0.74	J	UG/L	II	84	94	76	86		
	97-5D	02/12/2002	E314.0	PERCHLORATE	0.55	J	UG/L	II	84	94	76	86		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	97-5	02/25/2002	8330N	{ND on all 19} analytes				II	84	94	76	86		
	97-5	02/25/2002	E314.0	PERCHLORATE	0.8	J	UG/L	II	84	94	76	86		
	97-5	03/12/2002	8330N	{ND on all 19} analytes				II	84	94	76	86		
	97-5	03/12/2002	E314.0	PERCHLORATE	0.6	J	UG/L	II	84	94	76	86		
	97-5	03/26/2002	8330N	{ND on all 19} analytes				II	84	94	76	86		
	97-5	03/26/2002	E314.0	PERCHLORATE	0.56	J	UG/L	II	84	94	76	86		
	97-5	03/28/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	84	94	76	86	80	
	97-5	05/02/2002	8330N	{ND on all 19} analytes				II	84	94	76	86		
	97-5	05/02/2002	E314.0	PERCHLORATE	0.47	J	UG/L	II	84	94	76	86		
	97-5	05/02/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	84	94	76	86	80	
	97-5	06/08/2002	8330N	{ND on all 19} analytes				II	84	94	76	86		
	97-5	06/08/2002	E314.0	PERCHLORATE	0.65	J	UG/L	II	84	94	76	86		
	97-5	06/08/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	84	94	76	86	80	
	97-5	07/08/2002	8330N	{ND on all 19} analytes				II	84	94	76	86		
	97-5	07/08/2002	E314.0	PERCHLORATE	0.4	J	UG/L	II	84	94	76	86		
	97-5	07/08/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	84	94	76	86	80	
	97-5	08/03/2002	E314.0	PERCHLORATE	0.63	J	UG/L	II	84	94	76	86		
	XXM975-A	09/06/2002	E314.0	{ND on all 1} analytes				II	84	94	76	86		
	XXM975-A	10/08/2002	E314.0	PERCHLORATE	0.54	J	UG/L	II	84	94	76	86		
	XXM975-A	11/07/2002	8330N	{ND on all 19} analytes				II	84	94	76	86		
	XXM975-A	11/07/2002	E314.0	PERCHLORATE	0.46	J	UG/L	II	84	94	76	86		
	XXM975-A	12/20/2002	E314.0	PERCHLORATE	0.54	J	UG/L	II	84	94	76	86		
	XXM975-A	01/24/2003	E314.0	PERCHLORATE	0.47	J	UG/L	3	84	94	76	86		
	XXM975-D	01/24/2003	E314.0	PERCHLORATE	0.5	J	UG/L	3	84	94	76	86		
	XXM975-A	02/24/2003	8330N	{ND on all 19} analytes				II	84	94	76	86		
	XXM975-A	02/24/2003	E314.0	PERCHLORATE	0.56	J	UG/L	II	84	94	76	86		
	XXM975-A	03/24/2003	E314.0	PERCHLORATE	0.53	J	UG/L	II	84	94	76	86		
	XXM975-D	03/24/2003	E314.0	PERCHLORATE	0.52	J	UG/L	II	84	94	76	86		
	XXM975-A	04/23/2003	E314.0	PERCHLORATE	0.48	J	UG/L	II	84	94	76	86		
	XXM975-D	04/23/2003	E314.0	PERCHLORATE	0.47	J	UG/L	II	84	94	76	86		
	XXM975-A	05/28/2003	E314.0	PERCHLORATE	0.5	J	UG/L	3	84	94	76	86		
	XXM975-A	06/16/2003	8330N	{ND on all 19} analytes				II	84	94	76	86		
	XXM975-A	06/20/2003	E314.0	PERCHLORATE	0.57	J	UG/L	3	84	94	76	86		
	XXM975-A	07/29/2003	E314.0	PERCHLORATE	0.54	J	UG/L	3	84	94	76	86		
	XXM975-A	08/22/2003	8330N	{ND on all 19} analytes				II	84	94	76	86		
	XXM975-A	08/22/2003	E314.0	PERCHLORATE	0.55	J	UG/L	II	84	94	76	86		
	XXM975-A	10/04/2003	E314.0	PERCHLORATE	0.56	J	UG/L	II	84	94	76	86		
	XXM975-A	10/31/2003	E314.0	PERCHLORATE	0.78	J	UG/L	II	84	94	76	86		
	XXM975-A	11/16/2003	E314.0	PERCHLORATE	0.6	J	UG/L	II	84	94	76	86		
	XXM975-D	11/16/2003	E314.0	PERCHLORATE	0.57	J	UG/L	II	84	94	76	86		
	XXM975-A	12/18/2003	8330N	{ND on all 19} analytes				II	84	94	76	86		
	XXM975-A	12/18/2003	E314.0	PERCHLORATE	0.46	J	UG/L	II	84	94	76	86		
	XXM975-A	01/29/2004	E314.0	PERCHLORATE	0.58	J	UG/L	II	84	94	76	86		
	XXM975-A	02/25/2004	8330N	{ND on all 19} analytes				II	84	94	76	86		
	XXM975-A	02/25/2004	E314.0	PERCHLORATE	0.43	J	UG/L	II	84	94	76	86		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	XXM975-A	03/24/2004	E314.0	PERCHLORATE	0.38	J	UG/L	II	84	94	76	86		
	XXM975-A	04/29/2004	E314.0	PERCHLORATE	0.39	J	UG/L	II	84	94	76	86		
	XXM975-A	04/30/2004	8330N	{ND on all 19} analytes				II	84	94	76	86		
	XXM975-A	07/19/2004	8330N	{ND on all 19} analytes				3	84	94	76	86		
	XXM975-D	07/19/2004	8330N	{ND on all 19} analytes				3	84	94	76	86		
	XXM975-A	07/19/2004	E314.0	PERCHLORATE	0.46	J	UG/L	II	84	94	76	86		
	XXM975-D	07/19/2004	E314.0	PERCHLORATE	0.57	J	UG/L	II	84	94	76	86		
	XXM975-A	10/13/2004	8330N	{ND on all 19} analytes				II	84	94	76	86		
	XXM975-A	10/13/2004	E314.0	PERCHLORATE	0.53	J	UG/L	II	84	94	76	86		
	XXM975-A	03/03/2005	8330N	{ND on all 19} analytes				II	84	94	76	86		
	XXM975-A	03/03/2005	E314.0	{ND on all 1} analytes				II	84	94	76	86		
	XXM975-A	05/18/2005	8330N	{ND on all 19} analytes				II	84	94	76	86		
	XXM975-A	05/18/2005	E314.0	PERCHLORATE	0.46	J	UG/L	II	84	94	76	86		
	XXM975-A	07/19/2005	8330N	{ND on all 19} analytes				II	84	94	76	86		
	XXM975-A	07/19/2005	E314.0	{ND on all 1} analytes				II	84	94	76	86		
	XXM975-A	10/27/2005	8330N	{ND on all 19} analytes				II	84	94	76	86		
	XXM975-D	10/27/2005	8330N	{ND on all 19} analytes				II	84	94	76	86		
	XXM975-A	10/27/2005	E314.0	{ND on all 1} analytes				II	84	94	76	86		
	XXM975-D	10/27/2005	E314.0	PERCHLORATE	0.37	J	UG/L	II	84	94	76	86		
BHW-222	BHW222-A	10/23/2002	E314.0	{ND on all 1} analytes				II	0	0				
BHW-223	BHW223-A	10/24/2002	E314.0	{ND on all 1} analytes				II	0	0				
	BHW223-D	10/24/2002	E314.0	{ND on all 1} analytes				II	0	0				
BHW-224	BHW224-A	10/24/2002	E314.0	{ND on all 1} analytes				II	0	0				
M-1B	M-1BAA	04/04/2002	8330N	{ND on all 19} analytes				II	45	45	2.15	2.15		
	M-1BAA	04/04/2002	E314.0	{ND on all 1} analytes				II	45	45	2.15	2.15		
	M-1BAA	04/04/2002	OC21V	CHLOROFORM	1		UG/L	II	45	45	2.15	2.15	80	
	M-1BAA	05/11/2002	8330N	{ND on all 19} analytes				II	45	45	2.15	2.15		
	M-1BAA	05/11/2002	E314.0	{ND on all 1} analytes				II	45	45	2.15	2.15		
	M-1BAA	05/11/2002	OC21V	CHLOROFORM	1		UG/L	II	45	45	2.15	2.15	80	
	M-1BAA	06/14/2002	8330N	{ND on all 19} analytes				II	45	45	2.15	2.15		
	M-1BAA	06/14/2002	E314.0	{ND on all 1} analytes				II	45	45	2.15	2.15		
	M-1BAA	06/14/2002	OC21V	CHLOROFORM	1		UG/L	II	45	45	2.15	2.15	80	
	M-1BAA	07/19/2002	E314.0	{ND on all 1} analytes				3	45	45	2.15	2.15		
	M-1BAA	08/21/2002	E314.0	{ND on all 1} analytes				II	45	45	2.15	2.15		
	M-1B-A	09/24/2002	E314.0	{ND on all 1} analytes				II	45	45	2.15	2.15		
	M-1B-A	10/21/2002	8330N	{ND on all 19} analytes				II	45	45	2.15	2.15		
	M-1B-A	10/21/2002	E314.0	{ND on all 1} analytes				3	45	45	2.15	2.15		
	M-1B-A	10/21/2002	OC21V	CHLOROFORM	1		UG/L	II	45	45	2.15	2.15	80	
	M-1B-A	12/18/2002	8330N	{ND on all 19} analytes				II	45	45	2.15	2.15		
	M-1B-A	12/18/2002	E314.0	{ND on all 1} analytes				II	45	45	2.15	2.15		
	M-1B-A	12/18/2002	OC21V	CHLOROFORM	1		UG/L	II	45	45	2.15	2.15	80	
	M-1B-A	01/29/2003	E314.0	{ND on all 1} analytes				II	45	45	2.15	2.15		
	M-1B-A	02/28/2003	E314.0	{ND on all 1} analytes				II	45	45	2.15	2.15		
M-1C	M-1CAA	04/04/2002	8330N	{ND on all 19} analytes				II	55	55	12.15	12.15		
	M-1CAA	04/04/2002	E314.0	{ND on all 1} analytes				3	55	55	12.15	12.15		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	M-1CAA	04/04/2002	OC21V	CHLOROFORM	1		UG/L	II	55	55	12.15	12.15	80	
	M-1CAA	05/11/2002	8330N	{ND on all 19} analytes				II	55	55	12.15	12.15		
	M-1CAA	05/11/2002	E314.0	{ND on all 1} analytes				II	55	55	12.15	12.15		
	M-1CAA	05/11/2002	OC21V	CHLOROFORM	1		UG/L	II	55	55	12.15	12.15	80	
	M-1CAA	06/14/2002	8330N	{ND on all 19} analytes				II	55	55	12.15	12.15		
	M-1CAA	06/14/2002	E314.0	{ND on all 1} analytes				II	55	55	12.15	12.15		
	M-1CAA	06/14/2002	OC21V	CHLOROFORM	1		UG/L	II	55	55	12.15	12.15	80	
	M-1CAA	07/19/2002	E314.0	{ND on all 1} analytes				3	55	55	12.15	12.15		
	M-1CAA	08/21/2002	E314.0	{ND on all 1} analytes				II	55	55	12.15	12.15		
	M-1C-A	09/24/2002	E314.0	{ND on all 1} analytes				II	55	55	12.15	12.15		
	M-1C-A	10/21/2002	8330N	{ND on all 19} analytes				II	55	55	12.15	12.15		
	M-1C-A	10/21/2002	E314.0	{ND on all 1} analytes				II	55	55	12.15	12.15		
	M-1C-A	10/21/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	55	55	12.15	12.15	80	
	M-1C-A	12/18/2002	8330N	{ND on all 19} analytes				II	55	55	12.15	12.15		
	M-1C-A	12/18/2002	E314.0	{ND on all 1} analytes				II	55	55	12.15	12.15		
	M-1C-A	12/18/2002	OC21V	CHLOROFORM	1		UG/L	II	55	55	12.15	12.15	80	
	M-1C-A	01/28/2003	E314.0	{ND on all 1} analytes				II	55	55	12.15	12.15		
	M-1C-A	02/28/2003	E314.0	{ND on all 1} analytes				II	55	55	12.15	12.15		
M-1D	M-1DAA	04/04/2002	8330N	{ND on all 19} analytes				II	65	65	22.15	22.15		
	M-1DAA	04/04/2002	E314.0	{ND on all 1} analytes				3	65	65	22.15	22.15		
	M-1DAA	04/04/2002	OC21V	CHLOROFORM	1		UG/L	II	65	65	22.15	22.15	80	
	M-1DAA	05/11/2002	8330N	{ND on all 19} analytes				II	65	65	22.15	22.15		
	M-1DAA	05/11/2002	E314.0	{ND on all 1} analytes				II	65	65	22.15	22.15		
	M-1DAA	05/11/2002	OC21V	CHLOROFORM	1		UG/L	II	65	65	22.15	22.15	80	
	M-1DAA	06/14/2002	8330N	{ND on all 19} analytes				II	65	65	22.15	22.15		
	M-1DAA	06/14/2002	E314.0	{ND on all 1} analytes				II	65	65	22.15	22.15		
	M-1DAA	06/14/2002	OC21V	CHLOROFORM	1		UG/L	II	65	65	22.15	22.15	80	
	M-1DAA	07/19/2002	E314.0	{ND on all 1} analytes				3	65	65	22.15	22.15		
	M-1DAA	08/21/2002	E314.0	{ND on all 1} analytes				II	65	65	22.15	22.15		
	M-1D-A	09/23/2002	E314.0	{ND on all 1} analytes				II	65	65	22.15	22.15		
	M-1D-A	10/21/2002	8330N	{ND on all 19} analytes				II	65	65	22.15	22.15		
	M-1D-A	10/21/2002	E314.0	{ND on all 1} analytes				II	65	65	22.15	22.15		
	M-1D-A	10/21/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	65	65	22.15	22.15	80	
	M-1D-A	12/18/2002	8330N	{ND on all 19} analytes				II	65	65	22.15	22.15		
	M-1D-D	12/18/2002	8330N	{ND on all 19} analytes				II	65	65	22.15	22.15		
	M-1D-A	12/18/2002	E314.0	{ND on all 1} analytes				II	65	65	22.15	22.15		
	M-1D-D	12/18/2002	E314.0	{ND on all 1} analytes				II	65	65	22.15	22.15		
	M-1D-A	12/18/2002	OC21V	CHLOROFORM	1		UG/L	II	65	65	22.15	22.15	80	
	M-1D-D	12/18/2002	OC21V	CHLOROFORM	1		UG/L	II	65	65	22.15	22.15	80	
	M-1D-A	01/28/2003	E314.0	{ND on all 1} analytes				II	65	65	22.15	22.15		
	M-1D-A	02/28/2003	E314.0	{ND on all 1} analytes				II	65	65	22.15	22.15		
M-2B	M-2BAA	04/04/2002	8330N	{ND on all 19} analytes				II	65	65	1.5	1.5		
	M-2BAA	04/04/2002	E314.0	{ND on all 1} analytes				II	65	65	1.5	1.5		
	M-2BAA	04/04/2002	OC21V	CHLOROFORM	2		UG/L	II	65	65	1.5	1.5	80	
	M-2BAA	05/04/2002	8330N	{ND on all 19} analytes				II	65	65	1.5	1.5		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	M-2BAA	05/04/2002	E314.0	{ND on all 1} analytes				II	65	65	1.5	1.5		
	M-2BAA	05/04/2002	OC21V	CHLOROFORM	2		UG/L	II	65	65	1.5	1.5	80	
	M-2BAA	06/14/2002	8330N	{ND on all 19} analytes				II	65	65	1.5	1.5		
	M-2BAA	06/14/2002	E314.0	{ND on all 1} analytes				II	65	65	1.5	1.5		
	M-2BAA	06/14/2002	OC21V	CHLOROFORM	1		UG/L	II	65	65	1.5	1.5	80	
	M-2BAA	07/19/2002	E314.0	{ND on all 1} analytes				II	65	65	1.5	1.5		
	M-2BAA	08/22/2002	E314.0	{ND on all 1} analytes				II	65	65	1.5	1.5		
	M-2B-A	09/21/2002	E314.0	{ND on all 1} analytes				II	65	65	1.5	1.5		
	M-2B-D	09/21/2002	E314.0	{ND on all 1} analytes				II	65	65	1.5	1.5		
	M-2B-A	10/16/2002	8330N	{ND on all 19} analytes				II	65	65	1.5	1.5		
	M-2B-A	10/16/2002	E314.0	{ND on all 1} analytes				II	65	65	1.5	1.5		
	M-2B-A	10/16/2002	OC21V	CHLOROFORM	1		UG/L	II	65	65	1.5	1.5	80	
	M-2B-A	12/16/2002	8330N	{ND on all 19} analytes				II	65	65	1.5	1.5		
	M-2B-A	12/16/2002	E314.0	{ND on all 1} analytes				3	65	65	1.5	1.5		
	M-2B-A	12/16/2002	OC21V	CHLOROFORM	2		UG/L	II	65	65	1.5	1.5	80	
	M-2B-A	01/20/2003	E314.0	{ND on all 1} analytes				3	65	65	1.5	1.5		
	M-2B-A	02/20/2003	E314.0	{ND on all 1} analytes				II	65	65	1.5	1.5		
M-2C	M-2CAA	04/04/2002	8330N	{ND on all 19} analytes				II	75	75	11.5	11.5		
	M-2CAA	04/04/2002	E314.0	{ND on all 1} analytes				II	75	75	11.5	11.5		
	M-2CAA	04/04/2002	OC21V	CHLOROFORM	2		UG/L	II	75	75	11.5	11.5	80	
	M-2CAA	05/04/2002	8330N	{ND on all 19} analytes				II	75	75	11.5	11.5		
	M-2CAA	05/04/2002	E314.0	{ND on all 1} analytes				II	75	75	11.5	11.5		
	M-2CAA	05/04/2002	OC21V	CHLOROFORM	2		UG/L	II	75	75	11.5	11.5	80	
	M-2CAA	06/14/2002	8330N	{ND on all 19} analytes				II	75	75	11.5	11.5		
	M-2CAA	06/14/2002	E314.0	{ND on all 1} analytes				II	75	75	11.5	11.5		
	M-2CAA	06/14/2002	OC21V	CHLOROFORM	1		UG/L	II	75	75	11.5	11.5	80	
	M-2CAA	07/19/2002	E314.0	{ND on all 1} analytes				II	75	75	11.5	11.5		
	M-2CAA	08/22/2002	E314.0	{ND on all 1} analytes				II	75	75	11.5	11.5		
	M-2C-A	09/21/2002	E314.0	{ND on all 1} analytes				II	75	75	11.5	11.5		
	M-2C-A	10/16/2002	8330N	{ND on all 19} analytes				II	75	75	11.5	11.5		
	M-2C-A	10/16/2002	E314.0	{ND on all 1} analytes				II	75	75	11.5	11.5		
	M-2C-A	10/16/2002	OC21V	CHLOROFORM	1		UG/L	II	75	75	11.5	11.5	80	
	M-2C-A	12/16/2002	8330N	{ND on all 19} analytes				II	75	75	11.5	11.5		
	M-2C-A	12/16/2002	E314.0	{ND on all 1} analytes				3	75	75	11.5	11.5		
	M-2C-A	12/16/2002	OC21V	CHLOROFORM	2		UG/L	II	75	75	11.5	11.5	80	
	M-2C-A	01/20/2003	E314.0	{ND on all 1} analytes				3	75	75	11.5	11.5		
	M-2C-A	02/20/2003	E314.0	{ND on all 1} analytes				II	75	75	11.5	11.5		
M-2D	M-2DAA	04/04/2002	8330N	{ND on all 19} analytes				II	85	85	21.5	21.5		
	M-2DAA	04/04/2002	E314.0	{ND on all 1} analytes				II	85	85	21.5	21.5		
	M-2DAA	04/04/2002	OC21V	CHLOROFORM	2		UG/L	II	85	85	21.5	21.5	80	
	M-2DAA	05/04/2002	8330N	{ND on all 19} analytes				II	85	85	21.5	21.5		
	M-2DAA	05/04/2002	E314.0	{ND on all 1} analytes				II	85	85	21.5	21.5		
	M-2DAA	05/04/2002	OC21V	CHLOROFORM	1		UG/L	II	85	85	21.5	21.5	80	
	M-2DAA	06/13/2002	8330N	{ND on all 19} analytes				II	85	85	21.5	21.5		
	M-2DAA	06/13/2002	E314.0	{ND on all 1} analytes				II	85	85	21.5	21.5		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	M-2DAA	06/13/2002	OC21V	CHLOROFORM	1		UG/L	II	85	85	21.5	21.5	80	
	M-2DAA	07/19/2002	E314.0	{ND on all 1} analytes				II	85	85	21.5	21.5		
	M-2DAD	07/19/2002	E314.0	{ND on all 1} analytes				II	85	85	21.5	21.5		
	M-2DAA	08/21/2002	E314.0	{ND on all 1} analytes				II	85	85	21.5	21.5		
	M-2D-A	09/21/2002	E314.0	{ND on all 1} analytes				II	85	85	21.5	21.5		
	M-2D-A	10/16/2002	8330N	{ND on all 19} analytes				II	85	85	21.5	21.5		
	M-2D-A	10/16/2002	E314.0	{ND on all 1} analytes				II	85	85	21.5	21.5		
	M-2D-A	10/16/2002	OC21V	CHLOROFORM	1		UG/L	II	85	85	21.5	21.5	80	
	M-2D-A	12/16/2002	8330N	{ND on all 19} analytes				II	85	85	21.5	21.5		
	M-2D-A	12/16/2002	E314.0	{ND on all 1} analytes				3	85	85	21.5	21.5		
	M-2D-A	12/16/2002	OC21V	CHLOROFORM	2		UG/L	II	85	85	21.5	21.5	80	
	M-2D-A	01/20/2003	E314.0	{ND on all 1} analytes				3	85	85	21.5	21.5		
	M-2D-A	02/20/2003	E314.0	{ND on all 1} analytes				II	85	85	21.5	21.5		
M-3B	M-3BAA	04/02/2002	8330N	{ND on all 19} analytes				3	65	65	6.8	6.8		
	M-3BAA	04/02/2002	E314.0	{ND on all 1} analytes				II	65	65	6.8	6.8		
	M-3BAA	04/02/2002	OC21V	CHLOROFORM	1		UG/L	3	65	65	6.8	6.8	80	
	M-3BAA	05/03/2002	8330N	{ND on all 19} analytes				II	65	65	6.8	6.8		
	M-3BAA	05/03/2002	E314.0	{ND on all 1} analytes				II	65	65	6.8	6.8		
	M-3BAA	05/03/2002	OC21V	CHLOROFORM	1		UG/L	II	65	65	6.8	6.8	80	
	M-3BAA	06/11/2002	8330N	{ND on all 19} analytes				II	65	65	6.8	6.8		
	M-3BAA	06/11/2002	E314.0	{ND on all 1} analytes				II	65	65	6.8	6.8		
	M-3BAA	06/11/2002	OC21V	CHLOROFORM	1		UG/L	II	65	65	6.8	6.8	80	
	M-3BAA	07/19/2002	E314.0	{ND on all 1} analytes				3	65	65	6.8	6.8		
	M-3BAA	08/22/2002	E314.0	{ND on all 1} analytes				II	65	65	6.8	6.8		
	M-3B-A	09/21/2002	E314.0	{ND on all 1} analytes				II	65	65	6.8	6.8		
	M-3B-A	10/14/2002	8330N	{ND on all 19} analytes				II	65	65	6.8	6.8		
	M-3B-A	10/14/2002	E314.0	{ND on all 1} analytes				3	65	65	6.8	6.8		
	M-3B-A	10/14/2002	OC21V	CHLOROFORM	2		UG/L	II	65	65	6.8	6.8	80	
	M-3B-A	12/16/2002	8330N	{ND on all 19} analytes				II	65	65	6.8	6.8		
	M-3B-A	12/16/2002	E314.0	{ND on all 1} analytes				3	65	65	6.8	6.8		
	M-3B-A	12/16/2002	OC21V	CHLOROFORM	1		UG/L	II	65	65	6.8	6.8	80	
	M-3B-A	01/27/2003	E314.0	{ND on all 1} analytes				II	65	65	6.8	6.8		
	M-3B-A	02/21/2003	E314.0	{ND on all 1} analytes				II	65	65	6.8	6.8		
	M-3B-D	02/21/2003	E314.0	PERCHLORATE	0.49	J	UG/L	II	65	65	6.8	6.8		
	M-3B-A	06/05/2003	E314.0	{ND on all 1} analytes				II	65	65	6.8	6.8		
	M-3B-A	09/09/2003	E314.0	{ND on all 1} analytes				3	65	65	6.8	6.8		
	M-3B-A	01/23/2004	E314.0	{ND on all 1} analytes				II	65	65	6.8	6.8		
	M-3B-A	08/12/2004	E314.0	{ND on all 1} analytes				II	65	65	6.8	6.8		
	M-3B-A	08/09/2005	E314.0	{ND on all 1} analytes				II	65	65	6.8	6.8		
M-3C	M-3CAA	04/02/2002	8330N	{ND on all 19} analytes				3	75	75	16.8	16.8		
	M-3CAA	04/02/2002	E314.0	{ND on all 1} analytes				II	75	75	16.8	16.8		
	M-3CAA	04/02/2002	OC21V	CHLOROFORM	1		UG/L	3	75	75	16.8	16.8	80	
	M-3CAA	05/03/2002	8330N	{ND on all 19} analytes				II	75	75	16.8	16.8		
	M-3CAA	05/03/2002	E314.0	{ND on all 1} analytes				II	75	75	16.8	16.8		
	M-3CAA	05/03/2002	OC21V	CHLOROFORM	1		UG/L	II	75	75	16.8	16.8	80	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	M-3CAA	06/11/2002	8330N	{ND on all 19} analytes				II	75	75	16.8	16.8		
	M-3CAD	06/11/2002	8330N	{ND on all 19} analytes				II	75	75	16.8	16.8		
	M-3CAA	06/11/2002	E314.0	{ND on all 1} analytes				II	75	75	16.8	16.8		
	M-3CAD	06/11/2002	E314.0	{ND on all 1} analytes				II	75	75	16.8	16.8		
	M-3CAA	06/11/2002	OC21V	CHLOROFORM	1		UG/L	II	75	75	16.8	16.8	80	
	M-3CAD	06/11/2002	OC21V	CHLOROFORM	1		UG/L	II	75	75	16.8	16.8	80	
	M-3CAA	07/19/2002	E314.0	{ND on all 1} analytes				3	75	75	16.8	16.8		
	M-3CAA	08/22/2002	E314.0	{ND on all 1} analytes				II	75	75	16.8	16.8		
	M-3C-A	09/21/2002	E314.0	{ND on all 1} analytes				II	75	75	16.8	16.8		
	M-3C-A	10/14/2002	8330N	{ND on all 19} analytes				II	75	75	16.8	16.8		
	M-3C-A	10/14/2002	E314.0	{ND on all 1} analytes				3	75	75	16.8	16.8		
	M-3C-A	10/14/2002	OC21V	CHLOROFORM	2		UG/L	II	75	75	16.8	16.8	80	
	M-3C-A	12/16/2002	8330N	{ND on all 19} analytes				II	75	75	16.8	16.8		
	M-3C-A	12/16/2002	E314.0	{ND on all 1} analytes				II	75	75	16.8	16.8		
	M-3C-A	12/16/2002	OC21V	CHLOROFORM	2		UG/L	II	75	75	16.8	16.8	80	
	M-3C-A	01/27/2003	E314.0	{ND on all 1} analytes				II	75	75	16.8	16.8		
	M-3C-D	01/27/2003	E314.0	{ND on all 1} analytes				II	75	75	16.8	16.8		
	M-3C-A	02/21/2003	E314.0	{ND on all 1} analytes				II	75	75	16.8	16.8		
	M-3C-A	06/05/2003	E314.0	{ND on all 1} analytes				II	75	75	16.8	16.8		
	M-3C-A	09/09/2003	E314.0	{ND on all 1} analytes				3	75	75	16.8	16.8		
	M-3C-D	09/09/2003	E314.0	{ND on all 1} analytes				3	75	75	16.8	16.8		
	M-3C-A	01/23/2004	E314.0	{ND on all 1} analytes				II	75	75	16.8	16.8		
	M-3C-A	08/12/2004	E314.0	{ND on all 1} analytes				II	75	75	16.8	16.8		
	M-3C-A	08/09/2005	E314.0	{ND on all 1} analytes				II	75	75	16.8	16.8		
M-3D	M-3DAA	04/02/2002	8330N	{ND on all 19} analytes				3	85	85	26.8	26.8		
	M-3DAA	04/02/2002	E314.0	{ND on all 1} analytes				II	85	85	26.8	26.8		
	M-3DAA	04/02/2002	OC21V	CHLOROFORM	1		UG/L	3	85	85	26.8	26.8	80	
	M-3DAA	05/03/2002	8330N	{ND on all 19} analytes				II	85	85	26.8	26.8		
	M-3DAA	05/03/2002	E314.0	{ND on all 1} analytes				II	85	85	26.8	26.8		
	M-3DAA	05/03/2002	OC21V	1,4-DICHLOROBENZENE	0.2	J	UG/L	II	85	85	26.8	26.8	75	
	M-3DAA	05/03/2002	OC21V	CHLOROFORM	1		UG/L	II	85	85	26.8	26.8	80	
	M-3DAA	06/11/2002	8330N	{ND on all 19} analytes				II	85	85	26.8	26.8		
	M-3DAA	06/11/2002	E314.0	{ND on all 1} analytes				II	85	85	26.8	26.8		
	M-3DAA	06/11/2002	OC21V	CHLOROFORM	1		UG/L	II	85	85	26.8	26.8	80	
	M-3DAA	07/19/2002	E314.0	{ND on all 1} analytes				3	85	85	26.8	26.8		
	M-3DAA	08/22/2002	E314.0	{ND on all 1} analytes				II	85	85	26.8	26.8		
	M-3D-A	09/21/2002	E314.0	{ND on all 1} analytes				II	85	85	26.8	26.8		
	M-3D-A	10/14/2002	8330N	{ND on all 19} analytes				II	85	85	26.8	26.8		
	M-3D-A	10/14/2002	E314.0	{ND on all 1} analytes				3	85	85	26.8	26.8		
	M-3D-A	10/14/2002	OC21V	CHLOROFORM	1		UG/L	II	85	85	26.8	26.8	80	
	M-3D-A	12/16/2002	8330N	{ND on all 19} analytes				II	85	85	26.8	26.8		
	M-3D-A	12/16/2002	E314.0	{ND on all 1} analytes				II	85	85	26.8	26.8		
	M-3D-A	12/16/2002	OC21V	CHLOROFORM	1		UG/L	II	85	85	26.8	26.8	80	
	M-3D-A	01/27/2003	E314.0	{ND on all 1} analytes				II	85	85	26.8	26.8		
	M-3D-A	02/21/2003	E314.0	{ND on all 1} analytes				II	85	85	26.8	26.8		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	M-3D-A	06/05/2003	E314.0	{ND on all 1} analytes				II	85	85	26.8	26.8		
	M-3D-A	09/09/2003	E314.0	{ND on all 1} analytes				3	85	85	26.8	26.8		
	M-3D-A	01/23/2004	E314.0	{ND on all 1} analytes				II	85	85	26.8	26.8		
	M-3D-A	08/12/2004	E314.0	{ND on all 1} analytes				II	85	85	26.8	26.8		
	M-3D-A	08/09/2005	E314.0	{ND on all 1} analytes				II	85	85	26.8	26.8		
	M-3D-D	08/09/2005	E314.0	{ND on all 1} analytes				II	85	85	26.8	26.8		
M-4B	M-4BAA	04/02/2002	8330N	{ND on all 19} analytes				3	69	69	8.2	8.2		
	M-4BAA	04/02/2002	E314.0	{ND on all 1} analytes				II	69	69	8.2	8.2		
	M-4BAA	04/02/2002	OC21V	CHLOROFORM	1		UG/L	3	69	69	8.2	8.2	80	
	M-4BAA	05/05/2002	8330N	{ND on all 19} analytes				II	69	69	8.2	8.2		
	M-4BAD	05/05/2002	8330N	{ND on all 19} analytes				II	69	69	8.2	8.2		
	M-4BAA	05/05/2002	E314.0	{ND on all 1} analytes				II	69	69	8.2	8.2		
	M-4BAD	05/05/2002	E314.0	{ND on all 1} analytes				II	69	69	8.2	8.2		
	M-4BAA	05/05/2002	OC21V	CHLOROFORM	1		UG/L	II	69	69	8.2	8.2	80	
	M-4BAD	05/05/2002	OC21V	CHLOROFORM	1		UG/L	II	69	69	8.2	8.2	80	
	M-4BAA	06/15/2002	8330N	{ND on all 19} analytes				II	69	69	8.2	8.2		
	M-4BAA	06/15/2002	E314.0	{ND on all 1} analytes				II	69	69	8.2	8.2		
	M-4BAA	06/15/2002	OC21V	CHLOROFORM	1		UG/L	II	69	69	8.2	8.2	80	
	M-4BAA	07/20/2002	E314.0	{ND on all 1} analytes				II	69	69	8.2	8.2		
	M-4BAD	07/20/2002	E314.0	{ND on all 1} analytes				II	69	69	8.2	8.2		
	M-4BAA	08/23/2002	E314.0	{ND on all 1} analytes				II	69	69	8.2	8.2		
	M-4B-A	09/25/2002	E314.0	{ND on all 1} analytes				II	69	69	8.2	8.2		
	M-4B-D	09/25/2002	E314.0	{ND on all 1} analytes				II	69	69	8.2	8.2		
	M-4B-A	10/24/2002	8330N	{ND on all 19} analytes				II	69	69	8.2	8.2		
	M-4B-A	10/24/2002	E314.0	{ND on all 1} analytes				II	69	69	8.2	8.2		
	M-4B-A	10/24/2002	OC21V	CHLOROFORM	1		UG/L	II	69	69	8.2	8.2	80	
	M-4B-A	12/18/2002	8330N	{ND on all 19} analytes				II	69	69	8.2	8.2		
	M-4B-A	12/18/2002	E314.0	{ND on all 1} analytes				II	69	69	8.2	8.2		
	M-4B-A	12/18/2002	OC21V	CHLOROFORM	1		UG/L	II	69	69	8.2	8.2	80	
	M-4B-A	01/20/2003	E314.0	{ND on all 1} analytes				II	69	69	8.2	8.2		
	M-4B-A	02/20/2003	E314.0	{ND on all 1} analytes				II	69	69	8.2	8.2		
M-4C	M-4CAA	04/02/2002	8330N	{ND on all 19} analytes				3	79	79	18.2	18.2		
	M-4CAA	04/02/2002	E314.0	{ND on all 1} analytes				II	79	79	18.2	18.2		
	M-4CAA	04/02/2002	OC21V	CHLOROFORM	0.9	J	UG/L	3	79	79	18.2	18.2	80	
	M-4CAA	05/05/2002	8330N	{ND on all 19} analytes				II	79	79	18.2	18.2		
	M-4CAA	05/05/2002	E314.0	{ND on all 1} analytes				II	79	79	18.2	18.2		
	M-4CAA	05/05/2002	OC21V	CHLOROFORM	1		UG/L	II	79	79	18.2	18.2	80	
	M-4CAA	06/15/2002	8330N	{ND on all 19} analytes				II	79	79	18.2	18.2		
	M-4CAA	06/15/2002	E314.0	{ND on all 1} analytes				II	79	79	18.2	18.2		
	M-4CAA	06/15/2002	OC21V	CHLOROFORM	1		UG/L	II	79	79	18.2	18.2	80	
	M-4CAA	07/20/2002	E314.0	{ND on all 1} analytes				II	79	79	18.2	18.2		
	M-4CAA	08/23/2002	E314.0	{ND on all 1} analytes				II	79	79	18.2	18.2		
	M-4C-A	09/25/2002	E314.0	{ND on all 1} analytes				II	79	79	18.2	18.2		
	M-4C-A	10/24/2002	8330N	{ND on all 19} analytes				II	79	79	18.2	18.2		
	M-4C-A	10/24/2002	E314.0	{ND on all 1} analytes				II	79	79	18.2	18.2		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	M-4C-A	10/24/2002	OC21V	CHLOROFORM	1		UG/L	II	79	79	18.2	18.2	80	
	M-4C-A	12/18/2002	8330N	{ND on all 19} analytes				II	79	79	18.2	18.2		
	M-4C-A	12/18/2002	E314.0	{ND on all 1} analytes				II	79	79	18.2	18.2		
	M-4C-A	12/18/2002	OC21V	CHLOROFORM	1		UG/L	II	79	79	18.2	18.2	80	
	M-4C-A	01/20/2003	E314.0	{ND on all 1} analytes				II	79	79	18.2	18.2		
	M-4C-A	02/20/2003	E314.0	{ND on all 1} analytes				II	79	79	18.2	18.2		
M-4D	M-4DAA	04/02/2002	8330N	{ND on all 19} analytes				3	89	89	28.2	28.2		
	M-4DAA	04/02/2002	E314.0	{ND on all 1} analytes				II	89	89	28.2	28.2		
	M-4DAA	04/02/2002	OC21V	CHLOROFORM	1		UG/L	3	89	89	28.2	28.2	80	
	M-4DAA	05/05/2002	8330N	{ND on all 19} analytes				II	89	89	28.2	28.2		
	M-4DAA	05/05/2002	E314.0	{ND on all 1} analytes				II	89	89	28.2	28.2		
	M-4DAA	05/05/2002	OC21V	CHLOROFORM	1		UG/L	II	89	89	28.2	28.2	80	
	M-4DAA	06/14/2002	8330N	{ND on all 19} analytes				II	89	89	28.2	28.2		
	M-4DAA	06/14/2002	E314.0	{ND on all 1} analytes				II	89	89	28.2	28.2		
	M-4DAA	06/14/2002	OC21V	CHLOROFORM	1		UG/L	II	89	89	28.2	28.2	80	
	M-4DAA	07/20/2002	E314.0	{ND on all 1} analytes				II	89	89	28.2	28.2		
	M-4DAA	08/22/2002	E314.0	{ND on all 1} analytes				II	89	89	28.2	28.2		
	M-4D-A	09/25/2002	E314.0	{ND on all 1} analytes				II	89	89	28.2	28.2		
	M-4D-A	10/24/2002	8330N	{ND on all 19} analytes				II	89	89	28.2	28.2		
	M-4D-A	10/24/2002	E314.0	{ND on all 1} analytes				II	89	89	28.2	28.2		
	M-4D-A	10/24/2002	OC21V	CHLOROFORM	1		UG/L	II	89	89	28.2	28.2	80	
	M-4D-A	12/18/2002	8330N	{ND on all 19} analytes				II	89	89	28.2	28.2		
	M-4D-A	12/18/2002	E314.0	{ND on all 1} analytes				II	89	89	28.2	28.2		
	M-4D-A	12/18/2002	OC21V	CHLOROFORM	1		UG/L	II	89	89	28.2	28.2	80	
	M-4D-A	01/20/2003	E314.0	{ND on all 1} analytes				II	89	89	28.2	28.2		
	M-4D-A	02/20/2003	E314.0	{ND on all 1} analytes				II	89	89	28.2	28.2		
M-5B	M-5BAA	04/03/2002	8330N	{ND on all 19} analytes				II	65	65	7.2	7.2		
	M-5BAA	04/03/2002	E314.0	{ND on all 1} analytes				II	65	65	7.2	7.2		
	M-5BAA	04/03/2002	OC21V	CHLOROFORM	2		UG/L	II	65	65	7.2	7.2	80	
	M-5BAA	05/05/2002	8330N	{ND on all 19} analytes				II	65	65	7.2	7.2		
	M-5BAA	05/05/2002	E314.0	{ND on all 1} analytes				II	65	65	7.2	7.2		
	M-5BAA	05/05/2002	OC21V	CHLOROFORM	2		UG/L	II	65	65	7.2	7.2	80	
	M-5BAA	06/17/2002	8330N	{ND on all 19} analytes				II	65	65	7.2	7.2		
	M-5BAD	06/17/2002	8330N	{ND on all 19} analytes				II	65	65	7.2	7.2		
	M-5BAA	06/17/2002	E314.0	{ND on all 1} analytes				II	65	65	7.2	7.2		
	M-5BAD	06/17/2002	E314.0	{ND on all 1} analytes				II	65	65	7.2	7.2		
	M-5BAA	06/17/2002	OC21V	CHLOROFORM	2		UG/L	II	65	65	7.2	7.2	80	
	M-5BAD	06/17/2002	OC21V	CHLOROFORM	2		UG/L	II	65	65	7.2	7.2	80	
	M-5BAA	07/20/2002	E314.0	{ND on all 1} analytes				II	65	65	7.2	7.2		
	M-5BAA	08/23/2002	E314.0	{ND on all 1} analytes				II	65	65	7.2	7.2		
	M-5BAD	08/23/2002	E314.0	{ND on all 1} analytes				II	65	65	7.2	7.2		
	M-5B-A	09/24/2002	E314.0	{ND on all 1} analytes				II	65	65	7.2	7.2		
	M-5B-A	10/21/2002	8330N	{ND on all 19} analytes				II	65	65	7.2	7.2		
	M-5B-A	10/21/2002	E314.0	{ND on all 1} analytes				3	65	65	7.2	7.2		
	M-5B-A	10/21/2002	OC21V	CHLOROFORM	2		UG/L	II	65	65	7.2	7.2	80	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	M-5B-A	12/18/2002	8330N	{ND on all 19} analytes				II	65	65	7.2	7.2		
	M-5B-A	12/18/2002	E314.0	{ND on all 1} analytes				II	65	65	7.2	7.2		
	M-5B-A	12/18/2002	OC21V	CHLOROFORM	2		UG/L	II	65	65	7.2	7.2	80	
	M-5B-A	01/27/2003	E314.0	{ND on all 1} analytes				II	65	65	7.2	7.2		
	M-5B-A	02/20/2003	E314.0	{ND on all 1} analytes				II	65	65	7.2	7.2		
M-5C	M-5CAA	04/03/2002	8330N	{ND on all 19} analytes				II	75	75	17.2	17.2		
	M-5CAA	04/03/2002	E314.0	{ND on all 1} analytes				II	75	75	17.2	17.2		
	M-5CAA	04/03/2002	OC21V	CHLOROFORM	2		UG/L	II	75	75	17.2	17.2	80	
	M-5CAA	05/05/2002	8330N	{ND on all 19} analytes				II	75	75	17.2	17.2		
	M-5CAA	05/05/2002	E314.0	{ND on all 1} analytes				II	75	75	17.2	17.2		
	M-5CAA	05/05/2002	OC21V	CHLOROFORM	2		UG/L	II	75	75	17.2	17.2	80	
	M-5CAA	06/17/2002	8330N	{ND on all 19} analytes				II	75	75	17.2	17.2		
	M-5CAA	06/17/2002	E314.0	{ND on all 1} analytes				II	75	75	17.2	17.2		
	M-5CAA	06/17/2002	OC21V	CHLOROFORM	1		UG/L	II	75	75	17.2	17.2	80	
	M-5CAA	07/20/2002	E314.0	{ND on all 1} analytes				II	75	75	17.2	17.2		
	M-5CAA	08/23/2002	E314.0	{ND on all 1} analytes				II	75	75	17.2	17.2		
	M-5C-A	09/24/2002	E314.0	{ND on all 1} analytes				II	75	75	17.2	17.2		
	M-5C-A	10/21/2002	8330N	{ND on all 19} analytes				II	75	75	17.2	17.2		
	M-5C-A	10/21/2002	E314.0	{ND on all 1} analytes				3	75	75	17.2	17.2		
	M-5C-A	10/21/2002	OC21V	CHLOROFORM	2		UG/L	II	75	75	17.2	17.2	80	
	M-5C-A	12/18/2002	8330N	{ND on all 19} analytes				II	75	75	17.2	17.2		
	M-5C-A	12/18/2002	E314.0	{ND on all 1} analytes				II	75	75	17.2	17.2		
	M-5C-A	12/18/2002	OC21V	CHLOROFORM	2		UG/L	II	75	75	17.2	17.2	80	
	M-5C-A	01/27/2003	E314.0	{ND on all 1} analytes				II	75	75	17.2	17.2		
	M-5C-A	02/20/2003	E314.0	{ND on all 1} analytes				II	75	75	17.2	17.2		
M-5D	M-5DAA	04/03/2002	8330N	{ND on all 19} analytes				II	85	85	27.2	27.2		
	M-5DAA	04/03/2002	E314.0	{ND on all 1} analytes				II	85	85	27.2	27.2		
	M-5DAA	04/03/2002	OC21V	CHLOROFORM	2		UG/L	II	85	85	27.2	27.2	80	
	M-5DAA	05/05/2002	8330N	{ND on all 19} analytes				II	85	85	27.2	27.2		
	M-5DAA	05/05/2002	E314.0	{ND on all 1} analytes				II	85	85	27.2	27.2		
	M-5DAA	05/05/2002	OC21V	CHLOROFORM	2		UG/L	II	85	85	27.2	27.2	80	
	M-5DAA	06/17/2002	8330N	{ND on all 19} analytes				II	85	85	27.2	27.2		
	M-5DAA	06/17/2002	E314.0	{ND on all 1} analytes				II	85	85	27.2	27.2		
	M-5DAA	06/17/2002	OC21V	CHLOROFORM	2		UG/L	II	85	85	27.2	27.2	80	
	M-5DAA	07/20/2002	E314.0	{ND on all 1} analytes				II	85	85	27.2	27.2		
	M-5DAA	08/23/2002	E314.0	{ND on all 1} analytes				II	85	85	27.2	27.2		
	M-5D-A	09/24/2002	E314.0	{ND on all 1} analytes				II	85	85	27.2	27.2		
	M-5D-A	10/21/2002	8330N	{ND on all 19} analytes				II	85	85	27.2	27.2		
	M-5D-A	10/21/2002	E314.0	{ND on all 1} analytes				3	85	85	27.2	27.2		
	M-5D-A	10/21/2002	OC21V	CHLOROFORM	2		UG/L	II	85	85	27.2	27.2	80	
	M-5D-A	12/18/2002	8330N	{ND on all 19} analytes				II	85	85	27.2	27.2		
	M-5D-A	12/18/2002	E314.0	{ND on all 1} analytes				II	85	85	27.2	27.2		
	M-5D-A	12/18/2002	OC21V	CHLOROFORM	2		UG/L	II	85	85	27.2	27.2	80	
	M-5D-A	01/27/2003	E314.0	{ND on all 1} analytes				II	85	85	27.2	27.2		
	M-5D-A	02/20/2003	E314.0	{ND on all 1} analytes				II	85	85	27.2	27.2		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
M-6B	M-6BAA	03/07/2002	8330N	{ND on all 19} analytes				3	59	59	7.3	7.3		
	M-6BAA	03/07/2002	E314.0	{ND on all 1} analytes				II	59	59	7.3	7.3		
	M-6BAA	04/03/2002	8330N	{ND on all 19} analytes				II	59	59	7.3	7.3		
	M-6BAA	04/03/2002	E314.0	{ND on all 1} analytes				3	59	59	7.3	7.3		
	M-6BAA	04/03/2002	OC21V	ACETONE	1	J	UG/L	II	59	59	7.3	7.3		
	M-6BAA	04/03/2002	OC21V	CHLOROFORM	2		UG/L	II	59	59	7.3	7.3	80	
	M-6BAA	05/12/2002	8330N	{ND on all 19} analytes				II	59	59	7.3	7.3		
	M-6BAA	05/12/2002	E314.0	{ND on all 1} analytes				II	59	59	7.3	7.3		
	M-6BAA	05/12/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	59	59	7.3	7.3	80	
	M-6BAA	06/14/2002	8330N	{ND on all 19} analytes				II	59	59	7.3	7.3		
	M-6BAA	06/14/2002	E314.0	{ND on all 1} analytes				II	59	59	7.3	7.3		
	M-6BAA	06/14/2002	OC21V	CHLOROFORM	1		UG/L	II	59	59	7.3	7.3	80	
	M-6BAA	07/20/2002	E314.0	{ND on all 1} analytes				II	59	59	7.3	7.3		
	M-6B-A	08/17/2002	E314.0	PERCHLORATE	0.44	J	UG/L	3	59	59	7.3	7.3		
	M-6B-A	09/14/2002	E314.0	{ND on all 1} analytes				II	59	59	7.3	7.3		
	M-6B-A	10/16/2002	E314.0	{ND on all 1} analytes				II	59	59	7.3	7.3		
	M-6B-A	10/16/2002	OC21V	CHLOROFORM	2		UG/L	II	59	59	7.3	7.3	80	
	M-6B-A	12/17/2002	E314.0	{ND on all 1} analytes				II	59	59	7.3	7.3		
	M-6B-A	12/17/2002	OC21V	CHLOROFORM	1		UG/L	II	59	59	7.3	7.3	80	
	M-6B-A	01/27/2003	E314.0	{ND on all 1} analytes				II	59	59	7.3	7.3		
	M-6B-A	02/21/2003	E314.0	{ND on all 1} analytes				II	59	59	7.3	7.3		
	M-6B-A	06/05/2003	E314.0	{ND on all 1} analytes				II	59	59	7.3	7.3		
	M-6B-A	09/09/2003	E314.0	{ND on all 1} analytes				3	59	59	7.3	7.3		
	M-6B-A	02/19/2004	E314.0	{ND on all 1} analytes				II	59	59	7.3	7.3		
	M-6B-A	08/09/2004	E314.0	{ND on all 1} analytes				3	59	59	7.3	7.3		
	M-6B-A	09/15/2005	E314.0	{ND on all 1} analytes				3	59	59	7.3	7.3		
M-6C	M-6CAA	03/07/2002	8330N	{ND on all 19} analytes				3	69	69	17.3	17.3		
	M-6CAA	03/07/2002	E314.0	{ND on all 1} analytes				II	69	69	17.3	17.3		
	M-6CAA	04/03/2002	8330N	{ND on all 19} analytes				II	69	69	17.3	17.3		
	M-6CAA	04/03/2002	E314.0	{ND on all 1} analytes				3	69	69	17.3	17.3		
	M-6CAA	04/03/2002	OC21V	CHLOROFORM	2		UG/L	II	69	69	17.3	17.3	80	
	M-6CAA	05/12/2002	8330N	{ND on all 19} analytes				II	69	69	17.3	17.3		
	M-6CAA	05/12/2002	E314.0	{ND on all 1} analytes				II	69	69	17.3	17.3		
	M-6CAA	05/12/2002	OC21V	CHLOROFORM	2		UG/L	II	69	69	17.3	17.3	80	
	M-6CAA	06/14/2002	8330N	{ND on all 19} analytes				II	69	69	17.3	17.3		
	M-6CAA	06/14/2002	E314.0	{ND on all 1} analytes				II	69	69	17.3	17.3		
	M-6CAA	06/14/2002	OC21V	CHLOROFORM	2		UG/L	II	69	69	17.3	17.3	80	
	M-6CAA	07/20/2002	E314.0	{ND on all 1} analytes				II	69	69	17.3	17.3		
	M-6C-A	08/17/2002	E314.0	{ND on all 1} analytes				3	69	69	17.3	17.3		
	M-6C-A	09/14/2002	E314.0	{ND on all 1} analytes				II	69	69	17.3	17.3		
	M-6C-A	10/16/2002	E314.0	PERCHLORATE	0.64	J	UG/L	II	69	69	17.3	17.3		
	M-6C-A	10/16/2002	OC21V	CHLOROFORM	2		UG/L	II	69	69	17.3	17.3	80	
	M-6C-A	12/17/2002	E314.0	{ND on all 1} analytes				II	69	69	17.3	17.3		
	M-6C-A	12/17/2002	OC21V	CHLOROFORM	2		UG/L	II	69	69	17.3	17.3	80	
	M-6C-A	01/27/2003	E314.0	{ND on all 1} analytes				II	69	69	17.3	17.3		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	M-6C-A	02/21/2003	E314.0	{ND on all 1} analytes				II	69	69	17.3	17.3		
	M-6C-A	06/05/2003	E314.0	{ND on all 1} analytes				II	69	69	17.3	17.3		
	M-6C-A	09/09/2003	E314.0	{ND on all 1} analytes				3	69	69	17.3	17.3		
	M-6C-A	02/18/2004	E314.0	{ND on all 1} analytes				II	69	69	17.3	17.3		
	M-6C-A	08/09/2004	E314.0	{ND on all 1} analytes				3	69	69	17.3	17.3		
	M-6C-A	09/15/2005	E314.0	{ND on all 1} analytes				3	69	69	17.3	17.3		
M-6D	M-6DAA	03/03/2002	8330N	{ND on all 19} analytes				II	79	79	27.3	27.3		
	M-6DAA	03/03/2002	E314.0	{ND on all 1} analytes				II	79	79	27.3	27.3		
	M-6DAA	04/03/2002	8330N	{ND on all 19} analytes				II	79	79	27.3	27.3		
	M-6DAA	04/03/2002	E314.0	{ND on all 1} analytes				3	79	79	27.3	27.3		
	M-6DAA	04/03/2002	OC21V	CHLOROFORM	2		UG/L	II	79	79	27.3	27.3	80	
	M-6DAA	05/12/2002	8330N	{ND on all 19} analytes				II	79	79	27.3	27.3		
	M-6DAA	05/12/2002	E314.0	{ND on all 1} analytes				II	79	79	27.3	27.3		
	M-6DAA	05/12/2002	OC21V	CHLOROFORM	2		UG/L	II	79	79	27.3	27.3	80	
	M-6DAA	06/14/2002	8330N	{ND on all 19} analytes				II	79	79	27.3	27.3		
	M-6DAA	06/14/2002	E314.0	{ND on all 1} analytes				II	79	79	27.3	27.3		
	M-6DAA	06/14/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	79	79	27.3	27.3	80	
	M-6DAA	07/20/2002	E314.0	{ND on all 1} analytes				II	79	79	27.3	27.3		
	M-6D-A	08/17/2002	E314.0	{ND on all 1} analytes				3	79	79	27.3	27.3		
	M-6D-A	09/14/2002	E314.0	{ND on all 1} analytes				II	79	79	27.3	27.3		
	M-6D-A	10/15/2002	E314.0	{ND on all 1} analytes				II	79	79	27.3	27.3		
	M-6D-A	10/15/2002	OC21V	CHLOROFORM	2		UG/L	II	79	79	27.3	27.3	80	
	M-6D-A	12/17/2002	E314.0	{ND on all 1} analytes				II	79	79	27.3	27.3		
	M-6D-A	12/17/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	79	79	27.3	27.3	80	
	M-6D-A	01/27/2003	E314.0	{ND on all 1} analytes				II	79	79	27.3	27.3		
	M-6D-A	02/21/2003	E314.0	{ND on all 1} analytes				II	79	79	27.3	27.3		
	M-6D-A	06/05/2003	E314.0	{ND on all 1} analytes				II	79	79	27.3	27.3		
	M-6D-D	06/05/2003	E314.0	{ND on all 1} analytes				II	79	79	27.3	27.3		
	M-6D-A	09/09/2003	E314.0	{ND on all 1} analytes				3	79	79	27.3	27.3		
	M-6D-A	02/18/2004	E314.0	{ND on all 1} analytes				II	79	79	27.3	27.3		
	M-6D-D	02/18/2004	E314.0	{ND on all 1} analytes				II	79	79	27.3	27.3		
	M-6D-A	08/09/2004	E314.0	{ND on all 1} analytes				3	79	79	27.3	27.3		
	M-6D-A	09/15/2005	E314.0	{ND on all 1} analytes				3	79	79	27.3	27.3		
M-7B	M-7BAA	04/04/2002	8330N	{ND on all 19} analytes				II	59	59	2.99	2.99		
	M-7BAD	04/04/2002	8330N	{ND on all 19} analytes				II	59	59	2.99	2.99		
	M-7BAA	04/04/2002	E314.0	{ND on all 1} analytes				3	59	59	2.99	2.99		
	M-7BAD	04/04/2002	E314.0	{ND on all 1} analytes				3	59	59	2.99	2.99		
	M-7BAA	04/04/2002	OC21V	CHLOROFORM	2		UG/L	II	59	59	2.99	2.99	80	
	M-7BAD	04/04/2002	OC21V	ACETONE	2	J	UG/L	II	59	59	2.99	2.99		
	M-7BAD	04/04/2002	OC21V	CHLOROFORM	2		UG/L	II	59	59	2.99	2.99	80	
	M-7BAA	05/06/2002	8330N	{ND on all 19} analytes				II	59	59	2.99	2.99		
	M-7BAA	05/06/2002	E314.0	{ND on all 1} analytes				II	59	59	2.99	2.99		
	M-7BAA	05/06/2002	OC21V	CHLOROFORM	2		UG/L	II	59	59	2.99	2.99	80	
	M-7BAA	06/22/2002	8330N	{ND on all 19} analytes				II	59	59	2.99	2.99		
	M-7BAA	06/22/2002	E314.0	{ND on all 1} analytes				II	59	59	2.99	2.99		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	M-7BAA	06/22/2002	OC21V	CHLOROFORM	2		UG/L	II	59	59	2.99	2.99	80	
	M-7BAA	07/20/2002	E314.0	{ND on all 1} analytes				II	59	59	2.99	2.99		
	M-7BAA	08/21/2002	E314.0	{ND on all 1} analytes				II	59	59	2.99	2.99		
	M-7B-A	09/21/2002	E314.0	{ND on all 1} analytes				II	59	59	2.99	2.99		
	M-7B-A	10/17/2002	8330N	{ND on all 19} analytes				II	59	59	2.99	2.99		
	M-7B-A	10/17/2002	E314.0	{ND on all 1} analytes				II	59	59	2.99	2.99		
	M-7B-A	10/17/2002	OC21V	CHLOROFORM	2		UG/L	II	59	59	2.99	2.99	80	
	M-7B-A	12/17/2002	8330N	{ND on all 19} analytes				II	59	59	2.99	2.99		
	M-7B-A	12/17/2002	E314.0	{ND on all 1} analytes				II	59	59	2.99	2.99		
	M-7B-A	12/17/2002	OC21V	CHLOROFORM	2		UG/L	II	59	59	2.99	2.99	80	
	M-7B-A	01/28/2003	E314.0	{ND on all 1} analytes				II	59	59	2.99	2.99		
	M-7B-A	02/27/2003	E314.0	{ND on all 1} analytes				II	59	59	2.99	2.99		
M-7C	M-7CAA	04/03/2002	8330N	{ND on all 19} analytes				II	65	65	8.99	8.99		
	M-7CAA	04/03/2002	E314.0	{ND on all 1} analytes				3	65	65	8.99	8.99		
	M-7CAA	04/03/2002	OC21V	ACETONE	2	J	UG/L	II	65	65	8.99	8.99		
	M-7CAA	04/03/2002	OC21V	CHLOROFORM	2		UG/L	II	65	65	8.99	8.99	80	
	M-7CAA	05/06/2002	8330N	{ND on all 19} analytes				II	65	65	8.99	8.99		
	M-7CAA	05/06/2002	E314.0	{ND on all 1} analytes				II	65	65	8.99	8.99		
	M-7CAA	05/06/2002	OC21V	CHLOROFORM	2		UG/L	II	65	65	8.99	8.99	80	
	M-7CAA	06/22/2002	8330N	{ND on all 19} analytes				II	65	65	8.99	8.99		
	M-7CAD	06/22/2002	8330N	{ND on all 19} analytes				II	65	65	8.99	8.99		
	M-7CAA	06/22/2002	E314.0	{ND on all 1} analytes				II	65	65	8.99	8.99		
	M-7CAD	06/22/2002	E314.0	{ND on all 1} analytes				II	65	65	8.99	8.99		
	M-7CAA	06/22/2002	OC21V	CHLOROFORM	2		UG/L	II	65	65	8.99	8.99	80	
	M-7CAD	06/22/2002	OC21V	CHLOROFORM	2		UG/L	II	65	65	8.99	8.99	80	
	M-7CAA	07/20/2002	E314.0	{ND on all 1} analytes				II	65	65	8.99	8.99		
	M-7CAA	08/21/2002	E314.0	{ND on all 1} analytes				II	65	65	8.99	8.99		
	M-7C-A	09/21/2002	E314.0	{ND on all 1} analytes				II	65	65	8.99	8.99		
	M-7C-A	10/17/2002	8330N	{ND on all 19} analytes				II	65	65	8.99	8.99		
	M-7C-A	10/17/2002	E314.0	{ND on all 1} analytes				II	65	65	8.99	8.99		
	M-7C-A	10/17/2002	OC21V	CHLOROFORM	2		UG/L	II	65	65	8.99	8.99	80	
	M-7C-A	12/17/2002	8330N	{ND on all 19} analytes				II	65	65	8.99	8.99		
	M-7C-A	12/17/2002	E314.0	{ND on all 1} analytes				II	65	65	8.99	8.99		
	M-7C-A	12/17/2002	OC21V	CHLOROFORM	2		UG/L	II	65	65	8.99	8.99	80	
	M-7C-A	01/28/2003	E314.0	{ND on all 1} analytes				II	65	65	8.99	8.99		
	M-7C-A	02/27/2003	E314.0	{ND on all 1} analytes				II	65	65	8.99	8.99		
M-7D	M-7DAA	04/03/2002	8330N	{ND on all 19} analytes				II	75	75	17.6	17.6		
	M-7DAA	04/03/2002	E314.0	{ND on all 1} analytes				3	75	75	17.6	17.6		
	M-7DAA	04/03/2002	OC21V	CHLOROFORM	2		UG/L	II	75	75	17.6	17.6	80	
	M-7DAA	05/06/2002	8330N	{ND on all 19} analytes				II	75	75	17.6	17.6		
	M-7DAA	05/06/2002	E314.0	{ND on all 1} analytes				II	75	75	17.6	17.6		
	M-7DAA	05/06/2002	OC21V	CHLOROFORM	2		UG/L	II	75	75	17.6	17.6	80	
	M-7DAA	06/22/2002	8330N	{ND on all 19} analytes				II	75	75	17.6	17.6		
	M-7DAA	06/22/2002	E314.0	{ND on all 1} analytes				II	75	75	17.6	17.6		
	M-7DAA	06/22/2002	OC21V	CHLOROFORM	2		UG/L	II	75	75	17.6	17.6	80	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	M-7DAA	07/20/2002	E314.0	{ND on all 1} analytes				II	75	75	17.6	17.6		
	M-7DAA	08/21/2002	E314.0	{ND on all 1} analytes				II	75	75	17.6	17.6		
	M-7D-A	09/21/2002	E314.0	{ND on all 1} analytes				II	75	75	17.6	17.6		
	M-7D-A	10/14/2002	8330N	{ND on all 19} analytes				II	75	75	17.6	17.6		
	M-7D-A	10/14/2002	E314.0	{ND on all 1} analytes				3	75	75	17.6	17.6		
	M-7D-A	10/14/2002	OC21V	CHLOROFORM	2		UG/L	II	75	75	17.6	17.6	80	
	M-7D-A	12/17/2002	8330N	{ND on all 19} analytes				II	75	75	17.6	17.6		
	M-7D-A	12/17/2002	E314.0	{ND on all 1} analytes				II	75	75	17.6	17.6		
	M-7D-A	12/17/2002	OC21V	CHLOROFORM	2		UG/L	II	75	75	17.6	17.6	80	
	M-7D-A	01/27/2003	E314.0	{ND on all 1} analytes				II	75	75	17.6	17.6		
	M-7D-D	01/27/2003	E314.0	{ND on all 1} analytes				II	75	75	17.6	17.6		
	M-7D-A	02/27/2003	E314.0	{ND on all 1} analytes				II	75	75	17.6	17.6		
	M-7D-D	02/27/2003	E314.0	{ND on all 1} analytes				II	75	75	17.6	17.6		
LRWS2-3	WL23XA	11/21/1997	130.2	HARDNESS (AS CACO3)	9		MG/L	II	147.53	157.53	68	83		
	WL23XL	11/21/1997	130.2	HARDNESS (AS CACO3)	10		MG/L	II	147.53	157.53	68	83		
	WL23XA	11/21/1997	300.0	CHLORIDE (AS CL)	7.8		MG/L	II	147.53	157.53	68	83		
	WL23XA	11/21/1997	300.0	SULFATE (AS SO4)	4.9		MG/L	II	147.53	157.53	68	83		
	WL23XA	11/21/1997	310.1	ALKALINITY, BICARBONATE (AS C	8		MG/L	II	147.53	157.53	68	83		
	WL23XA	11/21/1997	310.1	ALKALINITY, TOTAL (AS CACO3)	8		MG/L	II	147.53	157.53	68	83		
	WL23XA	11/21/1997	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.03	J	MG/L	II	147.53	157.53	68	83		
	WL23XA	11/21/1997	504	{ND on all 1} analytes				II	147.53	157.53	68	83		
	WL23XA	11/21/1997	8151	{ND on all 13} analytes				II	147.53	157.53	68	83		
	WL23XA	11/21/1997	350.2M	{ND on all 1} analytes				II	147.53	157.53	68	83		
	WL23XA	11/21/1997	353.2M	NITRATE/NITRITE (AS N)	0.03	J	MG/L	II	147.53	157.53	68	83	10	
	WL23XA	11/21/1997	8021W	{ND on all 1} analytes				II	147.53	157.53	68	83		
	WL23XA	11/21/1997	8330N	{ND on all 19} analytes				II	147.53	157.53	68	83		
	WL23XA	11/21/1997	CYAN	{ND on all 1} analytes				II	147.53	157.53	68	83		
	WL23XA	11/21/1997	IM40	CALCIUM	1960		UG/L	II	147.53	157.53	68	83		
	WL23XL	11/21/1997	IM40	CALCIUM	1940		UG/L	II	147.53	157.53	68	83		
	WL23XA	11/21/1997	IM40	IRON	41	J	UG/L	II	147.53	157.53	68	83		
	WL23XL	11/21/1997	IM40	IRON	29.9	J	UG/L	II	147.53	157.53	68	83		
	WL23XA	11/21/1997	IM40	MAGNESIUM	1120		UG/L	II	147.53	157.53	68	83		
	WL23XL	11/21/1997	IM40	MAGNESIUM	1080		UG/L	II	147.53	157.53	68	83		
	WL23XA	11/21/1997	IM40	MANGANESE	4.9		UG/L	II	147.53	157.53	68	83		
	WL23XL	11/21/1997	IM40	MANGANESE	1.5		UG/L	II	147.53	157.53	68	83		
	WL23XA	11/21/1997	IM40	POTASSIUM	674		UG/L	II	147.53	157.53	68	83		
	WL23XL	11/21/1997	IM40	POTASSIUM	659		UG/L	II	147.53	157.53	68	83		
	WL23XA	11/21/1997	IM40	SODIUM	5510		UG/L	II	147.53	157.53	68	83	20000	
	WL23XL	11/21/1997	IM40	SODIUM	5400		UG/L	II	147.53	157.53	68	83	20000	
	WL23XA	11/21/1997	IM40	ZINC	5	J	UG/L	II	147.53	157.53	68	83	2000	
	WL23XL	11/21/1997	IM40	ZINC	32.5		UG/L	II	147.53	157.53	68	83	2000	
	WL23XA	11/21/1997	IM40HD	{ND on all 1} analytes				II	147.53	157.53	68	83		
	WL23XL	11/21/1997	IM40HD	{ND on all 1} analytes				II	147.53	157.53	68	83		
	WL23XA	11/21/1997	IM40HG	{ND on all 1} analytes				II	147.53	157.53	68	83		
	WL23XL	11/21/1997	IM40HG	{ND on all 1} analytes				II	147.53	157.53	68	83		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	WL23XA	11/21/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	20	J	UG/L	II	147.53	157.53	68	83	6	X
	WL23XA	11/21/1997	OC21V	{ND on all 39} analytes				II	147.53	157.53	68	83		
	WL23XA	11/21/1997	OL21P	{ND on all 28} analytes				II	147.53	157.53	68	83		
	WL23XA	11/21/1997	TOC	TOTAL ORGANIC CARBON	0.6	J	MG/L	II	147.53	157.53	68	83		
	LRWS2-3	08/24/1998	8330N	2,4,6-TRINITROTOLUENE	0	*	UG/L	V	147.53	157.53	68	83	2	
	WL23XA	01/08/1999	300.0	CHLORIDE (AS CL)	9.2		MG/L	II	147.53	157.53	68	83		
	WL23XA	01/08/1999	300.0	SULFATE (AS SO4)	5.3		MG/L	II	147.53	157.53	68	83		
	WL23XA	01/08/1999	310.1	ALKALINITY, BICARBONATE (AS C	6		MG/L	II	147.53	157.53	68	83		
	WL23XA	01/08/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	6		MG/L	II	147.53	157.53	68	83		
	WL23XA	01/08/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.04	J	MG/L	II	147.53	157.53	68	83		
	WL23XA	01/08/1999	504	{ND on all 1} analytes				II	147.53	157.53	68	83		
	WL23XA	01/08/1999	8151	CHLORAMBEN	0.15	J	UG/L	II	147.53	157.53	68	83	100	
	WL23XA	01/08/1999	350.2M	NITROGEN, AMMONIA (AS N)	0.02	J	MG/L	II	147.53	157.53	68	83	30	
	WL23XA	01/08/1999	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	147.53	157.53	68	83	10	
	WL23XA	01/08/1999	8021W	{ND on all 1} analytes				II	147.53	157.53	68	83		
	WL23XA	01/08/1999	8330N	{ND on all 19} analytes				II	147.53	157.53	68	83		
	WL23XA	01/08/1999	CYAN	{ND on all 1} analytes				II	147.53	157.53	68	83		
	WL23XA	01/08/1999	IM40HD	{ND on all 1} analytes				II	147.53	157.53	68	83		
	WL23XL	01/08/1999	IM40HD	{ND on all 1} analytes				II	147.53	157.53	68	83		
	WL23XA	01/08/1999	IM40HG	{ND on all 1} analytes				II	147.53	157.53	68	83		
	WL23XL	01/08/1999	IM40HG	{ND on all 1} analytes				II	147.53	157.53	68	83		
	WL23XA	01/08/1999	IM40MB	CALCIUM	2450		UG/L	II	147.53	157.53	68	83		
	WL23XL	01/08/1999	IM40MB	CALCIUM	2200		UG/L	II	147.53	157.53	68	83		
	WL23XA	01/08/1999	IM40MB	IRON	158		UG/L	II	147.53	157.53	68	83		
	WL23XA	01/08/1999	IM40MB	MAGNESIUM	1250		UG/L	II	147.53	157.53	68	83		
	WL23XL	01/08/1999	IM40MB	MAGNESIUM	1180		UG/L	II	147.53	157.53	68	83		
	WL23XA	01/08/1999	IM40MB	MANGANESE	6.2		UG/L	II	147.53	157.53	68	83		
	WL23XA	01/08/1999	IM40MB	SODIUM	6400		UG/L	II	147.53	157.53	68	83	20000	
	WL23XL	01/08/1999	IM40MB	SODIUM	6220		UG/L	II	147.53	157.53	68	83	20000	
	WL23XA	01/08/1999	IM40MB	ZINC	3.7	J	UG/L	II	147.53	157.53	68	83	2000	
	WL23XL	01/08/1999	IM40MB	ZINC	2.1	J	UG/L	II	147.53	157.53	68	83	2000	
	WL23XA	01/08/1999	OC21B	{ND on all 64} analytes				II	147.53	157.53	68	83		
	WL23XA	01/08/1999	OC21V	CHLOROFORM	2		UG/L	II	147.53	157.53	68	83	80	
	WL23XA	01/08/1999	OL21P	{ND on all 28} analytes				II	147.53	157.53	68	83		
	WL23XA	01/08/1999	TOC	{ND on all 1} analytes				II	147.53	157.53	68	83		
	WL23XA	09/30/1999	300.0	CHLORIDE (AS CL)	9.8		MG/L	II	147.53	157.53	68	83		
	WL23XD	09/30/1999	300.0	CHLORIDE (AS CL)	9.9		MG/L	II	147.53	157.53	68	83		
	WL23XA	09/30/1999	300.0	SULFATE (AS SO4)	5.3		MG/L	II	147.53	157.53	68	83		
	WL23XD	09/30/1999	300.0	SULFATE (AS SO4)	5.4		MG/L	II	147.53	157.53	68	83		
	WL23XA	09/30/1999	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	147.53	157.53	68	83		
	WL23XD	09/30/1999	310.1	ALKALINITY, BICARBONATE (AS C	8		MG/L	II	147.53	157.53	68	83		
	WL23XA	09/30/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	147.53	157.53	68	83		
	WL23XD	09/30/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	8		MG/L	II	147.53	157.53	68	83		
	WL23XA	09/30/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.04		MG/L	II	147.53	157.53	68	83		
	WL23XD	09/30/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.04		MG/L	II	147.53	157.53	68	83		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	WL23XA	09/30/1999	504	{ND on all 1} analytes				II	147.53	157.53	68	83		
	WL23XD	09/30/1999	504	{ND on all 1} analytes				II	147.53	157.53	68	83		
	WL23XA	09/30/1999	8151	{ND on all 18} analytes				II	147.53	157.53	68	83		
	WL23XD	09/30/1999	8151	{ND on all 18} analytes				II	147.53	157.53	68	83		
	WL23XA	09/30/1999	350.2M	{ND on all 1} analytes				II	147.53	157.53	68	83		
	WL23XD	09/30/1999	350.2M	{ND on all 1} analytes				II	147.53	157.53	68	83		
	WL23XA	09/30/1999	353.2M	NITRATE/NITRITE (AS N)	0.03		MG/L	II	147.53	157.53	68	83	10	
	WL23XD	09/30/1999	353.2M	NITRATE/NITRITE (AS N)	0.03		MG/L	II	147.53	157.53	68	83	10	
	WL23XA	09/30/1999	8021W	{ND on all 1} analytes				II	147.53	157.53	68	83		
	WL23XD	09/30/1999	8021W	{ND on all 1} analytes				II	147.53	157.53	68	83		
	WL23XA	09/30/1999	8330N	{ND on all 18} analytes				II	147.53	157.53	68	83		
	WL23XD	09/30/1999	8330N	{ND on all 18} analytes				II	147.53	157.53	68	83		
	WL23XA	09/30/1999	CYAN	{ND on all 1} analytes				II	147.53	157.53	68	83		
	WL23XD	09/30/1999	CYAN	{ND on all 1} analytes				II	147.53	157.53	68	83		
	WL23XA	09/30/1999	IM40HD	{ND on all 1} analytes				II	147.53	157.53	68	83		
	WL23XD	09/30/1999	IM40HD	{ND on all 1} analytes				II	147.53	157.53	68	83		
	WL23XA	09/30/1999	IM40HG	{ND on all 1} analytes				II	147.53	157.53	68	83		
	WL23XD	09/30/1999	IM40HG	{ND on all 1} analytes				II	147.53	157.53	68	83		
	WL23XA	09/30/1999	IM40MB	CALCIUM	2280		UG/L	II	147.53	157.53	68	83		
	WL23XD	09/30/1999	IM40MB	CALCIUM	2290		UG/L	II	147.53	157.53	68	83		
	WL23XA	09/30/1999	IM40MB	MAGNESIUM	1240		UG/L	II	147.53	157.53	68	83		
	WL23XD	09/30/1999	IM40MB	MAGNESIUM	1230		UG/L	II	147.53	157.53	68	83		
	WL23XA	09/30/1999	IM40MB	NICKEL	1.7	J	UG/L	II	147.53	157.53	68	83	100	
	WL23XA	09/30/1999	IM40MB	POTASSIUM	749		UG/L	II	147.53	157.53	68	83		
	WL23XD	09/30/1999	IM40MB	POTASSIUM	739		UG/L	II	147.53	157.53	68	83		
	WL23XA	09/30/1999	IM40MB	SODIUM	6080		UG/L	II	147.53	157.53	68	83	20000	
	WL23XD	09/30/1999	IM40MB	SODIUM	6180		UG/L	II	147.53	157.53	68	83	20000	
	WL23XA	09/30/1999	IM40MB	ZINC	1.9	J	UG/L	II	147.53	157.53	68	83	2000	
	WL23XD	09/30/1999	IM40MB	ZINC	4	J	UG/L	II	147.53	157.53	68	83	2000	
	WL23XD	09/30/1999	OC21B	{ND on all 64} analytes				II	147.53	157.53	68	83		
	WL23XA	09/30/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	5	J	UG/L	II	147.53	157.53	68	83	6	
	WL23XA	09/30/1999	OC21V	CHLOROFORM	2		UG/L	II	147.53	157.53	68	83	80	
	WL23XD	09/30/1999	OC21V	CHLOROFORM	1		UG/L	II	147.53	157.53	68	83	80	
	WL23XA	09/30/1999	OL21P	{ND on all 28} analytes				II	147.53	157.53	68	83		
	WL23XD	09/30/1999	OL21P	{ND on all 28} analytes				II	147.53	157.53	68	83		
	WL23XA	09/30/1999	TOC	{ND on all 1} analytes				II	147.53	157.53	68	83		
	WL23XD	09/30/1999	TOC	TOTAL ORGANIC CARBON	1.2		MG/L	II	147.53	157.53	68	83		
	LRWS2-3	06/15/2000	8151	{ND on all 17} analytes				II	147.53	157.53	68	83		
	LRWS2-3	08/24/2000	8151	{ND on all 17} analytes				II	147.53	157.53	68	83		
	LRWS2-3	12/22/2000	8151	{ND on all 15} analytes				II	147.53	157.53	68	83		
LRWS2-6	WL26LD	10/20/1997	130.2	HARDNESS (AS CACO3)	13		MG/L	II	148.39	158.39	75	90		
	WL26XA	10/20/1997	130.2	HARDNESS (AS CACO3)	13		MG/L	II	148.39	158.39	75	90		
	WL26XD	10/20/1997	130.2	HARDNESS (AS CACO3)	13		MG/L	II	148.39	158.39	75	90		
	WL26XL	10/20/1997	130.2	HARDNESS (AS CACO3)	12		MG/L	II	148.39	158.39	75	90		
	WL26XA	10/20/1997	300.0	CHLORIDE (AS CL)	8.2		MG/L	II	148.39	158.39	75	90		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	WL26XD	10/20/1997	300.0	CHLORIDE (AS CL)	8.1		MG/L	II	148.39	158.39	75	90		
	WL26XA	10/20/1997	300.0	SULFATE (AS SO4)	5.7		MG/L	II	148.39	158.39	75	90		
	WL26XD	10/20/1997	300.0	SULFATE (AS SO4)	5.6		MG/L	II	148.39	158.39	75	90		
	WL26XA	10/20/1997	310.1	{ND on all 4} analytes				II	148.39	158.39	75	90		
	WL26XD	10/20/1997	310.1	ALKALINITY, BICARBONATE (AS C	10		MG/L	II	148.39	158.39	75	90		
	WL26XD	10/20/1997	310.1	ALKALINITY, TOTAL (AS CACO3)	10		MG/L	II	148.39	158.39	75	90		
	WL26XA	10/20/1997	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.05	J	MG/L	II	148.39	158.39	75	90		
	WL26XD	10/20/1997	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.05	J	MG/L	II	148.39	158.39	75	90		
	WL26XA	10/20/1997	504	{ND on all 1} analytes				II	148.39	158.39	75	90		
	WL26XD	10/20/1997	504	{ND on all 1} analytes				II	148.39	158.39	75	90		
	WL26XA	10/20/1997	8151	{ND on all 15} analytes				II	148.39	158.39	75	90		
	WL26XD	10/20/1997	8151	{ND on all 15} analytes				II	148.39	158.39	75	90		
	WL26XA	10/20/1997	8330	{ND on all 18} analytes				II	148.39	158.39	75	90		
	WL26XD	10/20/1997	8330	{ND on all 18} analytes				II	148.39	158.39	75	90		
	WL26XA	10/20/1997	350.2M	NITROGEN, AMMONIA (AS N)	0.03	J	MG/L	II	148.39	158.39	75	90	30	
	WL26XD	10/20/1997	350.2M	NITROGEN, AMMONIA (AS N)	0.04	J	MG/L	II	148.39	158.39	75	90	30	
	WL26XA	10/20/1997	353.2M	NITRATE/NITRITE (AS N)	0.02	J	MG/L	II	148.39	158.39	75	90	10	
	WL26XD	10/20/1997	353.2M	NITRATE/NITRITE (AS N)	0.02	J	MG/L	II	148.39	158.39	75	90	10	
	WL26XA	10/20/1997	8021W	{ND on all 1} analytes				II	148.39	158.39	75	90		
	WL26XD	10/20/1997	8021W	{ND on all 1} analytes				II	148.39	158.39	75	90		
	WL26XA	10/20/1997	CYAN	{ND on all 1} analytes				II	148.39	158.39	75	90		
	WL26XD	10/20/1997	CYAN	{ND on all 1} analytes				II	148.39	158.39	75	90		
	WL26LD	10/20/1997	IM40	CADMIUM	1.6		UG/L	II	148.39	158.39	75	90	5	
	WL26LD	10/20/1997	IM40	CALCIUM	2980		UG/L	II	148.39	158.39	75	90		
	WL26XA	10/20/1997	IM40	CALCIUM	2840		UG/L	II	148.39	158.39	75	90		
	WL26XD	10/20/1997	IM40	CALCIUM	2930		UG/L	II	148.39	158.39	75	90		
	WL26XL	10/20/1997	IM40	CALCIUM	2950		UG/L	II	148.39	158.39	75	90		
	WL26LD	10/20/1997	IM40	MAGNESIUM	1420		UG/L	II	148.39	158.39	75	90		
	WL26XA	10/20/1997	IM40	MAGNESIUM	1350		UG/L	II	148.39	158.39	75	90		
	WL26XD	10/20/1997	IM40	MAGNESIUM	1390		UG/L	II	148.39	158.39	75	90		
	WL26XL	10/20/1997	IM40	MAGNESIUM	1400		UG/L	II	148.39	158.39	75	90		
	WL26XA	10/20/1997	IM40	MANGANESE	0.4	J	UG/L	II	148.39	158.39	75	90		
	WL26LD	10/20/1997	IM40	POTASSIUM	982		UG/L	II	148.39	158.39	75	90		
	WL26XA	10/20/1997	IM40	POTASSIUM	876		UG/L	II	148.39	158.39	75	90		
	WL26XD	10/20/1997	IM40	POTASSIUM	939		UG/L	II	148.39	158.39	75	90		
	WL26XL	10/20/1997	IM40	POTASSIUM	898		UG/L	II	148.39	158.39	75	90		
	WL26LD	10/20/1997	IM40	SODIUM	6660		UG/L	II	148.39	158.39	75	90	20000	
	WL26XA	10/20/1997	IM40	SODIUM	6390		UG/L	II	148.39	158.39	75	90	20000	
	WL26XD	10/20/1997	IM40	SODIUM	6570		UG/L	II	148.39	158.39	75	90	20000	
	WL26XL	10/20/1997	IM40	SODIUM	6590		UG/L	II	148.39	158.39	75	90	20000	
	WL26LD	10/20/1997	IM40HD	{ND on all 1} analytes				II	148.39	158.39	75	90		
	WL26XA	10/20/1997	IM40HD	{ND on all 1} analytes				II	148.39	158.39	75	90		
	WL26XD	10/20/1997	IM40HD	{ND on all 1} analytes				II	148.39	158.39	75	90		
	WL26XL	10/20/1997	IM40HD	{ND on all 1} analytes				II	148.39	158.39	75	90		
	WL26LD	10/20/1997	IM40HG	{ND on all 1} analytes				II	148.39	158.39	75	90		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	WL26XA	10/20/1997	IM40HG	{ND on all 1} analytes				II	148.39	158.39	75	90		
	WL26XD	10/20/1997	IM40HG	{ND on all 1} analytes				II	148.39	158.39	75	90		
	WL26XL	10/20/1997	IM40HG	{ND on all 1} analytes				II	148.39	158.39	75	90		
	WL26XA	10/20/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	21		UG/L	II	148.39	158.39	75	90	6	X
	WL26XD	10/20/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	3	J	UG/L	II	148.39	158.39	75	90	6	
	WL26XA	10/20/1997	OC21V	CHLOROFORM	0.9	J	UG/L	II	148.39	158.39	75	90	80	
	WL26XD	10/20/1997	OC21V	CHLOROFORM	0.9	J	UG/L	II	148.39	158.39	75	90	80	
	WL26XA	10/20/1997	OL21P	{ND on all 28} analytes				II	148.39	158.39	75	90		
	WL26XD	10/20/1997	OL21P	{ND on all 28} analytes				II	148.39	158.39	75	90		
	WL26XA	10/20/1997	TOC	{ND on all 1} analytes				II	148.39	158.39	75	90		
	WL26XD	10/20/1997	TOC	{ND on all 1} analytes				II	148.39	158.39	75	90		
	WL26XA	01/22/1999	300.0	CHLORIDE (AS CL)	11.1		MG/L	II	148.39	158.39	75	90		
	WL26XA	01/22/1999	300.0	SULFATE (AS SO4)	4.5		MG/L	II	148.39	158.39	75	90		
	WL26XA	01/22/1999	310.1	ALKALINITY, BICARBONATE (AS C	9	J	MG/L	II	148.39	158.39	75	90		
	WL26XA	01/22/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	9	J	MG/L	II	148.39	158.39	75	90		
	WL26XA	01/22/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.04	J	MG/L	II	148.39	158.39	75	90		
	WL26XA	01/22/1999	504	{ND on all 1} analytes				II	148.39	158.39	75	90		
	WL26XA	01/22/1999	8151	{ND on all 18} analytes				II	148.39	158.39	75	90		
	WL26XA	01/22/1999	350.2M	{ND on all 1} analytes				II	148.39	158.39	75	90		
	WL26XA	01/22/1999	353.2M	NITRATE/NITRITE (AS N)	0.09		MG/L	II	148.39	158.39	75	90	10	
	WL26XA	01/22/1999	8021W	{ND on all 1} analytes				II	148.39	158.39	75	90		
	WL26XA	01/22/1999	8330N	{ND on all 19} analytes				II	148.39	158.39	75	90		
	WL26XA	01/22/1999	CYAN	{ND on all 1} analytes				3	148.39	158.39	75	90		
	WL26XA	01/22/1999	IM40HD	{ND on all 1} analytes				II	148.39	158.39	75	90		
	WL26XL	01/22/1999	IM40HD	{ND on all 1} analytes				II	148.39	158.39	75	90		
	WL26XA	01/22/1999	IM40HG	{ND on all 1} analytes				3	148.39	158.39	75	90		
	WL26XL	01/22/1999	IM40HG	{ND on all 1} analytes				3	148.39	158.39	75	90		
	WL26XA	01/22/1999	IM40MB	ARSENIC	2.5	J	UG/L	3	148.39	158.39	75	90	10	
	WL26XA	01/22/1999	IM40MB	CALCIUM	3340		UG/L	3	148.39	158.39	75	90		
	WL26XL	01/22/1999	IM40MB	CALCIUM	3280		UG/L	3	148.39	158.39	75	90		
	WL26XA	01/22/1999	IM40MB	MAGNESIUM	1540		UG/L	3	148.39	158.39	75	90		
	WL26XL	01/22/1999	IM40MB	MAGNESIUM	1560		UG/L	3	148.39	158.39	75	90		
	WL26XA	01/22/1999	IM40MB	POTASSIUM	805		UG/L	3	148.39	158.39	75	90		
	WL26XL	01/22/1999	IM40MB	POTASSIUM	804		UG/L	3	148.39	158.39	75	90		
	WL26XA	01/22/1999	IM40MB	SODIUM	6310		UG/L	3	148.39	158.39	75	90	20000	
	WL26XL	01/22/1999	IM40MB	SODIUM	6520		UG/L	3	148.39	158.39	75	90	20000	
	WL26XA	01/22/1999	OC21B	{ND on all 64} analytes				II	148.39	158.39	75	90		
	WL26XA	01/22/1999	OC21V	CHLOROFORM	2		UG/L	II	148.39	158.39	75	90	80	
	WL26XA	01/22/1999	OL21P	{ND on all 28} analytes				II	148.39	158.39	75	90		
	WL26XA	01/22/1999	TOC	{ND on all 1} analytes				II	148.39	158.39	75	90		
	WL26XA	10/04/1999	300.0	CHLORIDE (AS CL)	12.3		MG/L	II	148.39	158.39	75	90		
	WL26XA	10/04/1999	300.0	SULFATE (AS SO4)	4.6		MG/L	II	148.39	158.39	75	90		
	WL26XA	10/04/1999	310.1	ALKALINITY, BICARBONATE (AS C	8		MG/L	II	148.39	158.39	75	90		
	WL26XA	10/04/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	8		MG/L	II	148.39	158.39	75	90		
	WL26XA	10/04/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.04		MG/L	II	148.39	158.39	75	90		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	WL26XA	10/04/1999	504	{ND on all 1} analytes				II	148.39	158.39	75	90		
	WL26XA	10/04/1999	8151	{ND on all 17} analytes				II	148.39	158.39	75	90		
	WL26XA	10/04/1999	350.2M	{ND on all 1} analytes				II	148.39	158.39	75	90		
	WL26XA	10/04/1999	353.2M	NITRATE/NITRITE (AS N)	0.02	J	MG/L	II	148.39	158.39	75	90	10	
	WL26XA	10/04/1999	8021W	{ND on all 1} analytes				II	148.39	158.39	75	90		
	WL26XA	10/04/1999	8330N	{ND on all 18} analytes				II	148.39	158.39	75	90		
	WL26XA	10/04/1999	CYAN	{ND on all 1} analytes				II	148.39	158.39	75	90		
	WL26XA	10/04/1999	IM40HD	{ND on all 1} analytes				II	148.39	158.39	75	90		
	WL26XA	10/04/1999	IM40HG	{ND on all 1} analytes				II	148.39	158.39	75	90		
	WL26XA	10/04/1999	IM40MB	CALCIUM	2920		UG/L	II	148.39	158.39	75	90		
	WL26XA	10/04/1999	IM40MB	MAGNESIUM	1430		UG/L	II	148.39	158.39	75	90		
	WL26XA	10/04/1999	IM40MB	POTASSIUM	831		UG/L	II	148.39	158.39	75	90		
	WL26XA	10/04/1999	IM40MB	SODIUM	6280		UG/L	II	148.39	158.39	75	90	20000	
	WL26XA	10/04/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	9	J	UG/L	II	148.39	158.39	75	90	6	X
	WL26XA	10/04/1999	OC21V	CHLOROFORM	2		UG/L	II	148.39	158.39	75	90	80	
	WL26XA	10/04/1999	OL21P	{ND on all 28} analytes				II	148.39	158.39	75	90		
	WL26XA	10/04/1999	TOC	{ND on all 1} analytes				II	148.39	158.39	75	90		
MW-21D	W21DDA	10/14/1997	130.2	HARDNESS (AS CACO3)	21		MG/L	II	302	312	134	144		
	W21DDL	10/14/1997	130.2	HARDNESS (AS CACO3)	19		MG/L	II	302	312	134	144		
	W21DDA	10/14/1997	300.0	CHLORIDE (AS CL)	8.2		MG/L	II	302	312	134	144		
	W21DDA	10/14/1997	300.0	SULFATE (AS SO4)	7.2		MG/L	II	302	312	134	144		
	W21DDA	10/14/1997	310.1	ALKALINITY, BICARBONATE (AS C	17		MG/L	II	302	312	134	144		
	W21DDA	10/14/1997	310.1	ALKALINITY, TOTAL (AS CACO3)	17		MG/L	II	302	312	134	144		
	W21DDA	10/14/1997	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.23	J	MG/L	II	302	312	134	144		
	W21DDA	10/14/1997	504	{ND on all 1} analytes				II	302	312	134	144		
	W21DDA	10/14/1997	8151	{ND on all 14} analytes				II	302	312	134	144		
	W21DDA	10/14/1997	8330	{ND on all 18} analytes				II	302	312	134	144		
	W21DDA	10/14/1997	350.2M	NITROGEN, AMMONIA (AS N)	0.03	J	MG/L	II	302	312	134	144	30	
	W21DDA	10/14/1997	353.2M	NITRATE/NITRITE (AS N)	0.02	J	MG/L	II	302	312	134	144	10	
	W21DDA	10/14/1997	8021W	{ND on all 1} analytes				II	302	312	134	144		
	W21DDA	10/14/1997	CYAN	{ND on all 1} analytes				II	302	312	134	144		
	W21DDA	10/14/1997	IM40	ALUMINUM	2190		UG/L	II	302	312	134	144		
	W21DDL	10/14/1997	IM40	ALUMINUM	205		UG/L	II	302	312	134	144		
	W21DDA	10/14/1997	IM40	BARIUM	23.7		UG/L	II	302	312	134	144	2000	
	W21DDL	10/14/1997	IM40	BARIUM	9.2		UG/L	II	302	312	134	144	2000	
	W21DDA	10/14/1997	IM40	BERYLLIUM	0.14	J	UG/L	II	302	312	134	144	4	
	W21DDA	10/14/1997	IM40	CALCIUM	4670		UG/L	II	302	312	134	144		
	W21DDL	10/14/1997	IM40	CALCIUM	4270		UG/L	II	302	312	134	144		
	W21DDA	10/14/1997	IM40	CHROMIUM, TOTAL	6.4		UG/L	II	302	312	134	144	100	
	W21DDA	10/14/1997	IM40	COBALT	1.8	J	UG/L	II	302	312	134	144		
	W21DDA	10/14/1997	IM40	COPPER	2.9	J	UG/L	II	302	312	134	144	1300	
	W21DDA	10/14/1997	IM40	IRON	3110		UG/L	II	302	312	134	144		
	W21DDL	10/14/1997	IM40	IRON	228		UG/L	II	302	312	134	144		
	W21DDA	10/14/1997	IM40	MAGNESIUM	2210		UG/L	II	302	312	134	144		
	W21DDL	10/14/1997	IM40	MAGNESIUM	1640		UG/L	II	302	312	134	144		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W21DDA	10/14/1997	IM40	MANGANESE	210		UG/L	II	302	312	134	144		
	W21DDL	10/14/1997	IM40	MANGANESE	165		UG/L	II	302	312	134	144		
	W21DDA	10/14/1997	IM40	POTASSIUM	2070		UG/L	II	302	312	134	144		
	W21DDL	10/14/1997	IM40	POTASSIUM	1460		UG/L	II	302	312	134	144		
	W21DDA	10/14/1997	IM40	SODIUM	7660		UG/L	II	302	312	134	144	20000	
	W21DDL	10/14/1997	IM40	SODIUM	7830		UG/L	II	302	312	134	144	20000	
	W21DDA	10/14/1997	IM40	VANADIUM	5.7		UG/L	II	302	312	134	144		
	W21DDL	10/14/1997	IM40	VANADIUM	1.3	J	UG/L	II	302	312	134	144		
	W21DDA	10/14/1997	IM40HD	{ND on all 1} analytes				NV	302	312	134	144		
	W21DDL	10/14/1997	IM40HD	{ND on all 1} analytes				NV	302	312	134	144		
	W21DDA	10/14/1997	IM40HG	{ND on all 1} analytes				II	302	312	134	144		
	W21DDL	10/14/1997	IM40HG	{ND on all 1} analytes				II	302	312	134	144		
	W21DDA	10/14/1997	OC21B	{ND on all 61} analytes				II	302	312	134	144		
	W21DDA	10/14/1997	OC21V	CHLOROFORM	0.7	J	UG/L	II	302	312	134	144	80	
	W21DDA	10/14/1997	OL21P	{ND on all 28} analytes				II	302	312	134	144		
	W21DDA	10/14/1997	TOC	TOTAL ORGANIC CARBON	0.5	J	MG/L	II	302	312	134	144		
	W21DDA	03/19/1999	300.0	CHLORIDE (AS CL)	8.1		MG/L	II	302	312	134	144		
	W21DDA	03/19/1999	300.0	SULFATE (AS SO4)	6.1		MG/L	II	302	312	134	144		
	W21DDA	03/19/1999	310.1	ALKALINITY, BICARBONATE (AS C	3		MG/L	II	302	312	134	144		
	W21DDA	03/19/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	3		MG/L	II	302	312	134	144		
	W21DDA	03/19/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.03		MG/L	II	302	312	134	144		
	W21DDA	03/19/1999	504	{ND on all 1} analytes				II	302	312	134	144		
	W21DDA	03/19/1999	8151	{ND on all 17} analytes				II	302	312	134	144		
	W21DDA	03/19/1999	350.2M	{ND on all 1} analytes				II	302	312	134	144		
	W21DDA	03/19/1999	353.2M	NITRATE/NITRITE (AS N)	0.01		MG/L	II	302	312	134	144	10	
	W21DDA	03/19/1999	8021W	{ND on all 1} analytes				II	302	312	134	144		
	W21DDA	03/19/1999	8330N	{ND on all 19} analytes				II	302	312	134	144		
	W21DDA	03/19/1999	CYAN	{ND on all 1} analytes				II	302	312	134	144		
	W21DDA	03/19/1999	IM40HD	{ND on all 1} analytes				II	302	312	134	144		
	W21DDA	03/19/1999	IM40HG	{ND on all 1} analytes				II	302	312	134	144		
	W21DDA	03/19/1999	IM40MB	CALCIUM	4020		UG/L	II	302	312	134	144		
	W21DDA	03/19/1999	IM40MB	MAGNESIUM	1880		UG/L	II	302	312	134	144		
	W21DDA	03/19/1999	IM40MB	MANGANESE	9.1		UG/L	II	302	312	134	144		
	W21DDA	03/19/1999	IM40MB	POTASSIUM	1010		UG/L	II	302	312	134	144		
	W21DDA	03/19/1999	IM40MB	SODIUM	6560		UG/L	II	302	312	134	144	20000	
	W21DDA	03/19/1999	OC21B	{ND on all 64} analytes				II	302	312	134	144		
	W21DDA	03/19/1999	OC21V	CHLOROFORM	0.8	J	UG/L	II	302	312	134	144	80	
	W21DDA	03/19/1999	OL21P	{ND on all 28} analytes				II	302	312	134	144		
	W21DDA	03/19/1999	TOC	{ND on all 1} analytes				II	302	312	134	144		
	W21DDA	09/01/1999	300.0	CHLORIDE (AS CL)	8		MG/L	3	302	312	134	144		
	W21DDA	09/01/1999	300.0	SULFATE (AS SO4)	5.8		MG/L	3	302	312	134	144		
	W21DDA	09/01/1999	310.1	ALKALINITY, BICARBONATE (AS C	14		MG/L	3	302	312	134	144		
	W21DDA	09/01/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	14		MG/L	3	302	312	134	144		
	W21DDA	09/01/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	3	302	312	134	144		
	W21DDA	09/01/1999	504	{ND on all 1} analytes				3	302	312	134	144		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W21DDA	09/01/1999	8151	{ND on all 18} analytes				3	302	312	134	144		
	W21DDA	09/01/1999	350.2M	{ND on all 1} analytes				3	302	312	134	144		
	W21DDA	09/01/1999	353.2M	NITRATE/NITRITE (AS N)	0.04		MG/L	3	302	312	134	144	10	
	W21DDA	09/01/1999	8021W	{ND on all 1} analytes				3	302	312	134	144		
	W21DDA	09/01/1999	8330N	{ND on all 19} analytes				3	302	312	134	144		
	W21DDA	09/01/1999	CYAN	{ND on all 1} analytes				3	302	312	134	144		
	W21DDA	09/01/1999	IM40HD	{ND on all 1} analytes				3	302	312	134	144		
	W21DDA	09/01/1999	IM40HG	{ND on all 1} analytes				3	302	312	134	144		
	W21DDA	09/01/1999	IM40MB	CALCIUM	3700		UG/L	3	302	312	134	144		
	W21DDA	09/01/1999	IM40MB	MAGNESIUM	1750		UG/L	3	302	312	134	144		
	W21DDA	09/01/1999	IM40MB	MANGANESE	5.4		UG/L	3	302	312	134	144		
	W21DDA	09/01/1999	IM40MB	POTASSIUM	692	J	UG/L	3	302	312	134	144		
	W21DDA	09/01/1999	IM40MB	SODIUM	6280		UG/L	3	302	312	134	144	20000	
	W21DDA	09/01/1999	IM40MB	ZINC	1.7	J	UG/L	3	302	312	134	144	2000	
	W21DDA	09/01/1999	OC21B	{ND on all 64} analytes				3	302	312	134	144		
	W21DDA	09/01/1999	OC21V	CHLOROFORM	0.9	J	UG/L	3	302	312	134	144	80	
	W21DDA	09/01/1999	OL21P	{ND on all 28} analytes				3	302	312	134	144		
	W21DDA	09/01/1999	TOC	{ND on all 1} analytes				3	302	312	134	144		
	W21DDA	08/08/2000	E314.0	{ND on all 1} analytes				3	302	312	134	144		
	W21DDA	07/30/2001	E314.0	{ND on all 1} analytes				3	302	312	134	144		
	W21DDA	05/13/2002	E314.0	{ND on all 1} analytes				II	302	312	134	144		
MW-21M1	W21M1A	04/08/1999	300.0	CHLORIDE (AS CL)	8		MG/L	II	261	271	93	103		
	W21M1A	04/08/1999	300.0	SULFATE (AS SO4)	5.5		MG/L	II	261	271	93	103		
	W21M1A	04/08/1999	310.1	ALKALINITY, BICARBONATE (AS C	12		MG/L	II	261	271	93	103		
	W21M1A	04/08/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	12		MG/L	II	261	271	93	103		
	W21M1A	04/08/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02	J	MG/L	II	261	271	93	103		
	W21M1A	04/08/1999	504	{ND on all 1} analytes				II	261	271	93	103		
	W21M1A	04/08/1999	8151	{ND on all 18} analytes				II	261	271	93	103		
	W21M1A	04/08/1999	350.2M	{ND on all 1} analytes				II	261	271	93	103		
	W21M1A	04/08/1999	353.2M	{ND on all 1} analytes				II	261	271	93	103		
	W21M1A	04/08/1999	8021W	{ND on all 1} analytes				II	261	271	93	103		
	W21M1A	04/08/1999	8330N	{ND on all 19} analytes				3	261	271	93	103		
	W21M1A	04/08/1999	CYAN	{ND on all 1} analytes				II	261	271	93	103		
	W21M1A	04/08/1999	IM40HD	{ND on all 1} analytes				II	261	271	93	103		
	W21M1A	04/08/1999	IM40HG	{ND on all 1} analytes				II	261	271	93	103		
	W21M1A	04/08/1999	IM40MB	ALUMINUM	658		UG/L	II	261	271	93	103		
	W21M1A	04/08/1999	IM40MB	BORON	6.8		UG/L	II	261	271	93	103	600	
	W21M1A	04/08/1999	IM40MB	CALCIUM	2980		UG/L	II	261	271	93	103		
	W21M1A	04/08/1999	IM40MB	CHROMIUM, TOTAL	1.7		UG/L	II	261	271	93	103	100	
	W21M1A	04/08/1999	IM40MB	COBALT	1.6	J	UG/L	II	261	271	93	103		
	W21M1A	04/08/1999	IM40MB	IRON	666		UG/L	II	261	271	93	103		
	W21M1A	04/08/1999	IM40MB	MAGNESIUM	1800		UG/L	II	261	271	93	103		
	W21M1A	04/08/1999	IM40MB	MANGANESE	9.5		UG/L	II	261	271	93	103		
	W21M1A	04/08/1999	IM40MB	NICKEL	3.2		UG/L	II	261	271	93	103	100	
	W21M1A	04/08/1999	IM40MB	POTASSIUM	1130		UG/L	II	261	271	93	103		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W21M1A	04/08/1999	IM40MB	SILVER	1.4	J	UG/L	II	261	271	93	103	100	
	W21M1A	04/08/1999	IM40MB	SODIUM	6480		UG/L	II	261	271	93	103	20000	
	W21M1A	04/08/1999	IM40MB	VANADIUM	3.4		UG/L	II	261	271	93	103		
	W21M1A	04/08/1999	OC21B	{ND on all 64} analytes				II	261	271	93	103		
	W21M1A	04/08/1999	OC21V	CHLOROFORM	0.7	J	UG/L	3	261	271	93	103	80	
	W21M1A	04/08/1999	OL21P	{ND on all 28} analytes				II	261	271	93	103		
	W21M1A	04/08/1999	TOC	{ND on all 1} analytes				II	261	271	93	103		
	W21M1A	09/01/1999	300.0	CHLORIDE (AS CL)	8		MG/L	3	261	271	93	103		
	W21M1A	09/01/1999	300.0	SULFATE (AS SO4)	5.6		MG/L	3	261	271	93	103		
	W21M1A	09/01/1999	310.1	ALKALINITY, BICARBONATE (AS C	12		MG/L	3	261	271	93	103		
	W21M1A	09/01/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	12		MG/L	3	261	271	93	103		
	W21M1A	09/01/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.01		MG/L	3	261	271	93	103		
	W21M1A	09/01/1999	504	{ND on all 1} analytes				3	261	271	93	103		
	W21M1A	09/01/1999	8151	{ND on all 18} analytes				3	261	271	93	103		
	W21M1A	09/01/1999	350.2M	{ND on all 1} analytes				3	261	271	93	103		
	W21M1A	09/01/1999	353.2M	{ND on all 1} analytes				3	261	271	93	103		
	W21M1A	09/01/1999	8021W	{ND on all 1} analytes				3	261	271	93	103		
	W21M1A	09/01/1999	8330N	{ND on all 19} analytes				3	261	271	93	103		
	W21M1A	09/01/1999	CYAN	{ND on all 1} analytes				3	261	271	93	103		
	W21M1A	09/01/1999	IM40HD	{ND on all 1} analytes				3	261	271	93	103		
	W21M1A	09/01/1999	IM40HG	{ND on all 1} analytes				3	261	271	93	103		
	W21M1A	09/01/1999	IM40MB	ALUMINUM	38.1	J	UG/L	3	261	271	93	103		
	W21M1A	09/01/1999	IM40MB	BORON	6.9	J	UG/L	3	261	271	93	103	600	
	W21M1A	09/01/1999	IM40MB	CALCIUM	2870		UG/L	3	261	271	93	103		
	W21M1A	09/01/1999	IM40MB	IRON	58.5	J	UG/L	3	261	271	93	103		
	W21M1A	09/01/1999	IM40MB	MAGNESIUM	1710		UG/L	3	261	271	93	103		
	W21M1A	09/01/1999	IM40MB	POTASSIUM	444	J	UG/L	3	261	271	93	103		
	W21M1A	09/01/1999	IM40MB	SODIUM	5970		UG/L	3	261	271	93	103	20000	
	W21M1A	09/01/1999	IM40MB	ZINC	3.4		UG/L	3	261	271	93	103	2000	
	W21M1A	09/01/1999	OC21B	{ND on all 64} analytes				3	261	271	93	103		
	W21M1A	09/01/1999	OC21V	CHLOROFORM	0.6	J	UG/L	3	261	271	93	103	80	
	W21M1A	09/01/1999	OL21P	{ND on all 28} analytes				3	261	271	93	103		
	W21M1A	09/01/1999	TOC	{ND on all 1} analytes				3	261	271	93	103		
	W21M1A	10/28/1999	300.0	CHLORIDE (AS CL)	7.6		MG/L	II	261	271	93	103		
	W21M1A	10/28/1999	300.0	SULFATE (AS SO4)	4.8		MG/L	II	261	271	93	103		
	W21M1A	10/28/1999	310.1	ALKALINITY, BICARBONATE (AS C	12		MG/L	II	261	271	93	103		
	W21M1A	10/28/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	12		MG/L	II	261	271	93	103		
	W21M1A	10/28/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	II	261	271	93	103		
	W21M1A	10/28/1999	504	{ND on all 1} analytes				II	261	271	93	103		
	W21M1A	10/28/1999	8151	{ND on all 15} analytes				II	261	271	93	103		
	W21M1A	10/28/1999	350.2M	NITROGEN, AMMONIA (AS N)	0.24		MG/L	II	261	271	93	103	30	
	W21M1A	10/28/1999	353.2M	{ND on all 1} analytes				II	261	271	93	103		
	W21M1A	10/28/1999	8021W	{ND on all 1} analytes				II	261	271	93	103		
	W21M1A	10/28/1999	8330N	{ND on all 18} analytes				II	261	271	93	103		
	W21M1A	10/28/1999	CYAN	{ND on all 1} analytes				II	261	271	93	103		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W21M1A	10/28/1999	IM40HD	{ND on all 1} analytes				II	261	271	93	103		
	W21M1A	10/28/1999	IM40HG	{ND on all 1} analytes				II	261	271	93	103		
	W21M1A	10/28/1999	IM40MB	BORON	6.6		UG/L	II	261	271	93	103	600	
	W21M1A	10/28/1999	IM40MB	CALCIUM	2930		UG/L	II	261	271	93	103		
	W21M1A	10/28/1999	IM40MB	MAGNESIUM	1750		UG/L	II	261	271	93	103		
	W21M1A	10/28/1999	IM40MB	POTASSIUM	885		UG/L	II	261	271	93	103		
	W21M1A	10/28/1999	IM40MB	SODIUM	6050		UG/L	II	261	271	93	103	20000	
	W21M1A	10/28/1999	OC21B	{ND on all 64} analytes				II	261	271	93	103		
	W21M1A	10/28/1999	OC21V	CHLOROFORM	0.6	J	UG/L	II	261	271	93	103	80	
	W21M1A	10/28/1999	OL21P	{ND on all 28} analytes				II	261	271	93	103		
	W21M1A	10/28/1999	TOC	{ND on all 1} analytes				II	261	271	93	103		
	W21M1A	05/13/2002	E314.0	{ND on all 1} analytes				II	261	271	93	103		
	W21M1A	03/26/2004	E314.0	{ND on all 1} analytes				II	261	271	93	103		
	W21M1A	06/02/2004	E314.0	{ND on all 1} analytes				II	261	271	93	103		
MW-21M2	W21M2A	04/01/1999	300.0	CHLORIDE (AS CL)	7.4		MG/L	II	226	236	58	68		
	W21M2A	04/01/1999	300.0	SULFATE (AS SO4)	4.8		MG/L	II	226	236	58	68		
	W21M2A	04/01/1999	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	226	236	58	68		
	W21M2A	04/01/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	226	236	58	68		
	W21M2A	04/01/1999	365.2	{ND on all 1} analytes				II	226	236	58	68		
	W21M2A	04/01/1999	504	{ND on all 1} analytes				II	226	236	58	68		
	W21M2A	04/01/1999	8151	2,4,5-T (TRICHLOROPHENOXYACE	0.11	J	UG/L	II	226	236	58	68	70	
	W21M2A	04/01/1999	350.2M	{ND on all 1} analytes				II	226	236	58	68		
	W21M2A	04/01/1999	353.2M	{ND on all 1} analytes				II	226	236	58	68		
	W21M2A	04/01/1999	8021W	{ND on all 1} analytes				II	226	236	58	68		
	W21M2A	04/01/1999	8330N	{ND on all 19} analytes				II	226	236	58	68		
	W21M2A	04/01/1999	CYAN	{ND on all 1} analytes				II	226	236	58	68		
	W21M2A	04/01/1999	IM40HD	{ND on all 1} analytes				II	226	236	58	68		
	W21M2A	04/01/1999	IM40HG	{ND on all 1} analytes				II	226	236	58	68		
	W21M2A	04/01/1999	IM40MB	ALUMINUM	124		UG/L	II	226	236	58	68		
	W21M2A	04/01/1999	IM40MB	CALCIUM	1770		UG/L	II	226	236	58	68		
	W21M2A	04/01/1999	IM40MB	COPPER	1.3	J	UG/L	II	226	236	58	68	1300	
	W21M2A	04/01/1999	IM40MB	IRON	436		UG/L	II	226	236	58	68		
	W21M2A	04/01/1999	IM40MB	MAGNESIUM	964		UG/L	II	226	236	58	68		
	W21M2A	04/01/1999	IM40MB	MANGANESE	14		UG/L	II	226	236	58	68		
	W21M2A	04/01/1999	IM40MB	NICKEL	1.5	J	UG/L	II	226	236	58	68	100	
	W21M2A	04/01/1999	IM40MB	POTASSIUM	641		UG/L	II	226	236	58	68		
	W21M2A	04/01/1999	IM40MB	SODIUM	5100		UG/L	II	226	236	58	68	20000	
	W21M2A	04/01/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	8		UG/L	II	226	236	58	68	6	X
	W21M2A	04/01/1999	OC21V	CHLOROFORM	0.5	J	UG/L	II	226	236	58	68	80	
	W21M2A	04/01/1999	OL21P	{ND on all 28} analytes				II	226	236	58	68		
	W21M2A	04/01/1999	TOC	TOTAL ORGANIC CARBON	0.97		MG/L	II	226	236	58	68		
	W21M2A	09/02/1999	300.0	CHLORIDE (AS CL)	8.4		MG/L	3	226	236	58	68		
	W21M2A	09/02/1999	300.0	SULFATE (AS SO4)	4.7		MG/L	3	226	236	58	68		
	W21M2A	09/02/1999	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	3	226	236	58	68		
	W21M2A	09/02/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	3	226	236	58	68		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W21M2A	09/02/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	3	226	236	58	68		
	W21M2A	09/02/1999	504	{ND on all 1} analytes				3	226	236	58	68		
	W21M2A	09/02/1999	8151	{ND on all 18} analytes				3	226	236	58	68		
	W21M2A	09/02/1999	350.2M	NITROGEN, AMMONIA (AS N)	0.03	J	MG/L	3	226	236	58	68	30	
	W21M2A	09/02/1999	353.2M	NITRATE/NITRITE (AS N)	0.03		MG/L	3	226	236	58	68	10	
	W21M2A	09/02/1999	8021W	{ND on all 1} analytes				3	226	236	58	68		
	W21M2A	09/02/1999	8330N	{ND on all 19} analytes				3	226	236	58	68		
	W21M2A	09/02/1999	CYAN	{ND on all 1} analytes				3	226	236	58	68		
	W21M2A	09/02/1999	IM40HD	{ND on all 1} analytes				3	226	236	58	68		
	W21M2A	09/02/1999	IM40HG	{ND on all 1} analytes				3	226	236	58	68		
	W21M2A	09/02/1999	IM40MB	CALCIUM	1710		UG/L	3	226	236	58	68		
	W21M2A	09/02/1999	IM40MB	MAGNESIUM	954		UG/L	3	226	236	58	68		
	W21M2A	09/02/1999	IM40MB	NICKEL	4	J	UG/L	3	226	236	58	68	100	
	W21M2A	09/02/1999	IM40MB	SODIUM	4980		UG/L	3	226	236	58	68	20000	
	W21M2A	09/02/1999	OC21B	{ND on all 64} analytes				3	226	236	58	68		
	W21M2A	09/02/1999	OC21V	CHLOROFORM	0.5	J	UG/L	3	226	236	58	68	80	
	W21M2A	09/02/1999	OL21P	{ND on all 28} analytes				3	226	236	58	68		
	W21M2A	09/02/1999	TOC	TOTAL ORGANIC CARBON	1.1		MG/L	3	226	236	58	68		
	W21M2A	11/01/1999	300.0	CHLORIDE (AS CL)	8.4		MG/L	II	226	236	58	68		
	W21M2A	11/01/1999	300.0	SULFATE (AS SO4)	4.1		MG/L	II	226	236	58	68		
	W21M2A	11/01/1999	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	226	236	58	68		
	W21M2A	11/01/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	226	236	58	68		
	W21M2A	11/01/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	II	226	236	58	68		
	W21M2A	11/01/1999	504	{ND on all 1} analytes				II	226	236	58	68		
	W21M2A	11/01/1999	8151	{ND on all 14} analytes				II	226	236	58	68		
	W21M2A	11/01/1999	350.2M	{ND on all 1} analytes				II	226	236	58	68		
	W21M2A	11/01/1999	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	226	236	58	68	10	
	W21M2A	11/01/1999	8021W	{ND on all 1} analytes				II	226	236	58	68		
	W21M2A	11/01/1999	8330N	{ND on all 18} analytes				II	226	236	58	68		
	W21M2A	11/01/1999	CYAN	{ND on all 1} analytes				II	226	236	58	68		
	W21M2A	11/01/1999	IM40HD	{ND on all 1} analytes				II	226	236	58	68		
	W21M2A	11/01/1999	IM40HG	{ND on all 1} analytes				II	226	236	58	68		
	W21M2A	11/01/1999	IM40MB	BORON	8		UG/L	II	226	236	58	68	600	
	W21M2A	11/01/1999	IM40MB	CALCIUM	1680		UG/L	II	226	236	58	68		
	W21M2A	11/01/1999	IM40MB	MAGNESIUM	940		UG/L	II	226	236	58	68		
	W21M2A	11/01/1999	IM40MB	POTASSIUM	550		UG/L	II	226	236	58	68		
	W21M2A	11/01/1999	IM40MB	SODIUM	5470		UG/L	II	226	236	58	68	20000	
	W21M2A	11/01/1999	IM40MB	THALLIUM	4	J	UG/L	II	226	236	58	68	2	X
	W21M2A	11/01/1999	IM40MB	ZINC	1.7	J	UG/L	II	226	236	58	68	2000	
	W21M2A	11/01/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	4	J	UG/L	II	226	236	58	68	6	
	W21M2A	11/01/1999	OC21V	CHLOROFORM	0.5	J	UG/L	II	226	236	58	68	80	
	W21M2A	11/01/1999	OL21P	{ND on all 28} analytes				II	226	236	58	68		
	W21M2A	11/01/1999	TOC	{ND on all 1} analytes				II	226	236	58	68		
	W21M2A	05/23/2000	8151	{ND on all 16} analytes				II	226	236	58	68		
	W21M2A	05/23/2000	IM40HG	{ND on all 1} analytes				II	226	236	58	68		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W21M2A	05/23/2000	IM40MB	BORON	6.6		UG/L	II	226	236	58	68	600	
	W21M2A	05/23/2000	IM40MB	CALCIUM	1520		UG/L	II	226	236	58	68		
	W21M2A	05/23/2000	IM40MB	MAGNESIUM	843		UG/L	II	226	236	58	68		
	W21M2A	05/23/2000	IM40MB	POTASSIUM	533	J	UG/L	II	226	236	58	68		
	W21M2A	05/23/2000	IM40MB	SODIUM	5280		UG/L	II	226	236	58	68	20000	
	W21M2A	05/23/2000	IM40MB	ZINC	1.9	J	UG/L	II	226	236	58	68	2000	
	W21M2A	08/07/2000	8151	{ND on all 15} analytes				II	226	236	58	68		
	W21M2A	08/07/2000	8330N	{ND on all 19} analytes				II	226	236	58	68		
	W21M2A	08/07/2000	IM40HD	{ND on all 1} analytes				II	226	236	58	68		
	W21M2A	08/07/2000	IM40HG	{ND on all 1} analytes				II	226	236	58	68		
	W21M2A	08/07/2000	IM40MB	BORON	8.9		UG/L	II	226	236	58	68	600	
	W21M2A	08/07/2000	IM40MB	CALCIUM	1630		UG/L	II	226	236	58	68		
	W21M2A	08/07/2000	IM40MB	COPPER	2.3	J	UG/L	II	226	236	58	68	1300	
	W21M2A	08/07/2000	IM40MB	MAGNESIUM	892		UG/L	II	226	236	58	68		
	W21M2A	08/07/2000	IM40MB	MANGANESE	0.9	J	UG/L	II	226	236	58	68		
	W21M2A	08/07/2000	IM40MB	SELENIUM	3.3	J	UG/L	II	226	236	58	68	50	
	W21M2A	08/07/2000	IM40MB	SODIUM	5230		UG/L	II	226	236	58	68	20000	
	W21M2A	08/07/2000	IM40MB	ZINC	39.4		UG/L	II	226	236	58	68	2000	
	W21M2A	11/16/2000	8151	{ND on all 15} analytes				II	226	236	58	68		
	W21M2A	11/16/2000	IM40HD	{ND on all 1} analytes				II	226	236	58	68		
	W21M2A	11/16/2000	IM40HG	{ND on all 1} analytes				II	226	236	58	68		
	W21M2A	11/16/2000	IM40MB	ALUMINUM	76		UG/L	II	226	236	58	68		
	W21M2A	11/16/2000	IM40MB	BERYLLIUM	0.4	J	UG/L	II	226	236	58	68	4	
	W21M2A	11/16/2000	IM40MB	CALCIUM	1660		UG/L	II	226	236	58	68		
	W21M2A	11/16/2000	IM40MB	CHROMIUM, TOTAL	0.82	J	UG/L	II	226	236	58	68	100	
	W21M2A	11/16/2000	IM40MB	COPPER	2.7	J	UG/L	II	226	236	58	68	1300	
	W21M2A	11/16/2000	IM40MB	MAGNESIUM	867		UG/L	II	226	236	58	68		
	W21M2A	11/16/2000	IM40MB	MANGANESE	1.1	J	UG/L	II	226	236	58	68		
	W21M2A	11/16/2000	IM40MB	NICKEL	1.6	J	UG/L	II	226	236	58	68	100	
	W21M2A	11/16/2000	IM40MB	POTASSIUM	510		UG/L	II	226	236	58	68		
	W21M2A	11/16/2000	IM40MB	SODIUM	5560		UG/L	II	226	236	58	68	20000	
	W21M2A	11/16/2000	IM40MB	ZINC	1.8		UG/L	II	226	236	58	68	2000	
	W21M2A	05/13/2002	E314.0	{ND on all 1} analytes				II	226	236	58	68		
	W21M2A	03/26/2004	E314.0	{ND on all 1} analytes				II	226	236	58	68		
	W21M2A	06/02/2004	E314.0	{ND on all 1} analytes				II	226	236	58	68		
MW-21M3	W21M3A	04/01/1999	300.0	CHLORIDE (AS CL)	10.6		MG/L	II	196	206	28	38		
	W21M3A	04/01/1999	300.0	SULFATE (AS SO4)	5.5		MG/L	II	196	206	28	38		
	W21M3A	04/01/1999	310.1	ALKALINITY, BICARBONATE (AS C	3		MG/L	II	196	206	28	38		
	W21M3A	04/01/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	3		MG/L	II	196	206	28	38		
	W21M3A	04/01/1999	365.2	{ND on all 1} analytes				II	196	206	28	38		
	W21M3A	04/01/1999	504	{ND on all 1} analytes				II	196	206	28	38		
	W21M3A	04/01/1999	8151	2,4,5-T (TRICHLOROPHENOXYACE	0.14	NJ	UG/L	II	196	206	28	38	70	
	W21M3A	04/01/1999	350.2M	{ND on all 1} analytes				II	196	206	28	38		
	W21M3A	04/01/1999	353.2M	{ND on all 1} analytes				II	196	206	28	38		
	W21M3A	04/01/1999	8021W	{ND on all 1} analytes				II	196	206	28	38		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W21M3A	04/01/1999	8330N	{ND on all 19} analytes				II	196	206	28	38		
	W21M3A	04/01/1999	CYAN	{ND on all 1} analytes				II	196	206	28	38		
	W21M3A	04/01/1999	IM40HD	{ND on all 1} analytes				II	196	206	28	38		
	W21M3A	04/01/1999	IM40HG	{ND on all 1} analytes				II	196	206	28	38		
	W21M3A	04/01/1999	IM40MB	CALCIUM	1370		UG/L	II	196	206	28	38		
	W21M3A	04/01/1999	IM40MB	MAGNESIUM	1400		UG/L	II	196	206	28	38		
	W21M3A	04/01/1999	IM40MB	MANGANESE	19.1		UG/L	II	196	206	28	38		
	W21M3A	04/01/1999	IM40MB	POTASSIUM	646		UG/L	II	196	206	28	38		
	W21M3A	04/01/1999	IM40MB	SODIUM	6210		UG/L	II	196	206	28	38	20000	
	W21M3A	04/01/1999	OC21B	{ND on all 64} analytes				II	196	206	28	38		
	W21M3A	04/01/1999	OC21V	CHLOROFORM	0.8	J	UG/L	II	196	206	28	38	80	
	W21M3A	04/01/1999	OL21P	{ND on all 28} analytes				II	196	206	28	38		
	W21M3A	04/01/1999	TOC	{ND on all 1} analytes				II	196	206	28	38		
	W21M3A	09/02/1999	300.0	CHLORIDE (AS CL)	11.4		MG/L	3	196	206	28	38		
	W21M3A	09/02/1999	300.0	SULFATE (AS SO4)	5.2		MG/L	3	196	206	28	38		
	W21M3A	09/02/1999	310.1	ALKALINITY, BICARBONATE (AS C	2		MG/L	3	196	206	28	38		
	W21M3A	09/02/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	2		MG/L	3	196	206	28	38		
	W21M3A	09/02/1999	365.2	{ND on all 1} analytes				3	196	206	28	38		
	W21M3A	09/02/1999	504	{ND on all 1} analytes				3	196	206	28	38		
	W21M3A	09/02/1999	8151	2,4,5-T (TRICHLOROPHENOXYACE	0.1	J	UG/L	3	196	206	28	38	70	
	W21M3A	09/02/1999	8151	CHLORAMBEN	0.27	NJ	UG/L	3	196	206	28	38	100	
	W21M3A	09/02/1999	350.2M	{ND on all 1} analytes				3	196	206	28	38		
	W21M3A	09/02/1999	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	3	196	206	28	38	10	
	W21M3A	09/02/1999	8021W	{ND on all 1} analytes				3	196	206	28	38		
	W21M3A	09/02/1999	8330N	{ND on all 19} analytes				3	196	206	28	38		
	W21M3A	09/02/1999	CYAN	{ND on all 1} analytes				3	196	206	28	38		
	W21M3A	09/02/1999	IM40HD	{ND on all 1} analytes				3	196	206	28	38		
	W21M3A	09/02/1999	IM40HG	{ND on all 1} analytes				3	196	206	28	38		
	W21M3A	09/02/1999	IM40MB	CALCIUM	1380		UG/L	3	196	206	28	38		
	W21M3A	09/02/1999	IM40MB	MAGNESIUM	1430		UG/L	3	196	206	28	38		
	W21M3A	09/02/1999	IM40MB	MANGANESE	1.6	J	UG/L	3	196	206	28	38		
	W21M3A	09/02/1999	IM40MB	SODIUM	6480		UG/L	3	196	206	28	38	20000	
	W21M3A	09/02/1999	OC21B	{ND on all 64} analytes				3	196	206	28	38		
	W21M3A	09/02/1999	OC21V	CHLOROFORM	1		UG/L	3	196	206	28	38	80	
	W21M3A	09/02/1999	OL21P	{ND on all 28} analytes				3	196	206	28	38		
	W21M3A	09/02/1999	TOC	{ND on all 1} analytes				3	196	206	28	38		
	W21M3A	11/01/1999	300.0	CHLORIDE (AS CL)	11.3		MG/L	II	196	206	28	38		
	W21M3A	11/01/1999	300.0	SULFATE (AS SO4)	5.1		MG/L	II	196	206	28	38		
	W21M3A	11/01/1999	310.1	ALKALINITY, BICARBONATE (AS C	2		MG/L	II	196	206	28	38		
	W21M3A	11/01/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	2		MG/L	II	196	206	28	38		
	W21M3A	11/01/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.01		MG/L	II	196	206	28	38		
	W21M3A	11/01/1999	504	{ND on all 1} analytes				II	196	206	28	38		
	W21M3A	11/01/1999	8151	CHLORAMBEN	0.58	NJ	UG/L	II	196	206	28	38	100	
	W21M3A	11/01/1999	350.2M	{ND on all 1} analytes				II	196	206	28	38		
	W21M3A	11/01/1999	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	196	206	28	38	10	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W21M3A	11/01/1999	8021W	{ND on all 1} analytes				II	196	206	28	38		
	W21M3A	11/01/1999	8330N	{ND on all 18} analytes				II	196	206	28	38		
	W21M3A	11/01/1999	CYAN	{ND on all 1} analytes				II	196	206	28	38		
	W21M3A	11/01/1999	IM40HD	{ND on all 1} analytes				II	196	206	28	38		
	W21M3A	11/01/1999	IM40HG	{ND on all 1} analytes				II	196	206	28	38		
	W21M3A	11/01/1999	IM40MB	BORON	8.6		UG/L	II	196	206	28	38	600	
	W21M3A	11/01/1999	IM40MB	CALCIUM	1370		UG/L	II	196	206	28	38		
	W21M3A	11/01/1999	IM40MB	MAGNESIUM	1420		UG/L	II	196	206	28	38		
	W21M3A	11/01/1999	IM40MB	POTASSIUM	728		UG/L	II	196	206	28	38		
	W21M3A	11/01/1999	IM40MB	SODIUM	6360		UG/L	II	196	206	28	38	20000	
	W21M3A	11/01/1999	OC21B	{ND on all 64} analytes				II	196	206	28	38		
	W21M3A	11/01/1999	OC21V	CHLOROFORM	1		UG/L	II	196	206	28	38	80	
	W21M3A	11/01/1999	OL21P	{ND on all 28} analytes				II	196	206	28	38		
	W21M3A	11/01/1999	TOC	{ND on all 1} analytes				II	196	206	28	38		
	W21M3A	05/24/2000	8151	{ND on all 16} analytes				II	196	206	28	38		
	W21M3A	08/07/2000	8151	2,4,5-T (TRICHLOROPHENOXYACE	0.11		UG/L	II	196	206	28	38	70	
	W21M3A	11/15/2000	8151	{ND on all 16} analytes				II	196	206	28	38		
	W21M3A	05/07/2001	8151	{ND on all 17} analytes				II	196	206	28	38		
	W21M3A	07/27/2001	8151	{ND on all 18} analytes				II	196	206	28	38		
	W21M3A	12/20/2001	8151	{ND on all 18} analytes				II	196	206	28	38		
	W21M3A	05/14/2002	E314.0	{ND on all 1} analytes				II	196	206	28	38		
	W21M3A	06/10/2002	8151	{ND on all 17} analytes				II	196	206	28	38		
	W21M3A	09/30/2002	8151	{ND on all 17} analytes				II	196	206	28	38		
	W21M3A	10/02/2003	8151	{ND on all 18} analytes				II	196	206	28	38		
	W21M3A	03/26/2004	E314.0	{ND on all 1} analytes				II	196	206	28	38		
	W21M3A	06/02/2004	E314.0	{ND on all 1} analytes				II	196	206	28	38		
MW-21S	W21SSA	10/24/1997	130.2	HARDNESS (AS CACO3)	30		MG/L	II	164	174	0	10		
	W21SSL	10/24/1997	130.2	HARDNESS (AS CACO3)	28		MG/L	II	164	174	0	10		
	W21SSA	10/24/1997	300.0	CHLORIDE (AS CL)	41.7		MG/L	II	164	174	0	10		
	W21SSA	10/24/1997	300.0	SULFATE (AS SO4)	7.5		MG/L	II	164	174	0	10		
	W21SSA	10/24/1997	310.1	ALKALINITY, BICARBONATE (AS C	15	J	MG/L	II	164	174	0	10		
	W21SSA	10/24/1997	310.1	ALKALINITY, TOTAL (AS CACO3)	15	J	MG/L	II	164	174	0	10		
	W21SSA	10/24/1997	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.08	J	MG/L	II	164	174	0	10		
	W21SSA	10/24/1997	504	{ND on all 1} analytes				II	164	174	0	10		
	W21SSA	10/24/1997	8151	{ND on all 14} analytes				II	164	174	0	10		
	W21SSA	10/24/1997	8330	{ND on all 18} analytes				II	164	174	0	10		
	W21SSA	10/24/1997	350.2M	NITROGEN, AMMONIA (AS N)	0.03	J	MG/L	II	164	174	0	10	30	
	W21SSA	10/24/1997	353.2M	NITRATE/NITRITE (AS N)	0.1		MG/L	II	164	174	0	10	10	
	W21SSA	10/24/1997	8021W	{ND on all 1} analytes				II	164	174	0	10		
	W21SSA	10/24/1997	CYAN	{ND on all 1} analytes				II	164	174	0	10		
	W21SSA	10/24/1997	IM40	ALUMINUM	1440		UG/L	II	164	174	0	10		
	W21SSL	10/24/1997	IM40	ALUMINUM	237		UG/L	II	164	174	0	10		
	W21SSA	10/24/1997	IM40	BARIUM	27.9		UG/L	II	164	174	0	10	2000	
	W21SSL	10/24/1997	IM40	BARIUM	20.1		UG/L	II	164	174	0	10	2000	
	W21SSA	10/24/1997	IM40	CALCIUM	7030		UG/L	II	164	174	0	10		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W21SSL	10/24/1997	IM40	CALCIUM	6700		UG/L	II	164	174	0	10		
	W21SSA	10/24/1997	IM40	CHROMIUM, TOTAL	4.9		UG/L	II	164	174	0	10	100	
	W21SSA	10/24/1997	IM40	COBALT	1.6	J	UG/L	II	164	174	0	10		
	W21SSL	10/24/1997	IM40	COBALT	1.4	J	UG/L	II	164	174	0	10		
	W21SSA	10/24/1997	IM40	COPPER	2.3	J	UG/L	II	164	174	0	10	1300	
	W21SSA	10/24/1997	IM40	IRON	1640		UG/L	II	164	174	0	10		
	W21SSL	10/24/1997	IM40	IRON	136		UG/L	II	164	174	0	10		
	W21SSA	10/24/1997	IM40	MAGNESIUM	3080		UG/L	II	164	174	0	10		
	W21SSL	10/24/1997	IM40	MAGNESIUM	2790		UG/L	II	164	174	0	10		
	W21SSA	10/24/1997	IM40	MANGANESE	326		UG/L	II	164	174	0	10		
	W21SSL	10/24/1997	IM40	MANGANESE	297		UG/L	II	164	174	0	10		
	W21SSA	10/24/1997	IM40	NICKEL	3.4		UG/L	II	164	174	0	10	100	
	W21SSL	10/24/1997	IM40	NICKEL	2.3		UG/L	II	164	174	0	10	100	
	W21SSA	10/24/1997	IM40	POTASSIUM	2190		UG/L	II	164	174	0	10		
	W21SSL	10/24/1997	IM40	POTASSIUM	1990		UG/L	II	164	174	0	10		
	W21SSA	10/24/1997	IM40	SODIUM	24000		UG/L	II	164	174	0	10	20000	X
	W21SSL	10/24/1997	IM40	SODIUM	24200		UG/L	II	164	174	0	10	20000	X
	W21SSA	10/24/1997	IM40	THALLIUM	6.9	J	UG/L	II	164	174	0	10	2	X
	W21SSA	10/24/1997	IM40HD	{ND on all 1} analytes				NV	164	174	0	10		
	W21SSL	10/24/1997	IM40HD	{ND on all 1} analytes				NV	164	174	0	10		
	W21SSA	10/24/1997	IM40HG	{ND on all 1} analytes				II	164	174	0	10		
	W21SSL	10/24/1997	IM40HG	{ND on all 1} analytes				II	164	174	0	10		
	W21SSA	10/24/1997	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	1	J	UG/L	II	164	174	0	10	6	
	W21SSA	10/24/1997	OC21V	CHLOROFORM	1		UG/L	II	164	174	0	10	80	
	W21SSA	10/24/1997	OL21P	{ND on all 28} analytes				II	164	174	0	10		
	W21SSA	10/24/1997	TOC	TOTAL ORGANIC CARBON	0.7	J	MG/L	II	164	174	0	10		
	W21SSA	03/19/1999	300.0	CHLORIDE (AS CL)	14.9		MG/L	II	164	174	0	10		
	W21SSA	03/19/1999	300.0	SULFATE (AS SO4)	7.5		MG/L	II	164	174	0	10		
	W21SSA	03/19/1999	310.1	ALKALINITY, BICARBONATE (AS C	6		MG/L	II	164	174	0	10		
	W21SSA	03/19/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	6		MG/L	II	164	174	0	10		
	W21SSA	03/19/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	II	164	174	0	10		
	W21SSA	03/19/1999	504	{ND on all 1} analytes				II	164	174	0	10		
	W21SSA	03/19/1999	8151	{ND on all 17} analytes				II	164	174	0	10		
	W21SSA	03/19/1999	350.2M	{ND on all 1} analytes				II	164	174	0	10		
	W21SSA	03/19/1999	353.2M	NITRATE/NITRITE (AS N)	0.05		MG/L	II	164	174	0	10	10	
	W21SSA	03/19/1999	8021W	{ND on all 1} analytes				II	164	174	0	10		
	W21SSA	03/19/1999	8330N	{ND on all 19} analytes				II	164	174	0	10		
	W21SSA	03/19/1999	CYAN	{ND on all 1} analytes				II	164	174	0	10		
	W21SSA	03/19/1999	IM40HD	{ND on all 1} analytes				II	164	174	0	10		
	W21SSA	03/19/1999	IM40HG	MERCURY	0.16	J	UG/L	II	164	174	0	10	2	
	W21SSA	03/19/1999	IM40MB	CALCIUM	2220		UG/L	II	164	174	0	10		
	W21SSA	03/19/1999	IM40MB	MAGNESIUM	1160		UG/L	II	164	174	0	10		
	W21SSA	03/19/1999	IM40MB	MANGANESE	38		UG/L	II	164	174	0	10		
	W21SSA	03/19/1999	IM40MB	POTASSIUM	876		UG/L	II	164	174	0	10		
	W21SSA	03/19/1999	IM40MB	SODIUM	9930		UG/L	II	164	174	0	10	20000	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W21SSA	03/19/1999	OC21B	{ND on all 64} analytes				II	164	174	0	10		
	W21SSA	03/19/1999	OC21V	CHLOROFORM	1		UG/L	II	164	174	0	10	80	
	W21SSA	03/19/1999	OL21P	{ND on all 28} analytes				II	164	174	0	10		
	W21SSA	03/19/1999	TOC	{ND on all 1} analytes				II	164	174	0	10		
	W21SSA	09/02/1999	300.0	CHLORIDE (AS CL)	18.5		MG/L	II	164	174	0	10		
	W21SSA	09/02/1999	300.0	SULFATE (AS SO4)	6.9		MG/L	II	164	174	0	10		
	W21SSA	09/02/1999	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	164	174	0	10		
	W21SSA	09/02/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	164	174	0	10		
	W21SSA	09/02/1999	365.2	{ND on all 1} analytes				II	164	174	0	10		
	W21SSA	09/02/1999	504	{ND on all 1} analytes				II	164	174	0	10		
	W21SSA	09/02/1999	8151	{ND on all 15} analytes				II	164	174	0	10		
	W21SSA	09/02/1999	350.2M	{ND on all 1} analytes				II	164	174	0	10		
	W21SSA	09/02/1999	353.2M	NITRATE/NITRITE (AS N)	0.07		MG/L	II	164	174	0	10	10	
	W21SSA	09/02/1999	8021W	{ND on all 1} analytes				II	164	174	0	10		
	W21SSA	09/02/1999	8330N	{ND on all 19} analytes				II	164	174	0	10		
	W21SSA	09/02/1999	CYAN	{ND on all 1} analytes				II	164	174	0	10		
	W21SSA	09/02/1999	IM40HD	{ND on all 1} analytes				II	164	174	0	10		
	W21SSA	09/02/1999	IM40HG	{ND on all 1} analytes				II	164	174	0	10		
	W21SSA	09/02/1999	IM40MB	BARIUM	7.1	J	UG/L	II	164	174	0	10	2000	
	W21SSA	09/02/1999	IM40MB	CALCIUM	2930		UG/L	II	164	174	0	10		
	W21SSA	09/02/1999	IM40MB	MAGNESIUM	1840		UG/L	II	164	174	0	10		
	W21SSA	09/02/1999	IM40MB	MANGANESE	48.6		UG/L	II	164	174	0	10		
	W21SSA	09/02/1999	IM40MB	POTASSIUM	634		UG/L	II	164	174	0	10		
	W21SSA	09/02/1999	IM40MB	SODIUM	11700		UG/L	II	164	174	0	10	20000	
	W21SSA	09/02/1999	OC21B	{ND on all 64} analytes				II	164	174	0	10		
	W21SSA	09/02/1999	OC21V	CHLOROFORM	1		UG/L	II	164	174	0	10	80	
	W21SSA	09/02/1999	OL21P	{ND on all 28} analytes				II	164	174	0	10		
	W21SSA	09/02/1999	TOC	{ND on all 1} analytes				II	164	174	0	10		
	W21SSA	05/30/2000	E160.1	TOTAL DISSOLVED SOLIDS (RESI	93		MG/L	II	164	174	0	10		
	W21SSA	05/30/2000	E160.2	SUSPENDED SOLIDS (RESIDUE, N	5.1		MG/L	II	164	174	0	10		
	W21SSA	05/30/2000	E180.1	TURBIDITY	2.1		NTU	II	164	174	0	10		
	W21SSA	05/30/2000	IM40HD	{ND on all 1} analytes				II	164	174	0	10		
	W21SSL	05/30/2000	IM40HD	{ND on all 1} analytes				II	164	174	0	10		
	W21SSA	05/30/2000	IM40HG	{ND on all 1} analytes				II	164	174	0	10		
	W21SSL	05/30/2000	IM40HG	{ND on all 1} analytes				II	164	174	0	10		
	W21SSA	05/30/2000	IM40MB	BARIUM	10.3	J	UG/L	II	164	174	0	10	2000	
	W21SSL	05/30/2000	IM40MB	BARIUM	9.9	J	UG/L	II	164	174	0	10	2000	
	W21SSA	05/30/2000	IM40MB	CALCIUM	3990		UG/L	II	164	174	0	10		
	W21SSL	05/30/2000	IM40MB	CALCIUM	3990		UG/L	II	164	174	0	10		
	W21SSA	05/30/2000	IM40MB	IRON	159	J	UG/L	II	164	174	0	10		
	W21SSA	05/30/2000	IM40MB	MAGNESIUM	2830		UG/L	II	164	174	0	10		
	W21SSL	05/30/2000	IM40MB	MAGNESIUM	2850		UG/L	II	164	174	0	10		
	W21SSA	05/30/2000	IM40MB	MANGANESE	22.1		UG/L	II	164	174	0	10		
	W21SSL	05/30/2000	IM40MB	MANGANESE	20.2		UG/L	II	164	174	0	10		
	W21SSA	05/30/2000	IM40MB	POTASSIUM	1000		UG/L	II	164	174	0	10		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W21SSL	05/30/2000	IM40MB	POTASSIUM	1020		UG/L	II	164	174	0	10		
	W21SSA	05/30/2000	IM40MB	SODIUM	14100		UG/L	II	164	174	0	10	20000	
	W21SSL	05/30/2000	IM40MB	SODIUM	14300		UG/L	II	164	174	0	10	20000	
	W21SSA	08/08/2000	IM40HD	{ND on all 1} analytes				II	164	174	0	10		
	W21SSA	08/08/2000	IM40HG	{ND on all 1} analytes				II	164	174	0	10		
	W21SSA	08/08/2000	IM40MB	BARIUM	14.4		UG/L	II	164	174	0	10	2000	
	W21SSA	08/08/2000	IM40MB	BORON	10		UG/L	II	164	174	0	10	600	
	W21SSA	08/08/2000	IM40MB	CALCIUM	5520		UG/L	II	164	174	0	10		
	W21SSA	08/08/2000	IM40MB	MAGNESIUM	4100		UG/L	II	164	174	0	10		
	W21SSA	08/08/2000	IM40MB	MANGANESE	20.8		UG/L	II	164	174	0	10		
	W21SSA	08/08/2000	IM40MB	POTASSIUM	1360		UG/L	II	164	174	0	10		
	W21SSA	08/08/2000	IM40MB	SODIUM	19500		UG/L	II	164	174	0	10	20000	
	W21SSA	08/08/2000	IM40MB	ZINC	2	J	UG/L	II	164	174	0	10	2000	
	W21SSA	11/15/2000	IM40HD	{ND on all 1} analytes				II	164	174	0	10		
	W21SSA	11/15/2000	IM40HG	{ND on all 1} analytes				II	164	174	0	10		
	W21SSA	11/15/2000	IM40MB	BARIUM	13.8		UG/L	II	164	174	0	10	2000	
	W21SSA	11/15/2000	IM40MB	CALCIUM	5490		UG/L	II	164	174	0	10		
	W21SSA	11/15/2000	IM40MB	MAGNESIUM	3870		UG/L	II	164	174	0	10		
	W21SSA	11/15/2000	IM40MB	MANGANESE	18.5		UG/L	II	164	174	0	10		
	W21SSA	11/15/2000	IM40MB	POTASSIUM	1380		UG/L	II	164	174	0	10		
	W21SSA	11/15/2000	IM40MB	SODIUM	22500		UG/L	II	164	174	0	10	20000	X
	W21SSA	12/20/2001	ILSBTL	{ND on all 2} analytes				II	164	174	0	10		
	W21SSA	12/20/2001	IM40HD	{ND on all 1} analytes				II	164	174	0	10		
	W21SSA	12/20/2001	IM40HG	{ND on all 1} analytes				II	164	174	0	10		
	W21SSA	12/20/2001	IM40MB	BARIUM	15.1	J	UG/L	II	164	174	0	10	2000	
	W21SSA	12/20/2001	IM40MB	BORON	11.7	J	UG/L	II	164	174	0	10	600	
	W21SSA	12/20/2001	IM40MB	CALCIUM	7300		UG/L	II	164	174	0	10		
	W21SSA	12/20/2001	IM40MB	MAGNESIUM	4910		UG/L	II	164	174	0	10		
	W21SSA	12/20/2001	IM40MB	MANGANESE	7.1		UG/L	II	164	174	0	10		
	W21SSA	12/20/2001	IM40MB	POTASSIUM	1660		UG/L	II	164	174	0	10		
	W21SSA	12/20/2001	IM40MB	SODIUM	26400		UG/L	II	164	174	0	10	20000	X
	W21SSA	12/20/2001	IM40MB	ZINC	6.4		UG/L	II	164	174	0	10	2000	
	W21SSA	09/03/2003	E314.0	{ND on all 1} analytes				II	164	174	0	10		
	W21SSA	10/02/2003	6020SB	{ND on all 2} analytes				II	164	174	0	10		
	W21SSA	10/02/2003	IM40HG	{ND on all 1} analytes				II	164	174	0	10		
	W21SSA	10/02/2003	IM40MB	BORON	10	J	UG/L	II	164	174	0	10	600	
	W21SSA	10/02/2003	IM40MB	CALCIUM	5240		UG/L	II	164	174	0	10		
	W21SSA	10/02/2003	IM40MB	MAGNESIUM	3370		UG/L	II	164	174	0	10		
	W21SSA	10/02/2003	IM40MB	MANGANESE	2.4		UG/L	II	164	174	0	10		
	W21SSA	10/02/2003	IM40MB	POTASSIUM	1280		UG/L	II	164	174	0	10		
	W21SSA	10/02/2003	IM40MB	SODIUM	20200		UG/L	II	164	174	0	10	20000	X
	W21SSA	01/23/2004	6020SB	{ND on all 2} analytes				3	164	174	0	10		
	W21SSA	01/23/2004	IM40HD	HARDNESS (AS CACO3)	42.2		MG/L	3	164	174	0	10		
	W21SSA	01/23/2004	IM40HG	{ND on all 1} analytes				3	164	174	0	10		
	W21SSA	01/23/2004	IM40MB	BARIUM	17.8		UG/L	3	164	174	0	10	2000	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W21SSA	01/23/2004	IM40MB	BORON	3.1	J	UG/L	3	164	174	0	10	600	
	W21SSA	01/23/2004	IM40MB	CALCIUM	7870		UG/L	3	164	174	0	10		
	W21SSA	01/23/2004	IM40MB	MAGNESIUM	5480		UG/L	3	164	174	0	10		
	W21SSA	01/23/2004	IM40MB	MANGANESE	4.1		UG/L	3	164	174	0	10		
	W21SSA	01/23/2004	IM40MB	POTASSIUM	1380	J	UG/L	3	164	174	0	10		
	W21SSA	01/23/2004	IM40MB	SODIUM	31600		UG/L	3	164	174	0	10	20000	X
	W21SSA	03/26/2004	E314.0	{ND on all 1} analytes				II	164	174	0	10		
	W21SSA	06/02/2004	E314.0	{ND on all 1} analytes				II	164	174	0	10		
MW-213M1	W213M1A	06/06/2002	8330N	{ND on all 19} analytes				II	133	143	85.01	95.01		
	W213M1A	06/08/2002	E314.0	{ND on all 1} analytes				II	133	143	85.01	95.01		
	W213M1A	06/08/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	133	143	85.01	95.01	80	
	W213M1A	07/15/2002	E314.0	{ND on all 1} analytes				II	133	143	85.01	95.01		
	W213M1A	08/10/2002	8330N	{ND on all 19} analytes				II	133	143	85.01	95.01		
	W213M1A	08/10/2002	E314.0	{ND on all 1} analytes				II	133	143	85.01	95.01		
	W213M1A	08/10/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	133	143	85.01	95.01	80	
	W213M1A	09/09/2002	8330N	{ND on all 19} analytes				II	133	143	85.01	95.01		
	W213M1A	09/09/2002	E314.0	{ND on all 1} analytes				II	133	143	85.01	95.01		
	W213M1A	09/09/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	133	143	85.01	95.01	80	
	W213M1A	10/10/2002	8330N	{ND on all 19} analytes				II	133	143	85.01	95.01		
	W213M1A	10/10/2002	E314.0	{ND on all 1} analytes				II	133	143	85.01	95.01		
	W213M1A	10/10/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	133	143	85.01	95.01	80	
	W213M1A	12/18/2002	8330N	{ND on all 19} analytes				II	133	143	85.01	95.01		
	W213M1A	12/18/2002	E314.0	{ND on all 1} analytes				II	133	143	85.01	95.01		
	W213M1A	12/18/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	133	143	85.01	95.01	80	
	W213M1A	01/22/2003	8330N	{ND on all 19} analytes				II	133	143	85.01	95.01		
	W213M1A	01/22/2003	E314.0	{ND on all 1} analytes				II	133	143	85.01	95.01		
	W213M1A	02/21/2003	8330N	{ND on all 19} analytes				II	133	143	85.01	95.01		
	W213M1A	02/21/2003	E314.0	{ND on all 1} analytes				II	133	143	85.01	95.01		
	W213M1A	03/13/2003	E314.0	{ND on all 1} analytes				3	133	143	85.01	95.01		
	W213M1A	04/21/2003	8330N	{ND on all 19} analytes				II	133	143	85.01	95.01		
	W213M1A	04/21/2003	E314.0	{ND on all 1} analytes				II	133	143	85.01	95.01		
	W213M1A	04/21/2003	OC21V	CHLOROFORM	0.5	J	UG/L	II	133	143	85.01	95.01	80	
	W213M1A	05/23/2003	E314.0	{ND on all 1} analytes				II	133	143	85.01	95.01		
	W213M1A	06/19/2003	E314.0	{ND on all 1} analytes				II	133	143	85.01	95.01		
	W213M1A	07/22/2003	E314.0	{ND on all 1} analytes				II	133	143	85.01	95.01		
	W213M1A	08/14/2003	E314.0	{ND on all 1} analytes				II	133	143	85.01	95.01		
	W213M1A	08/27/2003	8330N	{ND on all 19} analytes				3	133	143	85.01	95.01		
	W213M1A	08/27/2003	OC21V	CHLOROFORM	0.5	J	UG/L	3	133	143	85.01	95.01	80	
	W213M1A	09/19/2003	E314.0	{ND on all 1} analytes				II	133	143	85.01	95.01		
	W213M1A	10/22/2003	E314.0	{ND on all 1} analytes				II	133	143	85.01	95.01		
	W213M1A	11/11/2003	E314.0	{ND on all 1} analytes				II	133	143	85.01	95.01		
	W213M1A	12/05/2003	E314.0	{ND on all 1} analytes				II	133	143	85.01	95.01		
	W213M1A	01/26/2004	8330N	{ND on all 19} analytes				II	133	143	85.01	95.01		
	W213M1A	01/26/2004	E314.0	{ND on all 1} analytes				II	133	143	85.01	95.01		
	W213M1A	01/26/2004	OC21VM	CHLOROFORM	0.4	J	UG/L	II	133	143	85.01	95.01	80	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W213M1A	02/24/2004	E314.0	{ND on all 1} analytes				II	133	143	85.01	95.01		
	W213M1A	03/18/2004	E314.0	{ND on all 1} analytes				II	133	143	85.01	95.01		
	W213M1A	04/20/2004	8330N	{ND on all 19} analytes				II	133	143	85.01	95.01		
	W213M1A	04/20/2004	E314.0	{ND on all 1} analytes				II	133	143	85.01	95.01		
	W213M1A	04/20/2004	OC21VM	CHLOROFORM	0.4	J	UG/L	II	133	143	85.01	95.01	80	
	W213M1A	08/03/2004	8330N	{ND on all 19} analytes				3	133	143	85.01	95.01		
	W213M1A	08/03/2004	E314.0	{ND on all 1} analytes				II	133	143	85.01	95.01		
	W213M1A	08/03/2004	OC21VM	CHLOROFORM	0.5	J	UG/L	3	133	143	85.01	95.01	80	
	W213M1A	02/03/2005	8330N	{ND on all 19} analytes				II	133	143	85.01	95.01		
	W213M1A	02/03/2005	E314.0	{ND on all 1} analytes				II	133	143	85.01	95.01		
	W213M1A	02/03/2005	OC21VM	CHLOROFORM	0.5	J	UG/L	II	133	143	85.01	95.01	80	
	W213M1A	06/06/2005	8330N	{ND on all 19} analytes				II	133	143	85.01	95.01		
	W213M1A	06/06/2005	E314.0	{ND on all 1} analytes				II	133	143	85.01	95.01		
	W213M1A	06/06/2005	OC21VM	CHLOROFORM	0.5	J	UG/L	II	133	143	85.01	95.01	80	
	W213M1A	07/27/2005	8330N	{ND on all 19} analytes				3	133	143	85.01	95.01		
	W213M1A	07/27/2005	E314.0	{ND on all 1} analytes				3	133	143	85.01	95.01		
	W213M1A	08/11/2005	OC21VM	CHLOROFORM	0.5	J	UG/L	II	133	143	85.01	95.01	80	
	W213M1A	08/11/2005	OC21VM	CHLOROMETHANE	0.5	J	UG/L	II	133	143	85.01	95.01	30	
	W213M1A	01/04/2006	8330N	{ND on all 19} analytes				II	133	143	85.01	95.01		
	W213M1D	01/04/2006	8330N	{ND on all 19} analytes				II	133	143	85.01	95.01		
	W213M1A	01/04/2006	E314.0	{ND on all 1} analytes				II	133	143	85.01	95.01		
	W213M1D	01/04/2006	E314.0	{ND on all 1} analytes				II	133	143	85.01	95.01		
	W213M1A	01/04/2006	OC21VM	CHLOROFORM	0.6	J	UG/L	II	133	143	85.01	95.01	80	
	W213M1A	01/04/2006	OC21VM	CHLOROMETHANE	0.2	J	UG/L	II	133	143	85.01	95.01	30	
	W213M1D	01/04/2006	OC21VM	CHLOROFORM	0.5	J	UG/L	II	133	143	85.01	95.01	80	
	W213M1D	01/04/2006	OC21VM	CHLOROMETHANE	0.3	J	UG/L	II	133	143	85.01	95.01	30	
MW-213M2	W213M2A	06/06/2002	8330N	{ND on all 19} analytes				II	89	99	41.15	51.15		
	W213M2A	06/08/2002	E314.0	PERCHLORATE	0.72	J	UG/L	II	89	99	41.15	51.15		
	W213M2A	06/08/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	89	99	41.15	51.15	80	
	W213M2A	07/15/2002	E314.0	PERCHLORATE	0.48	J	UG/L	II	89	99	41.15	51.15		
	W213M2A	08/10/2002	8330N	{ND on all 19} analytes				II	89	99	41.15	51.15		
	W213M2A	08/10/2002	E314.0	PERCHLORATE	0.87	J	UG/L	II	89	99	41.15	51.15		
	W213M2A	08/10/2002	OC21V	CARBON TETRACHLORIDE	0.2	J	UG/L	II	89	99	41.15	51.15	5	
	W213M2A	08/10/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	89	99	41.15	51.15	80	
	W213M2A	09/09/2002	8330N	{ND on all 19} analytes				II	89	99	41.15	51.15		
	W213M2A	09/09/2002	E314.0	PERCHLORATE	0.83	J	UG/L	II	89	99	41.15	51.15		
	W213M2A	09/09/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	89	99	41.15	51.15	80	
	W213M2A	10/10/2002	8330N	{ND on all 19} analytes				II	89	99	41.15	51.15		
	W213M2A	10/10/2002	E314.0	PERCHLORATE	0.71	J	UG/L	II	89	99	41.15	51.15		
	W213M2A	10/10/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	89	99	41.15	51.15	80	
	W213M2A	12/18/2002	8330N	{ND on all 19} analytes				II	89	99	41.15	51.15		
	W213M2A	12/18/2002	E314.0	PERCHLORATE	1.04		UG/L	II	89	99	41.15	51.15		
	W213M2A	12/18/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	89	99	41.15	51.15	80	
	W213M2A	01/22/2003	8330N	{ND on all 19} analytes				II	89	99	41.15	51.15		
	W213M2A	01/22/2003	E314.0	PERCHLORATE	0.89	J	UG/L	II	89	99	41.15	51.15		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W213M2A	02/24/2003	8330N	{ND on all 19} analytes				II	89	99	41.15	51.15		
	W213M2A	02/24/2003	E314.0	PERCHLORATE	0.97	J	UG/L	II	89	99	41.15	51.15		
	W213M2A	03/14/2003	E314.0	PERCHLORATE	1.01		UG/L	3	89	99	41.15	51.15		
	W213M2A	04/21/2003	8330N	{ND on all 19} analytes				II	89	99	41.15	51.15		
	W213M2A	04/21/2003	E314.0	PERCHLORATE	1.06		UG/L	II	89	99	41.15	51.15		
	W213M2A	04/21/2003	OC21V	CHLOROFORM	0.5	J	UG/L	II	89	99	41.15	51.15	80	
	W213M2A	05/23/2003	E314.0	PERCHLORATE	0.91	J	UG/L	II	89	99	41.15	51.15		
	W213M2A	06/19/2003	E314.0	PERCHLORATE	0.84	J	UG/L	II	89	99	41.15	51.15		
	W213M2D	06/19/2003	E314.0	PERCHLORATE	0.9	J	UG/L	II	89	99	41.15	51.15		
	W213M2A	07/22/2003	E314.0	PERCHLORATE	0.91	J	UG/L	II	89	99	41.15	51.15		
	W213M2A	08/15/2003	E314.0	PERCHLORATE	0.93	J	UG/L	II	89	99	41.15	51.15		
	W213M2A	08/27/2003	8330N	{ND on all 19} analytes				3	89	99	41.15	51.15		
	W213M2A	08/27/2003	OC21V	CHLOROFORM	0.6	J	UG/L	3	89	99	41.15	51.15	80	
	W213M2A	09/19/2003	E314.0	PERCHLORATE	0.91	J	UG/L	II	89	99	41.15	51.15		
	W213M2A	10/22/2003	E314.0	PERCHLORATE	1.08	J	UG/L	II	89	99	41.15	51.15		
	W213M2A	11/11/2003	E314.0	PERCHLORATE	0.87	J	UG/L	II	89	99	41.15	51.15		
	W213M2A	12/08/2003	E314.0	PERCHLORATE	0.82	J	UG/L	II	89	99	41.15	51.15		
	W213M2A	01/26/2004	8330N	{ND on all 19} analytes				II	89	99	41.15	51.15		
	W213M2A	01/26/2004	E314.0	PERCHLORATE	0.74	J	UG/L	II	89	99	41.15	51.15		
	W213M2A	01/26/2004	OC21VM	CHLOROFORM	0.6	J	UG/L	II	89	99	41.15	51.15	80	
	W213M2A	02/24/2004	E314.0	PERCHLORATE	0.72	J	UG/L	II	89	99	41.15	51.15		
	W213M2A	03/18/2004	E314.0	PERCHLORATE	0.61	J	UG/L	II	89	99	41.15	51.15		
	W213M2A	04/20/2004	8330N	{ND on all 19} analytes				II	89	99	41.15	51.15		
	W213M2A	04/20/2004	E314.0	PERCHLORATE	0.73	J	UG/L	II	89	99	41.15	51.15		
	W213M2A	04/20/2004	OC21VM	CHLOROFORM	0.6	J	UG/L	II	89	99	41.15	51.15	80	
	W213M2A	08/03/2004	8330N	{ND on all 19} analytes				3	89	99	41.15	51.15		
	W213M2A	08/03/2004	E314.0	PERCHLORATE	0.66	J	UG/L	II	89	99	41.15	51.15		
	W213M2A	08/03/2004	OC21VM	CHLOROFORM	0.6	J	UG/L	3	89	99	41.15	51.15	80	
	W213M2A	02/04/2005	8330N	{ND on all 19} analytes				II	89	99	41.15	51.15		
	W213M2A	02/04/2005	E314.0	PERCHLORATE	0.54	J	UG/L	II	89	99	41.15	51.15		
	W213M2A	02/04/2005	OC21VM	CHLOROFORM	0.5	J	UG/L	II	89	99	41.15	51.15	80	
	W213M2A	02/04/2005	OC21VM	TERT-BUTYL METHYL ETHER	0.2	J	UG/L	II	89	99	41.15	51.15	20	
	W213M2A	06/06/2005	8330N	{ND on all 19} analytes				II	89	99	41.15	51.15		
	W213M2A	06/06/2005	E314.0	PERCHLORATE	0.57	J	UG/L	II	89	99	41.15	51.15		
	W213M2A	06/06/2005	OC21VM	CHLOROFORM	0.4	J	UG/L	II	89	99	41.15	51.15	80	
	W213M2A	06/06/2005	OC21VM	TERT-BUTYL METHYL ETHER	0.1	J	UG/L	II	89	99	41.15	51.15	20	
	W213M2A	07/27/2005	8330N	{ND on all 19} analytes				3	89	99	41.15	51.15		
	W213M2A	07/27/2005	E314.0	PERCHLORATE	0.44	J	UG/L	3	89	99	41.15	51.15		
	W213M2A	08/11/2005	OC21VM	CHLOROFORM	0.4	J	UG/L	II	89	99	41.15	51.15	80	
	W213M2A	08/11/2005	OC21VM	TERT-BUTYL METHYL ETHER	0.2	J	UG/L	II	89	99	41.15	51.15	20	
	W213M2A	01/04/2006	8330N	{ND on all 19} analytes				II	89	99	41.15	51.15		
	W213M2A	01/04/2006	E314.0	PERCHLORATE	0.48	J	UG/L	II	89	99	41.15	51.15		
	W213M2A	01/04/2006	OC21VM	CHLOROFORM	0.4	J	UG/L	II	89	99	41.15	51.15	80	
MW-213M3	W213M3A	06/07/2002	8330N	{ND on all 19} analytes				II	77	82	29.38	34.38		
	W213M3D	06/07/2002	8330N	{ND on all 19} analytes				II	77	82	29.38	34.38		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W213M3A	06/08/2002	E314.0	PERCHLORATE	1.37		UG/L	II	77	82	29.38	34.38		
	W213M3A	06/08/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	77	82	29.38	34.38	80	
	W213M3A	07/15/2002	E314.0	PERCHLORATE	1.14		UG/L	II	77	82	29.38	34.38		
	W213M3A	08/10/2002	8330N	{ND on all 19} analytes				II	77	82	29.38	34.38		
	W213M3A	08/10/2002	E314.0	PERCHLORATE	0.97	J	UG/L	II	77	82	29.38	34.38		
	W213M3A	08/10/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	77	82	29.38	34.38	80	
	W213M3A	09/09/2002	8330N	{ND on all 19} analytes				II	77	82	29.38	34.38		
	W213M3A	09/09/2002	E314.0	PERCHLORATE	0.98	J	UG/L	II	77	82	29.38	34.38		
	W213M3A	09/09/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	77	82	29.38	34.38	80	
	W213M3A	10/16/2002	8330N	{ND on all 19} analytes				II	77	82	29.38	34.38		
	W213M3A	10/16/2002	E314.0	PERCHLORATE	0.9	J	UG/L	II	77	82	29.38	34.38		
	W213M3A	10/16/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	77	82	29.38	34.38	80	
	W213M3A	12/18/2002	8330N	{ND on all 19} analytes				II	77	82	29.38	34.38		
	W213M3A	12/18/2002	E314.0	PERCHLORATE	1.21		UG/L	II	77	82	29.38	34.38		
	W213M3A	12/18/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	77	82	29.38	34.38	80	
	W213M3A	01/22/2003	8330N	{ND on all 19} analytes				II	77	82	29.38	34.38		
	W213M3A	01/22/2003	E314.0	PERCHLORATE	0.92	J	UG/L	II	77	82	29.38	34.38		
	W213M3A	02/24/2003	8330N	{ND on all 19} analytes				II	77	82	29.38	34.38		
	W213M3A	02/24/2003	E314.0	PERCHLORATE	1.03		UG/L	II	77	82	29.38	34.38		
	W213M3A	03/14/2003	E314.0	PERCHLORATE	0.95	J	UG/L	3	77	82	29.38	34.38		
	W213M3A	04/21/2003	8330N	{ND on all 19} analytes				II	77	82	29.38	34.38		
	W213M3A	04/21/2003	E314.0	PERCHLORATE	0.99	J	UG/L	II	77	82	29.38	34.38		
	W213M3A	04/21/2003	OC21V	CHLOROFORM	0.9	J	UG/L	II	77	82	29.38	34.38	80	
	W213M3A	05/23/2003	E314.0	PERCHLORATE	0.81	J	UG/L	3	77	82	29.38	34.38		
	W213M3A	06/19/2003	E314.0	PERCHLORATE	0.88	J	UG/L	II	77	82	29.38	34.38		
	W213M3A	07/22/2003	E314.0	PERCHLORATE	0.83	J	UG/L	II	77	82	29.38	34.38		
	W213M3D	07/22/2003	E314.0	PERCHLORATE	0.83	J	UG/L	II	77	82	29.38	34.38		
	W213M3A	08/15/2003	E314.0	PERCHLORATE	0.75	J	UG/L	II	77	82	29.38	34.38		
	W213M3A	08/27/2003	8330N	{ND on all 19} analytes				3	77	82	29.38	34.38		
	W213M3A	08/27/2003	OC21V	CHLOROFORM	1		UG/L	3	77	82	29.38	34.38	80	
	W213M3A	09/22/2003	E314.0	PERCHLORATE	0.78	J	UG/L	II	77	82	29.38	34.38		
	W213M3A	10/22/2003	E314.0	PERCHLORATE	0.87	J	UG/L	II	77	82	29.38	34.38		
	W213M3D	10/22/2003	E314.0	PERCHLORATE	0.79	J	UG/L	II	77	82	29.38	34.38		
	W213M3A	11/11/2003	E314.0	PERCHLORATE	0.86	J	UG/L	II	77	82	29.38	34.38		
	W213M3D	11/11/2003	E314.0	PERCHLORATE	0.83	J	UG/L	II	77	82	29.38	34.38		
	W213M3A	12/05/2003	E314.0	PERCHLORATE	0.87	J	UG/L	II	77	82	29.38	34.38		
	W213M3D	12/05/2003	E314.0	PERCHLORATE	0.8	J	UG/L	II	77	82	29.38	34.38		
	W213M3A	01/26/2004	8330N	{ND on all 19} analytes				II	77	82	29.38	34.38		
	W213M3A	01/26/2004	E314.0	PERCHLORATE	0.71	J	UG/L	II	77	82	29.38	34.38		
	W213M3A	01/26/2004	OC21VM	CHLOROFORM	0.9	J	UG/L	II	77	82	29.38	34.38	80	
	W213M3A	01/26/2004	OC21VM	TERT-BUTYL METHYL ETHER	0.5		UG/L	II	77	82	29.38	34.38	20	
	W213M3A	02/24/2004	E314.0	PERCHLORATE	0.69	J	UG/L	3	77	82	29.38	34.38		
	W213M3D	02/24/2004	E314.0	PERCHLORATE	0.74	J	UG/L	3	77	82	29.38	34.38		
	W213M3A	03/19/2004	E314.0	PERCHLORATE	0.54	J	UG/L	II	77	82	29.38	34.38		
	W213M3A	04/20/2004	8330N	{ND on all 19} analytes				II	77	82	29.38	34.38		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W213M3A	04/20/2004	E314.0	PERCHLORATE	0.61	J	UG/L	II	77	82	29.38	34.38		
	W213M3A	04/20/2004	OC21VM	CHLOROFORM	0.9	J	UG/L	II	77	82	29.38	34.38	80	
	W213M3A	04/20/2004	OC21VM	TERT-BUTYL METHYL ETHER	0.6		UG/L	II	77	82	29.38	34.38	20	
	W213M3A	08/03/2004	8330N	{ND on all 19} analytes				3	77	82	29.38	34.38		
	W213M3A	08/03/2004	E314.0	PERCHLORATE	0.53	J	UG/L	II	77	82	29.38	34.38		
	W213M3A	08/03/2004	OC21VM	CHLOROFORM	0.7	J	UG/L	3	77	82	29.38	34.38	80	
	W213M3A	08/03/2004	OC21VM	TERT-BUTYL METHYL ETHER	0.5		UG/L	3	77	82	29.38	34.38	20	
	W213M3A	02/04/2005	8330N	{ND on all 19} analytes				II	77	82	29.38	34.38		
	W213M3A	02/04/2005	E314.0	PERCHLORATE	0.39	J	UG/L	II	77	82	29.38	34.38		
	W213M3A	02/04/2005	OC21VM	CHLOROFORM	0.8	J	UG/L	II	77	82	29.38	34.38	80	
	W213M3A	02/04/2005	OC21VM	TERT-BUTYL METHYL ETHER	0.6		UG/L	II	77	82	29.38	34.38	20	
	W213M3A	06/06/2005	8330N	{ND on all 19} analytes				II	77	82	29.38	34.38		
	W213M3A	06/06/2005	E314.0	PERCHLORATE	0.46	J	UG/L	II	77	82	29.38	34.38		
	W213M3A	06/06/2005	OC21VM	CHLOROFORM	0.8	J	UG/L	II	77	82	29.38	34.38	80	
	W213M3A	06/06/2005	OC21VM	TERT-BUTYL METHYL ETHER	0.6		UG/L	II	77	82	29.38	34.38	20	
	W213M3A	07/27/2005	8330N	{ND on all 19} analytes				3	77	82	29.38	34.38		
	W213M3D	07/27/2005	8330N	{ND on all 19} analytes				3	77	82	29.38	34.38		
	W213M3A	07/27/2005	E314.0	PERCHLORATE	0.44	J	UG/L	3	77	82	29.38	34.38		
	W213M3D	07/27/2005	E314.0	{ND on all 1} analytes				3	77	82	29.38	34.38		
	W213M3A	08/11/2005	OC21VM	CHLOROFORM	0.7	J	UG/L	II	77	82	29.38	34.38	80	
	W213M3A	08/11/2005	OC21VM	TERT-BUTYL METHYL ETHER	0.5		UG/L	II	77	82	29.38	34.38	20	
	W213M3A	01/04/2006	8330N	{ND on all 19} analytes				II	77	82	29.38	34.38		
	W213M3A	01/04/2006	E314.0	PERCHLORATE	0.41	J	UG/L	II	77	82	29.38	34.38		
	W213M3A	01/04/2006	OC21VM	CHLOROFORM	0.9	J	UG/L	II	77	82	29.38	34.38	80	
	W213M3A	01/04/2006	OC21VM	CHLOROMETHANE	0.3	J	UG/L	II	77	82	29.38	34.38	30	
	W213M3A	01/04/2006	OC21VM	TERT-BUTYL METHYL ETHER	0.4	J	UG/L	II	77	82	29.38	34.38	20	
MW-216M1	W216M1A	07/30/2002	8330N	{ND on all 19} analytes				II	253	263	51.19	61.19		
	W216M1A	07/30/2002	E314.0	{ND on all 1} analytes				II	253	263	51.19	61.19		
	W216M1A	07/30/2002	OC21V	CHLOROFORM	0.2	J	UG/L	II	253	263	51.19	61.19	80	
	W216M1A	10/17/2002	8330N	{ND on all 19} analytes				3	253	263	51.19	61.19		
	W216M1A	10/17/2002	E314.0	{ND on all 1} analytes				II	253	263	51.19	61.19		
	W216M1A	10/17/2002	OC21V	CHLOROFORM	0.4	J	UG/L	3	253	263	51.19	61.19	80	
	W216M1A	11/21/2002	8330N	{ND on all 19} analytes				II	253	263	51.19	61.19		
	W216M1A	11/21/2002	E314.0	{ND on all 1} analytes				II	253	263	51.19	61.19		
	W216M1A	11/21/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	253	263	51.19	61.19	80	
	W216M1A	12/18/2002	8330N	{ND on all 19} analytes				II	253	263	51.19	61.19		
	W216M1A	12/18/2002	E314.0	{ND on all 1} analytes				II	253	263	51.19	61.19		
	W216M1A	12/18/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	253	263	51.19	61.19	80	
	W216M1A	01/24/2003	8330N	{ND on all 19} analytes				II	253	263	51.19	61.19		
	W216M1D	01/24/2003	8330N	{ND on all 19} analytes				II	253	263	51.19	61.19		
	W216M1A	01/24/2003	E314.0	{ND on all 1} analytes				3	253	263	51.19	61.19		
	W216M1D	01/24/2003	E314.0	{ND on all 1} analytes				3	253	263	51.19	61.19		
	W216M1A	01/24/2003	OC21V	CHLOROFORM	0.4	J	UG/L	II	253	263	51.19	61.19	80	
	W216M1D	01/24/2003	OC21V	CHLOROFORM	0.4	J	UG/L	II	253	263	51.19	61.19	80	
	W216M1A	02/26/2003	8330N	{ND on all 19} analytes				II	253	263	51.19	61.19		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W216M1A	02/26/2003	E314.0	{ND on all 1} analytes				II	253	263	51.19	61.19		
	W216M1A	02/26/2003	OC21V	CHLOROFORM	0.4	J	UG/L	II	253	263	51.19	61.19	80	
	W216M1A	05/05/2003	E314.0	{ND on all 1} analytes				II	253	263	51.19	61.19		
	W216M1A	08/29/2003	E314.0	{ND on all 1} analytes				II	253	263	51.19	61.19		
	W216M1A	01/09/2004	E314.0	{ND on all 1} analytes				II	253	263	51.19	61.19		
	W216M1A	04/05/2004	E314.0	PERCHLORATE	0.69	J	UG/L	II	253	263	51.19	61.19		
	W216M1A	07/30/2004	E314.0	{ND on all 1} analytes				II	253	263	51.19	61.19		
	W216M1A	01/20/2005	E314.0	{ND on all 1} analytes				II	253	263	51.19	61.19		
	W216M1A	06/09/2005	E314.0	{ND on all 1} analytes				II	253	263	51.19	61.19		
	W216M1A	07/29/2005	E314.0	{ND on all 1} analytes				II	253	263	51.19	61.19		
	W216M1A	12/21/2005	E314.0	{ND on all 1} analytes				II	253	263	51.19	61.19		
MW-216M2	W216M2A	07/31/2002	8330N	{ND on all 19} analytes				II	236	246	34.17	44.17		
	W216M2A	07/31/2002	E314.0	{ND on all 1} analytes				II	236	246	34.17	44.17		
	W216M2A	07/31/2002	OC21V	CARBON DISULFIDE	0.2	J	UG/L	II	236	246	34.17	44.17		
	W216M2A	07/31/2002	OC21V	TOLUENE	0.2	J	UG/L	II	236	246	34.17	44.17	1000	
	W216M2A	10/17/2002	8330N	{ND on all 19} analytes				3	236	246	34.17	44.17		
	W216M2A	10/17/2002	E314.0	{ND on all 1} analytes				II	236	246	34.17	44.17		
	W216M2A	10/17/2002	OC21V	{ND on all 44} analytes				3	236	246	34.17	44.17		
	W216M2A	11/21/2002	8330N	{ND on all 19} analytes				II	236	246	34.17	44.17		
	W216M2A	11/21/2002	E314.0	{ND on all 1} analytes				II	236	246	34.17	44.17		
	W216M2A	11/21/2002	OC21V	{ND on all 43} analytes				II	236	246	34.17	44.17		
	W216M2A	12/18/2002	8330N	{ND on all 19} analytes				II	236	246	34.17	44.17		
	W216M2D	12/18/2002	8330N	{ND on all 19} analytes				II	236	246	34.17	44.17		
	W216M2A	12/18/2002	E314.0	{ND on all 1} analytes				II	236	246	34.17	44.17		
	W216M2D	12/18/2002	E314.0	{ND on all 1} analytes				II	236	246	34.17	44.17		
	W216M2A	12/18/2002	OC21V	{ND on all 43} analytes				II	236	246	34.17	44.17		
	W216M2D	12/18/2002	OC21V	{ND on all 43} analytes				II	236	246	34.17	44.17		
	W216M2A	01/23/2003	8330N	{ND on all 19} analytes				II	236	246	34.17	44.17		
	W216M2A	01/23/2003	E314.0	{ND on all 1} analytes				3	236	246	34.17	44.17		
	W216M2A	01/23/2003	OC21V	{ND on all 44} analytes				II	236	246	34.17	44.17		
	W216M2A	02/25/2003	8330N	{ND on all 19} analytes				II	236	246	34.17	44.17		
	W216M2A	02/25/2003	E314.0	{ND on all 1} analytes				II	236	246	34.17	44.17		
	W216M2A	02/25/2003	OC21V	{ND on all 43} analytes				II	236	246	34.17	44.17		
	W216M2A	05/05/2003	E314.0	{ND on all 1} analytes				II	236	246	34.17	44.17		
	W216M2A	08/29/2003	E314.0	{ND on all 1} analytes				II	236	246	34.17	44.17		
	W216M2D	08/29/2003	E314.0	{ND on all 1} analytes				II	236	246	34.17	44.17		
	W216M2A	01/09/2004	E314.0	{ND on all 1} analytes				II	236	246	34.17	44.17		
	W216M2A	04/05/2004	E314.0	{ND on all 1} analytes				II	236	246	34.17	44.17		
	W216M2A	08/03/2004	E314.0	{ND on all 1} analytes				II	236	246	34.17	44.17		
	W216M2D	08/03/2004	E314.0	{ND on all 1} analytes				II	236	246	34.17	44.17		
	W216M2A	01/20/2005	E314.0	{ND on all 1} analytes				II	236	246	34.17	44.17		
	W216M2A	06/08/2005	E314.0	{ND on all 1} analytes				II	236	246	34.17	44.17		
	W216M2A	07/29/2005	E314.0	{ND on all 1} analytes				3	236	246	34.17	44.17		
	W216M2A	12/21/2005	E314.0	{ND on all 1} analytes				II	236	246	34.17	44.17		
MW-216S	W216SSA	08/01/2002	8330N	{ND on all 19} analytes				II	199	209	0	7.13		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W216SSA	08/01/2002	E314.0	PERCHLORATE	0.72	J	UG/L	II	199	209	0	7.13		
	W216SSA	08/01/2002	OC21V	CHLOROFORM	0.3	J	UG/L	II	199	209	0	7.13	80	
	W216SSA	08/01/2002	OL21P	{ND on all 28} analytes				II	199	209	0	7.13		
	W216SSA	10/18/2002	8330N	{ND on all 19} analytes				3	199	209	0	7.13		
	W216SSA	10/18/2002	E314.0	PERCHLORATE	0.49	J	UG/L	II	199	209	0	7.13		
	W216SSA	10/18/2002	OC21V	CHLOROFORM	0.3	J	UG/L	3	199	209	0	7.13	80	
	W216SSA	10/18/2002	OL21P	{ND on all 28} analytes				3	199	209	0	7.13		
	W216SSA	11/21/2002	8330N	{ND on all 19} analytes				II	199	209	0	7.13		
	W216SSA	11/21/2002	E314.0	PERCHLORATE	0.61	J	UG/L	II	199	209	0	7.13		
	W216SSA	11/21/2002	OC21V	CHLOROFORM	0.3	J	UG/L	II	199	209	0	7.13	80	
	W216SSA	12/18/2002	8330N	{ND on all 19} analytes				II	199	209	0	7.13		
	W216SSA	12/18/2002	E314.0	PERCHLORATE	0.63	J	UG/L	II	199	209	0	7.13		
	W216SSA	12/18/2002	OC21V	CHLOROFORM	0.3	J	UG/L	II	199	209	0	7.13	80	
	W216SSA	01/24/2003	8330N	{ND on all 19} analytes				II	199	209	0	7.13		
	W216SSA	01/24/2003	E314.0	PERCHLORATE	0.68	J	UG/L	3	199	209	0	7.13		
	W216SSA	01/24/2003	OC21V	CHLOROFORM	0.3	J	UG/L	II	199	209	0	7.13	80	
	W216SSA	02/26/2003	8330N	{ND on all 19} analytes				II	199	209	0	7.13		
	W216SSA	02/26/2003	E314.0	PERCHLORATE	0.73	J	UG/L	II	199	209	0	7.13		
	W216SSA	02/26/2003	OC21V	CHLOROFORM	0.3	J	UG/L	II	199	209	0	7.13	80	
	W216SSA	02/26/2003	OL21P	{ND on all 28} analytes				II	199	209	0	7.13		
	W216SSA	05/05/2003	E314.0	PERCHLORATE	0.62	J	UG/L	II	199	209	0	7.13		
	W216SSA	09/02/2003	E314.0	PERCHLORATE	0.45	J	UG/L	II	199	209	0	7.13		
	W216SSA	01/14/2004	E314.0	PERCHLORATE	0.47	J	UG/L	II	199	209	0	7.13		
	W216SSA	02/13/2004	8330N	{ND on all 19} analytes				II	199	209	0	7.13		
	W216SSA	02/13/2004	OL21P	{ND on all 28} analytes				II	199	209	0	7.13		
	W216SSA	03/16/2004	8330N	{ND on all 19} analytes				3	199	209	0	7.13		
	W216SSA	04/05/2004	E314.0	PERCHLORATE	0.76	J	UG/L	II	199	209	0	7.13		
	W216SSD	04/05/2004	E314.0	PERCHLORATE	0.76	J	UG/L	II	199	209	0	7.13		
	W216SSA	08/30/2004	E314.0	PERCHLORATE	1.21		UG/L	II	199	209	0	7.13		
	W216SSA	01/20/2005	8330N	{ND on all 19} analytes				II	199	209	0	7.13		
	W216SSA	01/20/2005	E314.0	PERCHLORATE	0.59	J	UG/L	II	199	209	0	7.13		
	W216SSA	06/08/2005	E314.0	{ND on all 1} analytes				II	199	209	0	7.13		
	W216SSA	07/29/2005	8330N	{ND on all 19} analytes				3	199	209	0	7.13		
	W216SSA	07/29/2005	E314.0	PERCHLORATE	0.59	J	UG/L	3	199	209	0	7.13		
	W216SSA	12/21/2005	E314.0	{ND on all 1} analytes				II	199	209	0	7.13		
MW-219M1	W219M1A	07/24/2002	8330N	{ND on all 19} analytes				II	357	367	178	188		
	W219M1A	07/24/2002	E314.0	{ND on all 1} analytes				3	357	367	178	188		
	W219M1A	07/24/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	357	367	178	188	80	
	W219M1A	08/20/2002	8330N	{ND on all 19} analytes				II	357	367	178	188		
	W219M1A	08/20/2002	E314.0	{ND on all 1} analytes				II	357	367	178	188		
	W219M1A	08/20/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	357	367	178	188	80	
	W219M1A	09/24/2002	8330N	{ND on all 19} analytes				II	357	367	178	188		
	W219M1D	09/24/2002	8330N	{ND on all 19} analytes				II	357	367	178	188		
	W219M1A	09/24/2002	E314.0	{ND on all 1} analytes				II	357	367	178	188		
	W219M1D	09/24/2002	E314.0	{ND on all 1} analytes				II	357	367	178	188		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W219M1A	09/24/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	357	367	178	188	80	
	W219M1D	09/24/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	357	367	178	188	80	
	W219M1A	10/21/2002	8330N	{ND on all 19} analytes				II	357	367	178	188		
	W219M1A	10/21/2002	E314.0	{ND on all 1} analytes				3	357	367	178	188		
	W219M1A	10/21/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	357	367	178	188	80	
	W219M1A	11/01/2002	E314.0	{ND on all 1} analytes				II	357	367	178	188		
	W219M1A	12/17/2002	8330N	{ND on all 19} analytes				II	357	367	178	188		
	W219M1A	12/17/2002	E314.0	{ND on all 1} analytes				II	357	367	178	188		
	W219M1A	12/17/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	357	367	178	188	80	
	W219M1A	01/24/2003	8330N	{ND on all 19} analytes				II	357	367	178	188		
	W219M1A	01/24/2003	E314.0	{ND on all 1} analytes				3	357	367	178	188		
	W219M1A	01/24/2003	OC21V	CHLOROFORM	0.4	J	UG/L	II	357	367	178	188	80	
	W219M1A	02/24/2003	8330N	{ND on all 19} analytes				II	357	367	178	188		
	W219M1A	02/24/2003	E314.0	{ND on all 1} analytes				3	357	367	178	188		
	W219M1A	02/24/2003	OC21V	CHLOROFORM	0.5	J	UG/L	II	357	367	178	188	80	
	W219M1A	05/02/2003	E314.0	{ND on all 1} analytes				II	357	367	178	188		
	W219M1D	05/02/2003	E314.0	{ND on all 1} analytes				II	357	367	178	188		
	W219M1A	06/05/2003	E314.0	{ND on all 1} analytes				II	357	367	178	188		
	W219M1A	07/02/2003	E314.0	{ND on all 1} analytes				II	357	367	178	188		
	W219M1A	08/05/2003	E314.0	{ND on all 1} analytes				II	357	367	178	188		
	W219M1A	09/05/2003	E314.0	{ND on all 1} analytes				II	357	367	178	188		
	W219M1A	10/07/2003	E314.0	{ND on all 1} analytes				II	357	367	178	188		
	W219M1A	11/06/2003	E314.0	{ND on all 1} analytes				II	357	367	178	188		
	W219M1A	12/03/2003	E314.0	{ND on all 1} analytes				II	357	367	178	188		
	W219M1A	01/21/2004	E314.0	{ND on all 1} analytes				II	357	367	178	188		
	W219M1A	02/23/2004	E314.0	{ND on all 1} analytes				II	357	367	178	188		
	W219M1A	03/17/2004	E314.0	{ND on all 1} analytes				II	357	367	178	188		
	W219M1A	04/20/2004	8330N	{ND on all 19} analytes				II	357	367	178	188		
	W219M1A	04/20/2004	E314.0	{ND on all 1} analytes				II	357	367	178	188		
	W219M1A	07/13/2004	8330N	{ND on all 19} analytes				II	357	367	178	188		
	W219M1A	07/13/2004	E314.0	{ND on all 1} analytes				II	357	367	178	188		
	W219M1A	10/06/2004	8330N	{ND on all 19} analytes				II	357	367	178	188		
	W219M1A	10/06/2004	E314.0	{ND on all 1} analytes				II	357	367	178	188		
	W219M1A	02/02/2005	8330N	{ND on all 19} analytes				II	357	367	178	188		
	W219M1A	02/02/2005	E314.0	{ND on all 1} analytes				II	357	367	178	188		
	W219M1A	05/10/2005	8330N	{ND on all 19} analytes				II	357	367	178	188		
	W219M1A	05/10/2005	E314.0	{ND on all 1} analytes				3	357	367	178	188		
	W219M1A	07/15/2005	8330N	{ND on all 19} analytes				II	357	367	178	188		
	W219M1A	07/15/2005	E314.0	{ND on all 1} analytes				II	357	367	178	188		
	W219M1A	10/18/2005	8330N	{ND on all 19} analytes				II	357	367	178	188		
	W219M1A	10/18/2005	E314.0	{ND on all 1} analytes				II	357	367	178	188		
MW-219M2	W219M2A	07/24/2002	8330N	{ND on all 19} analytes				II	332	342	153.05	163.05		
	W219M2A	07/24/2002	E314.0	{ND on all 1} analytes				3	332	342	153.05	163.05		
	W219M2A	07/24/2002	OC21V	CHLOROFORM	0.2	J	UG/L	II	332	342	153.05	163.05	80	
	W219M2A	08/21/2002	8330N	{ND on all 19} analytes				II	332	342	153.05	163.05		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W219M2A	08/21/2002	E314.0	{ND on all 1} analytes				II	332	342	153.05	163.05		
	W219M2A	08/21/2002	OC21V	CHLOROFORM	0.3	J	UG/L	II	332	342	153.05	163.05	80	
	W219M2A	09/23/2002	8330N	{ND on all 19} analytes				II	332	342	153.05	163.05		
	W219M2A	09/23/2002	E314.0	{ND on all 1} analytes				II	332	342	153.05	163.05		
	W219M2A	09/23/2002	OC21V	CHLOROFORM	0.2	J	UG/L	II	332	342	153.05	163.05	80	
	W219M2A	10/21/2002	8330N	{ND on all 19} analytes				II	332	342	153.05	163.05		
	W219M2A	10/21/2002	E314.0	{ND on all 1} analytes				3	332	342	153.05	163.05		
	W219M2A	10/21/2002	OC21V	CHLOROFORM	1		UG/L	II	332	342	153.05	163.05	80	
	W219M2A	12/17/2002	8330N	{ND on all 19} analytes				II	332	342	153.05	163.05		
	W219M2A	12/17/2002	E314.0	{ND on all 1} analytes				II	332	342	153.05	163.05		
	W219M2A	12/17/2002	OC21V	CHLOROFORM	0.3	J	UG/L	II	332	342	153.05	163.05	80	
	W219M2A	01/24/2003	8330N	{ND on all 19} analytes				II	332	342	153.05	163.05		
	W219M2A	01/24/2003	E314.0	{ND on all 1} analytes				3	332	342	153.05	163.05		
	W219M2A	01/24/2003	OC21V	CHLOROFORM	0.3	J	UG/L	II	332	342	153.05	163.05	80	
	W219M2A	02/26/2003	8330N	{ND on all 19} analytes				II	332	342	153.05	163.05		
	W219M2A	02/26/2003	E314.0	{ND on all 1} analytes				II	332	342	153.05	163.05		
	W219M2A	02/26/2003	OC21V	CHLOROFORM	0.3	J	UG/L	II	332	342	153.05	163.05	80	
	W219M2A	05/02/2003	E314.0	{ND on all 1} analytes				II	332	342	153.05	163.05		
	W219M2A	06/06/2003	E314.0	{ND on all 1} analytes				II	332	342	153.05	163.05		
	W219M2A	07/02/2003	E314.0	{ND on all 1} analytes				II	332	342	153.05	163.05		
	W219M2A	08/05/2003	E314.0	{ND on all 1} analytes				II	332	342	153.05	163.05		
	W219M2A	09/05/2003	E314.0	{ND on all 1} analytes				II	332	342	153.05	163.05		
	W219M2D	09/05/2003	E314.0	{ND on all 1} analytes				II	332	342	153.05	163.05		
	W219M2A	10/07/2003	E314.0	{ND on all 1} analytes				II	332	342	153.05	163.05		
	W219M2D	10/07/2003	E314.0	{ND on all 1} analytes				II	332	342	153.05	163.05		
	W219M2A	11/06/2003	E314.0	{ND on all 1} analytes				II	332	342	153.05	163.05		
	W219M2A	12/03/2003	E314.0	{ND on all 1} analytes				II	332	342	153.05	163.05		
	W219M2A	01/21/2004	E314.0	{ND on all 1} analytes				II	332	342	153.05	163.05		
	W219M2A	02/20/2004	E314.0	{ND on all 1} analytes				II	332	342	153.05	163.05		
	W219M2A	03/17/2004	E314.0	{ND on all 1} analytes				II	332	342	153.05	163.05		
	W219M2D	03/17/2004	E314.0	{ND on all 1} analytes				II	332	342	153.05	163.05		
	W219M2A	04/20/2004	8330N	{ND on all 19} analytes				II	332	342	153.05	163.05		
	W219M2A	04/20/2004	E314.0	{ND on all 1} analytes				II	332	342	153.05	163.05		
	W219M2A	07/14/2004	8330N	{ND on all 19} analytes				II	332	342	153.05	163.05		
	W219M2A	07/14/2004	E314.0	{ND on all 1} analytes				II	332	342	153.05	163.05		
	W219M2A	10/06/2004	8330N	{ND on all 19} analytes				II	332	342	153.05	163.05		
	W219M2A	10/06/2004	E314.0	{ND on all 1} analytes				II	332	342	153.05	163.05		
	W219M2A	02/03/2005	8330N	{ND on all 19} analytes				II	332	342	153.05	163.05		
	W219M2A	02/03/2005	E314.0	{ND on all 1} analytes				II	332	342	153.05	163.05		
	W219M2A	05/10/2005	8330N	{ND on all 19} analytes				II	332	342	153.05	163.05		
	W219M2A	05/10/2005	E314.0	{ND on all 1} analytes				II	332	342	153.05	163.05		
	W219M2A	07/19/2005	8330N	{ND on all 19} analytes				II	332	342	153.05	163.05		
	W219M2A	07/19/2005	E314.0	{ND on all 1} analytes				II	332	342	153.05	163.05		
	W219M2A	10/19/2005	8330N	{ND on all 19} analytes				II	332	342	153.05	163.05		
	W219M2D	10/19/2005	8330N	{ND on all 19} analytes				II	332	342	153.05	163.05		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W219M2A	10/19/2005	E314.0	{ND on all 1} analytes				II	332	342	153.05	163.05		
	W219M2D	10/19/2005	E314.0	{ND on all 1} analytes				II	332	342	153.05	163.05		
MW-219M3	W219M3A	07/24/2002	8330N	{ND on all 19} analytes				II	315	325	135.8	145.8		
	W219M3D	07/24/2002	8330N	{ND on all 19} analytes				II	315	325	135.8	145.8		
	W219M3A	07/24/2002	E314.0	{ND on all 1} analytes				3	315	325	135.8	145.8		
	W219M3D	07/24/2002	E314.0	{ND on all 1} analytes				3	315	325	135.8	145.8		
	W219M3A	07/24/2002	OC21V	CHLOROFORM	0.2	J	UG/L	II	315	325	135.8	145.8	80	
	W219M3D	07/24/2002	OC21V	CHLOROFORM	0.3	J	UG/L	II	315	325	135.8	145.8	80	
	W219M3A	08/21/2002	8330N	{ND on all 19} analytes				II	315	325	135.8	145.8		
	W219M3A	08/21/2002	E314.0	{ND on all 1} analytes				II	315	325	135.8	145.8		
	W219M3A	08/21/2002	OC21V	CHLOROFORM	0.3	J	UG/L	II	315	325	135.8	145.8	80	
	W219M3A	09/23/2002	8330N	{ND on all 19} analytes				II	315	325	135.8	145.8		
	W219M3A	09/23/2002	E314.0	{ND on all 1} analytes				II	315	325	135.8	145.8		
	W219M3A	09/23/2002	OC21V	CHLOROFORM	1		UG/L	II	315	325	135.8	145.8	80	
	W219M3A	10/21/2002	8330N	{ND on all 19} analytes				II	315	325	135.8	145.8		
	W219M3D	10/21/2002	8330N	{ND on all 19} analytes				II	315	325	135.8	145.8		
	W219M3A	10/21/2002	E314.0	{ND on all 1} analytes				3	315	325	135.8	145.8		
	W219M3D	10/21/2002	E314.0	{ND on all 1} analytes				3	315	325	135.8	145.8		
	W219M3A	10/21/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	315	325	135.8	145.8	80	
	W219M3D	10/21/2002	OC21V	CHLOROFORM	1		UG/L	II	315	325	135.8	145.8	80	
	W219M3A	12/17/2002	8330N	{ND on all 19} analytes				II	315	325	135.8	145.8		
	W219M3A	12/17/2002	E314.0	{ND on all 1} analytes				II	315	325	135.8	145.8		
	W219M3A	12/17/2002	OC21V	CHLOROFORM	0.3	J	UG/L	II	315	325	135.8	145.8	80	
	W219M3A	01/23/2003	8330N	{ND on all 19} analytes				II	315	325	135.8	145.8		
	W219M3A	01/23/2003	E314.0	{ND on all 1} analytes				3	315	325	135.8	145.8		
	W219M3A	01/23/2003	OC21V	CHLOROFORM	0.3	J	UG/L	II	315	325	135.8	145.8	80	
	W219M3A	02/24/2003	8330N	{ND on all 19} analytes				II	315	325	135.8	145.8		
	W219M3A	02/24/2003	E314.0	{ND on all 1} analytes				3	315	325	135.8	145.8		
	W219M3A	02/24/2003	OC21V	CHLOROFORM	0.5	J	UG/L	II	315	325	135.8	145.8	80	
	W219M3A	05/02/2003	E314.0	{ND on all 1} analytes				II	315	325	135.8	145.8		
	W219M3A	06/05/2003	E314.0	{ND on all 1} analytes				II	315	325	135.8	145.8		
	W219M3A	07/02/2003	E314.0	{ND on all 1} analytes				II	315	325	135.8	145.8		
	W219M3A	08/05/2003	E314.0	{ND on all 1} analytes				II	315	325	135.8	145.8		
	W219M3A	09/05/2003	E314.0	{ND on all 1} analytes				II	315	325	135.8	145.8		
	W219M3A	10/07/2003	E314.0	{ND on all 1} analytes				II	315	325	135.8	145.8		
	W219M3A	11/06/2003	E314.0	{ND on all 1} analytes				II	315	325	135.8	145.8		
	W219M3D	11/06/2003	E314.0	{ND on all 1} analytes				II	315	325	135.8	145.8		
	W219M3A	12/03/2003	E314.0	{ND on all 1} analytes				II	315	325	135.8	145.8		
	W219M3A	01/21/2004	E314.0	{ND on all 1} analytes				II	315	325	135.8	145.8		
	W219M3A	02/20/2004	E314.0	{ND on all 1} analytes				II	315	325	135.8	145.8		
	W219M3A	03/17/2004	E314.0	{ND on all 1} analytes				II	315	325	135.8	145.8		
	W219M3A	04/20/2004	8330N	{ND on all 19} analytes				II	315	325	135.8	145.8		
	W219M3A	04/20/2004	E314.0	{ND on all 1} analytes				II	315	325	135.8	145.8		
	W219M3A	07/13/2004	8330N	{ND on all 19} analytes				II	315	325	135.8	145.8		
	W219M3A	07/13/2004	E314.0	{ND on all 1} analytes				II	315	325	135.8	145.8		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W219M3A	10/06/2004	8330N	{ND on all 19} analytes				II	315	325	135.8	145.8		
	W219M3A	10/06/2004	E314.0	{ND on all 1} analytes				II	315	325	135.8	145.8		
	W219M3A	02/02/2005	8330N	{ND on all 19} analytes				II	315	325	135.8	145.8		
	W219M3A	02/02/2005	E314.0	{ND on all 1} analytes				II	315	325	135.8	145.8		
	W219M3A	05/10/2005	8330N	{ND on all 19} analytes				II	315	325	135.8	145.8		
	W219M3A	05/10/2005	E314.0	{ND on all 1} analytes				3	315	325	135.8	145.8		
	W219M3A	07/15/2005	8330N	{ND on all 19} analytes				II	315	325	135.8	145.8		
	W219M3A	07/15/2005	E314.0	{ND on all 1} analytes				II	315	325	135.8	145.8		
	W219M3A	10/18/2005	8330N	{ND on all 19} analytes				II	315	325	135.8	145.8		
	W219M3A	10/18/2005	E314.0	{ND on all 1} analytes				II	315	325	135.8	145.8		
MW-219M4	W219M4A	07/24/2002	8330N	{ND on all 19} analytes				II	225	235	45.7	55.7		
	W219M4A	07/24/2002	E314.0	{ND on all 1} analytes				3	225	235	45.7	55.7		
	W219M4A	07/24/2002	OC21V	CHLOROFORM	1		UG/L	II	225	235	45.7	55.7	80	
	W219M4A	08/21/2002	8330N	{ND on all 19} analytes				II	225	235	45.7	55.7		
	W219M4A	08/21/2002	E314.0	{ND on all 1} analytes				II	225	235	45.7	55.7		
	W219M4A	08/21/2002	OC21V	CHLOROFORM	1		UG/L	II	225	235	45.7	55.7	80	
	W219M4A	09/23/2002	8330N	{ND on all 19} analytes				II	225	235	45.7	55.7		
	W219M4A	09/23/2002	E314.0	{ND on all 1} analytes				II	225	235	45.7	55.7		
	W219M4A	09/23/2002	OC21V	CHLOROFORM	0.2	J	UG/L	II	225	235	45.7	55.7	80	
	W219M4A	10/21/2002	8330N	{ND on all 19} analytes				II	225	235	45.7	55.7		
	W219M4A	10/21/2002	E314.0	{ND on all 1} analytes				3	225	235	45.7	55.7		
	W219M4A	10/21/2002	OC21V	CHLOROFORM	1		UG/L	II	225	235	45.7	55.7	80	
	W219M4A	12/17/2002	8330N	{ND on all 19} analytes				II	225	235	45.7	55.7		
	W219M4A	12/17/2002	E314.0	{ND on all 1} analytes				II	225	235	45.7	55.7		
	W219M4A	12/17/2002	OC21V	CHLOROFORM	1		UG/L	II	225	235	45.7	55.7	80	
	W219M4A	01/24/2003	8330N	{ND on all 19} analytes				II	225	235	45.7	55.7		
	W219M4A	01/24/2003	E314.0	{ND on all 1} analytes				3	225	235	45.7	55.7		
	W219M4A	01/24/2003	OC21V	CHLOROFORM	1		UG/L	II	225	235	45.7	55.7	80	
	W219M4A	02/27/2003	8330N	{ND on all 19} analytes				II	225	235	45.7	55.7		
	W219M4A	02/27/2003	E314.0	{ND on all 1} analytes				II	225	235	45.7	55.7		
	W219M4A	02/27/2003	OC21V	CHLOROFORM	1		UG/L	II	225	235	45.7	55.7	80	
	W219M4A	05/23/2003	E314.0	{ND on all 1} analytes				3	225	235	45.7	55.7		
	W219M4D	05/23/2003	E314.0	{ND on all 1} analytes				3	225	235	45.7	55.7		
	W219M4A	06/06/2003	E314.0	{ND on all 1} analytes				II	225	235	45.7	55.7		
	W219M4A	07/02/2003	E314.0	{ND on all 1} analytes				II	225	235	45.7	55.7		
	W219M4A	08/05/2003	E314.0	{ND on all 1} analytes				II	225	235	45.7	55.7		
	W219M4A	09/05/2003	E314.0	{ND on all 1} analytes				II	225	235	45.7	55.7		
	W219M4A	10/07/2003	E314.0	{ND on all 1} analytes				II	225	235	45.7	55.7		
	W219M4A	11/11/2003	E314.0	{ND on all 1} analytes				II	225	235	45.7	55.7		
	W219M4A	12/03/2003	E314.0	{ND on all 1} analytes				II	225	235	45.7	55.7		
	W219M4A	01/21/2004	E314.0	{ND on all 1} analytes				II	225	235	45.7	55.7		
	W219M4A	02/19/2004	E314.0	{ND on all 1} analytes				II	225	235	45.7	55.7		
	W219M4A	03/18/2004	E314.0	{ND on all 1} analytes				II	225	235	45.7	55.7		
	W219M4A	04/19/2004	8330N	{ND on all 19} analytes				II	225	235	45.7	55.7		
	W219M4A	04/19/2004	E314.0	{ND on all 1} analytes				II	225	235	45.7	55.7		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W219M4A	07/14/2004	8330N	{ND on all 19} analytes				II	225	235	45.7	55.7		
	W219M4A	07/14/2004	E314.0	{ND on all 1} analytes				II	225	235	45.7	55.7		
	W219M4A	10/07/2004	8330N	{ND on all 19} analytes				II	225	235	45.7	55.7		
	W219M4A	10/07/2004	E314.0	{ND on all 1} analytes				II	225	235	45.7	55.7		
	W219M4A	02/03/2005	8330N	{ND on all 19} analytes				II	225	235	45.7	55.7		
	W219M4A	02/03/2005	E314.0	{ND on all 1} analytes				II	225	235	45.7	55.7		
	W219M4A	05/10/2005	8330N	{ND on all 19} analytes				II	225	235	45.7	55.7		
	W219M4A	05/10/2005	E314.0	{ND on all 1} analytes				3	225	235	45.7	55.7		
	W219M4A	07/15/2005	8330N	{ND on all 19} analytes				II	225	235	45.7	55.7		
	W219M4D	07/15/2005	8330N	{ND on all 19} analytes				II	225	235	45.7	55.7		
	W219M4A	07/15/2005	E314.0	{ND on all 1} analytes				II	225	235	45.7	55.7		
	W219M4D	07/15/2005	E314.0	{ND on all 1} analytes				II	225	235	45.7	55.7		
	W219M4A	10/18/2005	8330N	{ND on all 19} analytes				II	225	235	45.7	55.7		
	W219M4A	10/18/2005	E314.0	{ND on all 1} analytes				II	225	235	45.7	55.7		
MW-226M1	W226M1A	08/02/2002	8330N	{ND on all 19} analytes				II	285	295	172	182		
	W226M1A	08/02/2002	E314.0	{ND on all 1} analytes				II	285	295	172	182		
	W226M1A	08/02/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	285	295	172	182	80	
	W226M1A	09/07/2002	8330N	{ND on all 19} analytes				II	285	295	172	182		
	W226M1A	09/07/2002	E314.0	{ND on all 1} analytes				3	285	295	172	182		
	W226M1A	09/07/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	285	295	172	182	80	
	W226M1A	10/11/2002	8330N	{ND on all 19} analytes				II	285	295	172	182		
	W226M1A	10/11/2002	E314.0	{ND on all 1} analytes				II	285	295	172	182		
	W226M1A	10/11/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	285	295	172	182	80	
	W226M1A	12/19/2002	8330N	{ND on all 19} analytes				II	285	295	172	182		
	W226M1A	12/19/2002	E314.0	{ND on all 1} analytes				3	285	295	172	182		
	W226M1A	12/19/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	285	295	172	182	80	
	W226M1A	01/24/2003	8330N	{ND on all 19} analytes				II	285	295	172	182		
	W226M1A	01/24/2003	E314.0	{ND on all 1} analytes				3	285	295	172	182		
	W226M1A	01/24/2003	OC21V	CHLOROFORM	0.4	J	UG/L	II	285	295	172	182	80	
	W226M1A	02/24/2003	8330N	{ND on all 19} analytes				II	285	295	172	182		
	W226M1A	02/24/2003	E314.0	{ND on all 1} analytes				3	285	295	172	182		
	W226M1A	02/24/2003	OC21V	CHLOROFORM	0.4	J	UG/L	II	285	295	172	182	80	
	W226M1A	05/01/2003	E314.0	{ND on all 1} analytes				II	285	295	172	182		
	W226M1A	09/29/2003	E314.0	{ND on all 1} analytes				II	285	295	172	182		
	W226M1A	01/09/2004	E314.0	{ND on all 1} analytes				II	285	295	172	182		
	W226M1A	04/02/2004	E314.0	{ND on all 1} analytes				II	285	295	172	182		
	W226M1A	08/09/2004	E314.0	{ND on all 1} analytes				3	285	295	172	182		
	W226M1A	03/29/2005	E314.0	{ND on all 1} analytes				II	285	295	172	182		
	W226M1A	06/01/2005	E314.0	{ND on all 1} analytes				3	285	295	172	182		
	W226M1A	07/27/2005	E314.0	{ND on all 1} analytes				3	285	295	172	182		
	W226M1A	12/23/2005	E314.0	{ND on all 1} analytes				II	285	295	172	182		
MW-226M2	W226M2A	08/01/2002	8330N	{ND on all 19} analytes				II	175	185	61.7	71.7		
	W226M2A	08/01/2002	E314.0	PERCHLORATE	1.3	J	UG/L	II	175	185	61.7	71.7		
	W226M2A	08/01/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	175	185	61.7	71.7	80	
	W226M2A	08/01/2002	OC21V	CHLOROMETHANE	0.5	J	UG/L	II	175	185	61.7	71.7	30	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W226M2A	09/07/2002	8330N	{ND on all 19} analytes				II	175	185	61.7	71.7		
	W226M2D	09/07/2002	8330N	{ND on all 19} analytes				II	175	185	61.7	71.7		
	W226M2A	09/07/2002	E314.0	PERCHLORATE	1.33		UG/L	3	175	185	61.7	71.7		
	W226M2D	09/07/2002	E314.0	PERCHLORATE	1.1		UG/L	3	175	185	61.7	71.7		
	W226M2A	09/07/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	175	185	61.7	71.7	80	
	W226M2D	09/07/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	175	185	61.7	71.7	80	
	W226M2A	10/11/2002	8330N	{ND on all 19} analytes				II	175	185	61.7	71.7		
	W226M2A	10/11/2002	E314.0	PERCHLORATE	0.92	J	UG/L	II	175	185	61.7	71.7		
	W226M2A	10/11/2002	OC21V	CHLOROFORM	1		UG/L	II	175	185	61.7	71.7	80	
	W226M2A	12/19/2002	8330N	{ND on all 19} analytes				II	175	185	61.7	71.7		
	W226M2A	12/19/2002	E314.0	PERCHLORATE	1.48		UG/L	3	175	185	61.7	71.7		
	W226M2A	12/19/2002	OC21V	CHLOROFORM	1		UG/L	II	175	185	61.7	71.7	80	
	W226M2A	01/24/2003	8330N	{ND on all 19} analytes				II	175	185	61.7	71.7		
	W226M2A	01/24/2003	E314.0	PERCHLORATE	1.39		UG/L	3	175	185	61.7	71.7		
	W226M2A	01/24/2003	OC21V	CHLOROFORM	0.8	J	UG/L	II	175	185	61.7	71.7	80	
	W226M2A	02/24/2003	8330N	{ND on all 19} analytes				II	175	185	61.7	71.7		
	W226M2A	02/24/2003	E314.0	PERCHLORATE	1.43	J	UG/L	3	175	185	61.7	71.7		
	W226M2A	02/24/2003	OC21V	CHLOROFORM	1		UG/L	II	175	185	61.7	71.7	80	
	W226M2A	05/01/2003	E314.0	PERCHLORATE	1.13		UG/L	II	175	185	61.7	71.7		
	W226M2A	09/29/2003	E314.0	PERCHLORATE	0.75	J	UG/L	II	175	185	61.7	71.7		
	W226M2A	01/08/2004	E314.0	PERCHLORATE	0.74	J	UG/L	II	175	185	61.7	71.7		
	W226M2A	04/02/2004	E314.0	PERCHLORATE	0.65	J	UG/L	II	175	185	61.7	71.7		
	W226M2A	08/09/2004	E314.0	PERCHLORATE	0.43	J	UG/L	3	175	185	61.7	71.7		
	W226M2A	03/29/2005	E314.0	PERCHLORATE	0.54	J	UG/L	II	175	185	61.7	71.7		
	W226M2D	03/29/2005	E314.0	PERCHLORATE	0.58	J	UG/L	II	175	185	61.7	71.7		
	W226M2A	06/01/2005	E314.0	PERCHLORATE	0.84	J	UG/L	3	175	185	61.7	71.7		
	W226M2A	08/22/2005	E314.0	PERCHLORATE	0.71	J	UG/L	II	175	185	61.7	71.7		
	W226M2A	12/23/2005	E314.0	{ND on all 1} analytes				II	175	185	61.7	71.7		
MW-226M3	W226M3A	08/01/2002	8330N	{ND on all 19} analytes				II	135	145	21.53	31.53		
	W226M3A	08/01/2002	E314.0	{ND on all 1} analytes				II	135	145	21.53	31.53		
	W226M3A	08/01/2002	OC21V	CHLOROFORM	1		UG/L	II	135	145	21.53	31.53	80	
	W226M3A	09/07/2002	8330N	{ND on all 19} analytes				II	135	145	21.53	31.53		
	W226M3A	09/07/2002	E314.0	{ND on all 1} analytes				3	135	145	21.53	31.53		
	W226M3A	09/07/2002	OC21V	CHLOROFORM	1		UG/L	II	135	145	21.53	31.53	80	
	W226M3A	10/10/2002	8330N	{ND on all 19} analytes				II	135	145	21.53	31.53		
	W226M3A	10/10/2002	E314.0	PERCHLORATE	0.36	J	UG/L	II	135	145	21.53	31.53		
	W226M3A	10/10/2002	OC21V	CHLOROFORM	1		UG/L	II	135	145	21.53	31.53	80	
	W226M3A	12/19/2002	8330N	{ND on all 19} analytes				II	135	145	21.53	31.53		
	W226M3A	12/19/2002	E314.0	{ND on all 1} analytes				3	135	145	21.53	31.53		
	W226M3A	12/19/2002	OC21V	CHLOROFORM	1		UG/L	II	135	145	21.53	31.53	80	
	W226M3A	01/24/2003	8330N	{ND on all 19} analytes				II	135	145	21.53	31.53		
	W226M3A	01/24/2003	E314.0	PERCHLORATE	0.36	J	UG/L	3	135	145	21.53	31.53		
	W226M3A	01/24/2003	OC21V	CHLOROFORM	1		UG/L	II	135	145	21.53	31.53	80	
	W226M3A	02/24/2003	8330N	{ND on all 19} analytes				II	135	145	21.53	31.53		
	W226M3D	02/24/2003	8330N	{ND on all 19} analytes				II	135	145	21.53	31.53		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W226M3A	02/24/2003	E314.0	{ND on all 1} analytes				3	135	145	21.53	31.53		
	W226M3D	02/24/2003	E314.0	{ND on all 1} analytes				3	135	145	21.53	31.53		
	W226M3A	02/24/2003	OC21V	CHLOROFORM	1		UG/L	II	135	145	21.53	31.53	80	
	W226M3D	02/24/2003	OC21V	CHLOROFORM	1		UG/L	II	135	145	21.53	31.53	80	
	W226M3A	05/01/2003	E314.0	{ND on all 1} analytes				II	135	145	21.53	31.53		
	W226M3A	09/26/2003	E314.0	{ND on all 1} analytes				II	135	145	21.53	31.53		
	W226M3A	01/09/2004	E314.0	{ND on all 1} analytes				II	135	145	21.53	31.53		
	W226M3A	04/02/2004	E314.0	{ND on all 1} analytes				II	135	145	21.53	31.53		
	W226M3A	08/09/2004	E314.0	{ND on all 1} analytes				3	135	145	21.53	31.53		
	W226M3A	03/29/2005	E314.0	PERCHLORATE	0.53	J	UG/L	II	135	145	21.53	31.53		
	W226M3A	06/01/2005	E314.0	PERCHLORATE	0.7	J	UG/L	3	135	145	21.53	31.53		
	W226M3A	08/22/2005	E314.0	PERCHLORATE	0.71	J	UG/L	II	135	145	21.53	31.53		
	W226M3A	12/23/2005	E314.0	PERCHLORATE	0.4	J	UG/L	II	135	145	21.53	31.53		
MW-233M1	W233M1A	10/03/2002	8330N	{ND on all 19} analytes				II	356	366	157.8	167.8		
	W233M1A	10/03/2002	E314.0	{ND on all 1} analytes				II	356	366	157.8	167.8		
	W233M1A	10/03/2002	OC21V	CHLOROFORM	0.2	J	UG/L	II	356	366	157.8	167.8	80	
	W233M1A	11/06/2002	8330N	{ND on all 19} analytes				II	356	366	157.8	167.8		
	W233M1A	11/06/2002	E314.0	{ND on all 1} analytes				II	356	366	157.8	167.8		
	W233M1A	11/06/2002	OC21V	CHLOROFORM	0.3	J	UG/L	II	356	366	157.8	167.8	80	
	W233M1A	11/06/2002	OC21V	TOLUENE	0.2	J	UG/L	II	356	366	157.8	167.8	1000	
	W233M1A	12/19/2002	8330N	{ND on all 19} analytes				II	356	366	157.8	167.8		
	W233M1A	12/19/2002	E314.0	{ND on all 1} analytes				3	356	366	157.8	167.8		
	W233M1A	12/19/2002	OC21V	CHLOROFORM	0.3	J	UG/L	II	356	366	157.8	167.8	80	
	W233M1A	01/27/2003	8330N	{ND on all 19} analytes				II	356	366	157.8	167.8		
	W233M1A	01/27/2003	E314.0	{ND on all 1} analytes				II	356	366	157.8	167.8		
	W233M1A	01/27/2003	OC21V	CHLOROFORM	0.3	J	UG/L	II	356	366	157.8	167.8	80	
	W233M1A	02/26/2003	8330N	{ND on all 19} analytes				II	356	366	157.8	167.8		
	W233M1A	02/26/2003	E314.0	{ND on all 1} analytes				II	356	366	157.8	167.8		
	W233M1A	02/26/2003	OC21V	CHLOROFORM	0.3	J	UG/L	II	356	366	157.8	167.8	80	
	W233M1A	05/02/2003	E314.0	{ND on all 1} analytes				II	356	366	157.8	167.8		
	W233M1D	05/02/2003	E314.0	{ND on all 1} analytes				II	356	366	157.8	167.8		
	W233M1A	09/26/2003	E314.0	{ND on all 1} analytes				II	356	366	157.8	167.8		
	W233M1A	02/17/2004	E314.0	{ND on all 1} analytes				II	356	366	157.8	167.8		
	W233M1A	04/08/2004	E314.0	{ND on all 1} analytes				II	356	366	157.8	167.8		
	W233M1A	08/05/2004	E314.0	{ND on all 1} analytes				II	356	366	157.8	167.8		
	W233M1A	01/19/2005	E314.0	{ND on all 1} analytes				II	356	366	157.8	167.8		
	W233M1A	06/01/2005	E314.0	{ND on all 1} analytes				3	356	366	157.8	167.8		
	W233M1A	07/25/2005	E314.0	{ND on all 1} analytes				3	356	366	157.8	167.8		
	W233M1A	12/09/2005	E314.0	{ND on all 1} analytes				II	356	366	157.8	167.8		
MW-233M2	W233M2A	10/03/2002	8330N	{ND on all 19} analytes				II	331	341	132.8	142.8		
	W233M2A	10/03/2002	E314.0	{ND on all 1} analytes				II	331	341	132.8	142.8		
	W233M2A	10/03/2002	OC21V	CHLOROFORM	0.3	J	UG/L	II	331	341	132.8	142.8	80	
	W233M2A	11/07/2002	8330N	{ND on all 19} analytes				II	331	341	132.8	142.8		
	W233M2A	11/07/2002	E314.0	{ND on all 1} analytes				II	331	341	132.8	142.8		
	W233M2A	11/07/2002	OC21V	CHLOROFORM	0.3	J	UG/L	II	331	341	132.8	142.8	80	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W233M2A	12/19/2002	8330N	{ND on all 19} analytes				II	331	341	132.8	142.8		
	W233M2A	12/19/2002	E314.0	{ND on all 1} analytes				3	331	341	132.8	142.8		
	W233M2A	12/19/2002	OC21V	CHLOROFORM	0.3	J	UG/L	II	331	341	132.8	142.8	80	
	W233M2A	01/24/2003	8330N	{ND on all 19} analytes				II	331	341	132.8	142.8		
	W233M2A	01/24/2003	E314.0	{ND on all 1} analytes				II	331	341	132.8	142.8		
	W233M2A	02/26/2003	8330N	{ND on all 19} analytes				II	331	341	132.8	142.8		
	W233M2A	02/26/2003	E314.0	{ND on all 1} analytes				II	331	341	132.8	142.8		
	W233M2A	02/26/2003	OC21V	CHLOROFORM	0.3	J	UG/L	II	331	341	132.8	142.8	80	
	W233M2A	05/02/2003	E314.0	{ND on all 1} analytes				II	331	341	132.8	142.8		
	W233M2A	09/26/2003	E314.0	{ND on all 1} analytes				II	331	341	132.8	142.8		
	W233M2A	02/17/2004	E314.0	{ND on all 1} analytes				II	331	341	132.8	142.8		
	W233M2A	04/08/2004	E314.0	{ND on all 1} analytes				II	331	341	132.8	142.8		
	W233M2D	04/08/2004	E314.0	{ND on all 1} analytes				II	331	341	132.8	142.8		
	W233M2A	08/05/2004	E314.0	{ND on all 1} analytes				II	331	341	132.8	142.8		
	W233M2A	01/19/2005	E314.0	{ND on all 1} analytes				II	331	341	132.8	142.8		
	W233M2A	06/01/2005	E314.0	{ND on all 1} analytes				3	331	341	132.8	142.8		
	W233M2A	07/25/2005	E314.0	{ND on all 1} analytes				3	331	341	132.8	142.8		
	W233M2A	12/09/2005	E314.0	{ND on all 1} analytes				II	331	341	132.8	142.8		
MW-233M3	W233M3A	10/03/2002	8330N	{ND on all 19} analytes				II	231	241	32.8	42.8		
	W233M3A	10/03/2002	E314.0	PERCHLORATE	2.2		UG/L	II	231	241	32.8	42.8		
	W233M3A	10/03/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	231	241	32.8	42.8	80	
	W233M3A	11/07/2002	8330N	{ND on all 19} analytes				II	231	241	32.8	42.8		
	W233M3A	11/07/2002	E314.0	PERCHLORATE	1.94		UG/L	II	231	241	32.8	42.8		
	W233M3A	11/07/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	231	241	32.8	42.8	80	
	W233M3A	12/19/2002	8330N	{ND on all 19} analytes				II	231	241	32.8	42.8		
	W233M3A	12/19/2002	E314.0	PERCHLORATE	1.97		UG/L	3	231	241	32.8	42.8		
	W233M3A	12/19/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	231	241	32.8	42.8	80	
	W233M3A	01/24/2003	8330N	{ND on all 19} analytes				II	231	241	32.8	42.8		
	W233M3D	01/24/2003	8330N	{ND on all 19} analytes				II	231	241	32.8	42.8		
	W233M3A	01/24/2003	E314.0	PERCHLORATE	1.68		UG/L	3	231	241	32.8	42.8		
	W233M3D	01/24/2003	E314.0	PERCHLORATE	1.74		UG/L	3	231	241	32.8	42.8		
	W233M3A	01/24/2003	OC21V	CHLOROFORM	0.8	J	UG/L	II	231	241	32.8	42.8	80	
	W233M3D	01/24/2003	OC21V	CHLOROFORM	0.8	J	UG/L	II	231	241	32.8	42.8	80	
	W233M3A	02/26/2003	8330N	{ND on all 19} analytes				II	231	241	32.8	42.8		
	W233M3A	02/26/2003	E314.0	PERCHLORATE	1.49		UG/L	II	231	241	32.8	42.8		
	W233M3A	02/26/2003	OC21V	CHLOROFORM	0.9	J	UG/L	II	231	241	32.8	42.8	80	
	W233M3A	05/02/2003	E314.0	PERCHLORATE	1.25		UG/L	II	231	241	32.8	42.8		
	W233M3A	09/26/2003	E314.0	PERCHLORATE	1.09		UG/L	II	231	241	32.8	42.8		
	W233M3A	02/17/2004	E314.0	PERCHLORATE	1.15		UG/L	II	231	241	32.8	42.8		
	W233M3A	04/08/2004	E314.0	PERCHLORATE	1.58		UG/L	II	231	241	32.8	42.8		
	W233M3A	08/05/2004	E314.0	PERCHLORATE	0.83	J	UG/L	II	231	241	32.8	42.8		
	W233M3A	01/19/2005	E314.0	PERCHLORATE	1.62	J	UG/L	II	231	241	32.8	42.8		
	W233M3A	06/01/2005	E314.0	PERCHLORATE	2.7	J	UG/L	3	231	241	32.8	42.8		
	W233M3A	07/25/2005	E314.0	PERCHLORATE	2	J	UG/L	3	231	241	32.8	42.8		
	W233M3A	12/09/2005	E314.0	PERCHLORATE	1.5		UG/L	II	231	241	32.8	42.8		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W233M3D	12/09/2005	E314.0	PERCHLORATE	1.3		UG/L	II	231	241	32.8	42.8		
MW-257M1	W257M1A	03/10/2003	8330N	{ND on all 19} analytes				II	290	300	145.52	155.52		
	W257M1A	03/10/2003	E314.0	{ND on all 1} analytes				II	290	300	145.52	155.52		
	W257M1A	03/10/2003	OC21V	CHLOROFORM	0.4	J	UG/L	II	290	300	145.52	155.52	80	
	W257M1A	04/21/2003	8330N	{ND on all 19} analytes				II	290	300	145.52	155.52		
	W257M1A	04/21/2003	OC21V	CHLOROFORM	0.4	J	UG/L	II	290	300	145.52	155.52	80	
	W257M1A	04/22/2003	E314.0	{ND on all 1} analytes				II	290	300	145.52	155.52		
	W257M1A	05/29/2003	8330N	{ND on all 19} analytes				II	290	300	145.52	155.52		
	W257M1A	05/29/2003	E314.0	{ND on all 1} analytes				3	290	300	145.52	155.52		
	W257M1A	05/29/2003	OC21V	CHLOROFORM	0.4	J	UG/L	II	290	300	145.52	155.52	80	
	W257M1A	08/28/2003	E314.0	{ND on all 1} analytes				II	290	300	145.52	155.52		
	W257M1A	03/02/2004	E314.0	{ND on all 1} analytes				II	290	300	145.52	155.52		
	W257M1A	04/01/2004	E314.0	{ND on all 1} analytes				II	290	300	145.52	155.52		
	W257M1A	08/09/2004	E314.0	{ND on all 1} analytes				II	290	300	145.52	155.52		
	W257M1A	03/29/2005	E314.0	{ND on all 1} analytes				II	290	300	145.52	155.52		
	W257M1A	06/14/2005	E314.0	{ND on all 1} analytes				II	290	300	145.52	155.52		
	W257M1A	08/16/2005	E314.0	{ND on all 1} analytes				II	290	300	145.52	155.52		
	W257M1A	12/29/2005	E314.0	{ND on all 1} analytes				II	290	300	145.52	155.52		
MW-257M2	W257M2A	03/07/2003	8330N	{ND on all 19} analytes				II	195	205	51.27	61.27		
	W257M2A	03/07/2003	E314.0	{ND on all 1} analytes				II	195	205	51.27	61.27		
	W257M2A	03/07/2003	OC21V	CHLOROFORM	0.9	J	UG/L	II	195	205	51.27	61.27	80	
	W257M2A	04/21/2003	8330N	{ND on all 19} analytes				II	195	205	51.27	61.27		
	W257M2D	04/21/2003	8330N	{ND on all 19} analytes				II	195	205	51.27	61.27		
	W257M2A	04/21/2003	OC21V	CHLOROFORM	1		UG/L	II	195	205	51.27	61.27	80	
	W257M2D	04/21/2003	OC21V	CHLOROFORM	1		UG/L	II	195	205	51.27	61.27	80	
	W257M2A	04/22/2003	E314.0	{ND on all 1} analytes				II	195	205	51.27	61.27		
	W257M2D	04/22/2003	E314.0	{ND on all 1} analytes				II	195	205	51.27	61.27		
	W257M2A	05/30/2003	8330N	{ND on all 19} analytes				II	195	205	51.27	61.27		
	W257M2D	05/30/2003	8330N	{ND on all 19} analytes				II	195	205	51.27	61.27		
	W257M2A	05/30/2003	E314.0	{ND on all 1} analytes				3	195	205	51.27	61.27		
	W257M2D	05/30/2003	E314.0	{ND on all 1} analytes				3	195	205	51.27	61.27		
	W257M2A	05/30/2003	OC21V	CHLOROFORM	0.9	J	UG/L	II	195	205	51.27	61.27	80	
	W257M2A	05/30/2003	OC21V	CHLOROMETHANE	1		UG/L	II	195	205	51.27	61.27	30	
	W257M2D	05/30/2003	OC21V	CHLOROFORM	0.9	J	UG/L	II	195	205	51.27	61.27	80	
	W257M2A	08/29/2003	E314.0	{ND on all 1} analytes				II	195	205	51.27	61.27		
	W257M2A	03/02/2004	E314.0	{ND on all 1} analytes				II	195	205	51.27	61.27		
	W257M2A	04/01/2004	E314.0	{ND on all 1} analytes				II	195	205	51.27	61.27		
	W257M2A	08/09/2004	E314.0	{ND on all 1} analytes				II	195	205	51.27	61.27		
	W257M2A	03/30/2005	E314.0	{ND on all 1} analytes				II	195	205	51.27	61.27		
	W257M2A	06/14/2005	E314.0	{ND on all 1} analytes				II	195	205	51.27	61.27		
	W257M2A	08/16/2005	E314.0	{ND on all 1} analytes				II	195	205	51.27	61.27		
	W257M2A	12/29/2005	E314.0	{ND on all 1} analytes				II	195	205	51.27	61.27		
MW-267M1	W267M1A	05/30/2003	8330N	{ND on all 19} analytes				II	248	258	18.57	28.57		
	W267M1A	05/30/2003	E314.0	PERCHLORATE	2.89		UG/L	II	248	258	18.57	28.57		
	W267M1A	05/30/2003	OC21V	CHLOROFORM	1		UG/L	II	248	258	18.57	28.57	80	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W267M1A	05/30/2003	OC21V	TOLUENE	1		UG/L	II	248	258	18.57	28.57	1000	
	W267M1A	06/25/2003	8330N	{ND on all 19} analytes				II	248	258	18.57	28.57		
	W267M1A	06/25/2003	E314.0	PERCHLORATE	2.8		UG/L	II	248	258	18.57	28.57		
	W267M1A	06/25/2003	OC21V	CHLOROFORM	1		UG/L	II	248	258	18.57	28.57	80	
	W267M1A	06/25/2003	OC21V	TOLUENE	1		UG/L	II	248	258	18.57	28.57	1000	
	W267M1A	06/25/2003	OC21V	XYLENES, TOTAL	0.3	J	UG/L	II	248	258	18.57	28.57	10000	
	W267M1A	07/30/2003	8330N	{ND on all 19} analytes				II	248	258	18.57	28.57		
	W267M1A	07/30/2003	E314.0	PERCHLORATE	2.62		UG/L	II	248	258	18.57	28.57		
	W267M1A	07/30/2003	OC21V	ACETONE	2	J	UG/L	II	248	258	18.57	28.57		
	W267M1A	07/30/2003	OC21V	CHLOROFORM	1		UG/L	II	248	258	18.57	28.57	80	
	W267M1A	07/30/2003	OC21V	TOLUENE	2		UG/L	II	248	258	18.57	28.57	1000	
	W267M1A	07/30/2003	OC21V	XYLENES, TOTAL	0.6	J	UG/L	II	248	258	18.57	28.57	10000	
	W267M1A	04/05/2004	E314.0	PERCHLORATE	0.82	J	UG/L	II	248	258	18.57	28.57		
	W267M1D	04/05/2004	E314.0	PERCHLORATE	0.64	J	UG/L	II	248	258	18.57	28.57		
	W267M1A	06/07/2004	E314.0	{ND on all 1} analytes				II	248	258	18.57	28.57		
	W267M1A	08/12/2004	E314.0	PERCHLORATE	0.54	J	UG/L	II	248	258	18.57	28.57		
	W267M1A	02/09/2005	E314.0	PERCHLORATE	0.38	J	UG/L	II	248	258	18.57	28.57		
	W267M1A	06/17/2005	E314.0	{ND on all 1} analytes				II	248	258	18.57	28.57		
	W267M1A	10/12/2005	E314.0	{ND on all 1} analytes				II	248	258	18.57	28.57		
	W267M1A	01/03/2006	E314.0	{ND on all 1} analytes				II	248	258	18.57	28.57		
MW-268M1	W268M1A	05/30/2003	8330N	{ND on all 19} analytes				II	97	107	47.75	57.75		
	W268M1A	05/30/2003	E314.0	{ND on all 1} analytes				3	97	107	47.75	57.75		
	W268M1A	05/30/2003	OC21V	CHLOROFORM	1		UG/L	II	97	107	47.75	57.75	80	
	W268M1A	05/30/2003	OC21V	TOLUENE	0.3	J	UG/L	II	97	107	47.75	57.75	1000	
	W268M1A	06/25/2003	8330N	{ND on all 19} analytes				II	97	107	47.75	57.75		
	W268M1A	06/25/2003	E314.0	{ND on all 1} analytes				II	97	107	47.75	57.75		
	W268M1A	06/25/2003	OC21V	CHLOROFORM	1		UG/L	II	97	107	47.75	57.75	80	
	W268M1A	06/25/2003	OC21V	TOLUENE	0.3	J	UG/L	II	97	107	47.75	57.75	1000	
	W268M1A	07/31/2003	8330N	{ND on all 19} analytes				II	97	107	47.75	57.75		
	W268M1A	07/31/2003	E314.0	{ND on all 1} analytes				II	97	107	47.75	57.75		
	W268M1A	07/31/2003	OC21V	CHLOROFORM	1		UG/L	II	97	107	47.75	57.75	80	
	W268M1A	07/31/2003	OC21V	TOLUENE	0.6	J	UG/L	II	97	107	47.75	57.75	1000	
	W268M1A	07/31/2003	OC21V	XYLENES, TOTAL	0.3	J	UG/L	II	97	107	47.75	57.75	10000	
	W268M1A	04/05/2004	E314.0	{ND on all 1} analytes				II	97	107	47.75	57.75		
	W268M1A	06/08/2004	E314.0	{ND on all 1} analytes				II	97	107	47.75	57.75		
	W268M1D	06/08/2004	E314.0	{ND on all 1} analytes				II	97	107	47.75	57.75		
	W268M1A	08/12/2004	E314.0	{ND on all 1} analytes				II	97	107	47.75	57.75		
	W268M1D	08/12/2004	E314.0	{ND on all 1} analytes				II	97	107	47.75	57.75		
	W268M1A	02/11/2005	E314.0	{ND on all 1} analytes				II	97	107	47.75	57.75		
	W268M1D	02/11/2005	E314.0	{ND on all 1} analytes				II	97	107	47.75	57.75		
	W268M1A	05/26/2005	E314.0	{ND on all 1} analytes				II	97	107	47.75	57.75		
	W268M1A	10/12/2005	E314.0	{ND on all 1} analytes				II	97	107	47.75	57.75		
	W268M1A	01/03/2006	E314.0	{ND on all 1} analytes				II	97	107	47.75	57.75		
	W268M1D	01/03/2006	E314.0	{ND on all 1} analytes				II	97	107	47.75	57.75		
MW-269M1	W269M1A	06/25/2003	8330N	{ND on all 19} analytes				II	207	217	30.79	40.79		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W269M1D	06/25/2003	8330N	{ND on all 19} analytes				II	207	217	30.79	40.79		
	W269M1A	06/25/2003	E314.0	{ND on all 1} analytes				II	207	217	30.79	40.79		
	W269M1D	06/25/2003	E314.0	{ND on all 1} analytes				II	207	217	30.79	40.79		
	W269M1A	06/25/2003	OC21V	CHLOROFORM	0.6	J	UG/L	II	207	217	30.79	40.79	80	
	W269M1D	06/25/2003	OC21V	CHLOROFORM	0.5	J	UG/L	II	207	217	30.79	40.79	80	
	W269M1A	09/25/2003	8330N	{ND on all 19} analytes				II	207	217	30.79	40.79		
	W269M1A	09/25/2003	E314.0	{ND on all 1} analytes				II	207	217	30.79	40.79		
	W269M1A	09/25/2003	OC21V	CHLOROFORM	0.7	J	UG/L	II	207	217	30.79	40.79	80	
	W269M1A	09/25/2003	OC21V	TOLUENE	0.2	J	UG/L	II	207	217	30.79	40.79	1000	
	W269M1A	01/07/2004	8330N	{ND on all 19} analytes				II	207	217	30.79	40.79		
	W269M1A	01/07/2004	E314.0	{ND on all 1} analytes				II	207	217	30.79	40.79		
	W269M1A	01/07/2004	OC21VM	CHLOROFORM	0.7	J	UG/L	II	207	217	30.79	40.79	80	
	W269M1A	04/06/2004	E314.0	PERCHLORATE	0.38	J	UG/L	II	207	217	30.79	40.79		
	W269M1A	08/09/2004	E314.0	{ND on all 1} analytes				II	207	217	30.79	40.79		
	W269M1A	03/29/2005	E314.0	{ND on all 1} analytes				II	207	217	30.79	40.79		
	W269M1A	06/06/2005	E314.0	{ND on all 1} analytes				II	207	217	30.79	40.79		
	W269M1A	07/29/2005	E314.0	{ND on all 1} analytes				II	207	217	30.79	40.79		
	W269M1A	12/16/2005	E314.0	{ND on all 1} analytes				II	207	217	30.79	40.79		
MW-269M2	W269M2A	06/25/2003	8330N	{ND on all 19} analytes				II	186	196	9.85	19.85		
	W269M2A	06/25/2003	E314.0	{ND on all 1} analytes				II	186	196	9.85	19.85		
	W269M2A	06/25/2003	OC21V	CHLOROFORM	2		UG/L	II	186	196	9.85	19.85	80	
	W269M2A	09/25/2003	8330N	{ND on all 19} analytes				II	186	196	9.85	19.85		
	W269M2D	09/25/2003	8330N	{ND on all 19} analytes				II	186	196	9.85	19.85		
	W269M2A	09/25/2003	E314.0	{ND on all 1} analytes				II	186	196	9.85	19.85		
	W269M2D	09/25/2003	E314.0	{ND on all 1} analytes				II	186	196	9.85	19.85		
	W269M2A	09/25/2003	OC21V	CHLOROFORM	2		UG/L	II	186	196	9.85	19.85	80	
	W269M2A	09/25/2003	OC21V	TOLUENE	0.5	J	UG/L	II	186	196	9.85	19.85	1000	
	W269M2D	09/25/2003	OC21V	CHLOROFORM	2		UG/L	II	186	196	9.85	19.85	80	
	W269M2D	09/25/2003	OC21V	TOLUENE	0.6	J	UG/L	II	186	196	9.85	19.85	1000	
	W269M2A	01/08/2004	8330N	{ND on all 19} analytes				II	186	196	9.85	19.85		
	W269M2A	01/08/2004	E314.0	{ND on all 1} analytes				II	186	196	9.85	19.85		
	W269M2A	01/08/2004	OC21VM	CHLOROFORM	2		UG/L	II	186	196	9.85	19.85	80	
	W269M2A	04/06/2004	E314.0	{ND on all 1} analytes				II	186	196	9.85	19.85		
	W269M2A	08/09/2004	E314.0	{ND on all 1} analytes				II	186	196	9.85	19.85		
	W269M2A	03/29/2005	E314.0	{ND on all 1} analytes				II	186	196	9.85	19.85		
	W269M2D	03/29/2005	E314.0	{ND on all 1} analytes				II	186	196	9.85	19.85		
	W269M2A	06/06/2005	E314.0	{ND on all 1} analytes				II	186	196	9.85	19.85		
	W269M2A	08/01/2005	E314.0	{ND on all 1} analytes				II	186	196	9.85	19.85		
	W269M2D	08/01/2005	E314.0	{ND on all 1} analytes				II	186	196	9.85	19.85		
	W269M2A	12/16/2005	E314.0	{ND on all 1} analytes				II	186	196	9.85	19.85		
	W269M2D	12/16/2005	E314.0	{ND on all 1} analytes				II	186	196	9.85	19.85		
MW-276M1	W276M1A	08/27/2003	8330N	{ND on all 19} analytes				3	295	305	114	124		
	W276M1A	08/27/2003	E314.0	{ND on all 1} analytes				II	295	305	114	124		
	W276M1A	08/27/2003	OC21V	CHLOROFORM	0.3	J	UG/L	3	295	305	114	124	80	
	W276M1A	08/27/2003	OC21V	TOLUENE	0.8	J	UG/L	3	295	305	114	124	1000	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W276M1A	12/05/2003	8330N	{ND on all 19} analytes				II	295	305	114	124		
	W276M1A	12/05/2003	E314.0	{ND on all 1} analytes				II	295	305	114	124		
	W276M1A	12/05/2003	OC21VM	CHLOROFORM	0.2	J	UG/L	II	295	305	114	124	80	
	W276M1A	12/05/2003	OC21VM	TOLUENE	7		UG/L	II	295	305	114	124	1000	
	W276M1A	03/18/2004	8330N	{ND on all 19} analytes				II	295	305	114	124		
	W276M1A	03/18/2004	E314.0	{ND on all 1} analytes				II	295	305	114	124		
	W276M1A	03/18/2004	OC21VM	CHLOROFORM	0.3	J	UG/L	II	295	305	114	124	80	
	W276M1A	03/18/2004	OC21VM	TOLUENE	4		UG/L	II	295	305	114	124	1000	
	W276M1A	04/02/2004	E314.0	{ND on all 1} analytes				II	295	305	114	124		
	W276M1A	08/06/2004	E314.0	{ND on all 1} analytes				II	295	305	114	124		
	W276M1D	08/06/2004	E314.0	{ND on all 1} analytes				II	295	305	114	124		
	W276M1A	01/10/2005	E314.0	{ND on all 1} analytes				II	295	305	114	124		
	W276M1A	05/23/2005	E314.0	{ND on all 1} analytes				II	295	305	114	124		
	W276M1A	08/12/2005	E314.0	{ND on all 1} analytes				II	295	305	114	124		
	W276M1A	12/15/2005	E314.0	{ND on all 1} analytes				II	295	305	114	124		
MW-276M2	W276M2A	08/27/2003	8330N	{ND on all 19} analytes				3	234	244	52.88	62.88		
	W276M2A	08/27/2003	E314.0	{ND on all 1} analytes				II	234	244	52.88	62.88		
	W276M2A	08/27/2003	OC21V	CHLOROFORM	0.8	J	UG/L	3	234	244	52.88	62.88	80	
	W276M2A	08/27/2003	OC21V	TOLUENE	0.3	J	UG/L	3	234	244	52.88	62.88	1000	
	W276M2A	12/05/2003	8330N	{ND on all 19} analytes				II	234	244	52.88	62.88		
	W276M2A	12/05/2003	E314.0	{ND on all 1} analytes				II	234	244	52.88	62.88		
	W276M2A	12/05/2003	OC21VM	CHLOROFORM	0.8	J	UG/L	II	234	244	52.88	62.88	80	
	W276M2A	12/05/2003	OC21VM	TOLUENE	1		UG/L	II	234	244	52.88	62.88	1000	
	W276M2A	03/18/2004	8330N	{ND on all 19} analytes				II	234	244	52.88	62.88		
	W276M2A	03/18/2004	E314.0	{ND on all 1} analytes				II	234	244	52.88	62.88		
	W276M2A	03/18/2004	OC21VM	CHLOROFORM	0.7	J	UG/L	II	234	244	52.88	62.88	80	
	W276M2A	03/18/2004	OC21VM	TOLUENE	0.5	J	UG/L	II	234	244	52.88	62.88	1000	
	W276M2A	04/02/2004	E314.0	{ND on all 1} analytes				II	234	244	52.88	62.88		
	W276M2A	08/05/2004	E314.0	{ND on all 1} analytes				II	234	244	52.88	62.88		
	W276M2A	01/10/2005	E314.0	{ND on all 1} analytes				II	234	244	52.88	62.88		
	W276M2A	05/23/2005	E314.0	{ND on all 1} analytes				II	234	244	52.88	62.88		
	W276M2A	08/12/2005	E314.0	{ND on all 1} analytes				II	234	244	52.88	62.88		
	W276M2A	12/15/2005	E314.0	{ND on all 1} analytes				II	234	244	52.88	62.88		
	W276M2D	12/15/2005	E314.0	{ND on all 1} analytes				II	234	244	52.88	62.88		
MW-276M3	W276M3A	08/27/2003	8330N	{ND on all 19} analytes				II	185	195	0	10		
	W276M3A	08/27/2003	E314.0	PERCHLORATE	1.71		UG/L	II	185	195	0	10		
	W276M3A	08/27/2003	OC21V	CHLOROFORM	1		UG/L	II	185	195	0	10	80	
	W276M3A	12/04/2003	8330N	{ND on all 19} analytes				II	185	195	0	10		
	W276M3A	12/04/2003	E314.0	PERCHLORATE	1.1		UG/L	3	185	195	0	10		
	W276M3A	12/04/2003	OC21V	CHLOROFORM	0.8	J	UG/L	II	185	195	0	10	80	
	W276M3A	12/04/2003	OC21V	TOLUENE	0.2	J	UG/L	II	185	195	0	10	1000	
	W276M3A	03/18/2004	8330N	{ND on all 19} analytes				II	185	195	0	10		
	W276M3D	03/18/2004	8330N	{ND on all 19} analytes				II	185	195	0	10		
	W276M3A	03/18/2004	E314.0	PERCHLORATE	1.9		UG/L	II	185	195	0	10		
	W276M3D	03/18/2004	E314.0	PERCHLORATE	1.6		UG/L	II	185	195	0	10		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W276M3A	03/18/2004	OC21VM	CHLOROFORM	0.8	J	UG/L	II	185	195	0	10	80	
	W276M3A	03/18/2004	OC21VM	TERT-BUTYL METHYL ETHER	0.7		UG/L	II	185	195	0	10	20	
	W276M3A	03/18/2004	OC21VM	TOLUENE	0.4	J	UG/L	II	185	195	0	10	1000	
	W276M3D	03/18/2004	OC21VM	CHLOROFORM	0.8	J	UG/L	II	185	195	0	10	80	
	W276M3D	03/18/2004	OC21VM	TERT-BUTYL METHYL ETHER	0.8		UG/L	II	185	195	0	10	20	
	W276M3D	03/18/2004	OC21VM	TOLUENE	0.4	J	UG/L	II	185	195	0	10	1000	
	W276M3A	04/02/2004	E314.0	PERCHLORATE	1.5		UG/L	II	185	195	0	10		
	W276M3A	08/05/2004	E314.0	PERCHLORATE	0.59	J	UG/L	II	185	195	0	10		
	W276M3A	01/10/2005	E314.0	PERCHLORATE	0.46	J	UG/L	II	185	195	0	10		
	W276M3A	05/23/2005	E314.0	PERCHLORATE	0.49	J	UG/L	II	185	195	0	10		
	W276M3A	08/12/2005	E314.0	{ND on all 1} analytes				II	185	195	0	10		
	W276M3D	08/12/2005	E314.0	{ND on all 1} analytes				II	185	195	0	10		
	W276M3A	12/15/2005	E314.0	{ND on all 1} analytes				II	185	195	0	10		
MW-280M1	W280M1A	09/05/2003	8330N	{ND on all 19} analytes				II	255	265	93.99	103.99		
	W280M1A	09/05/2003	E314.0	{ND on all 1} analytes				II	255	265	93.99	103.99		
	W280M1A	09/05/2003	OC21V	CHLOROFORM	1		UG/L	II	255	265	93.99	103.99	80	
	W280M1A	09/05/2003	OC21V	TOLUENE	0.5	J	UG/L	II	255	265	93.99	103.99	1000	
	W280M1A	11/21/2003	8330N	{ND on all 19} analytes				II	255	265	93.99	103.99		
	W280M1D	11/21/2003	8330N	{ND on all 19} analytes				II	255	265	93.99	103.99		
	W280M1A	11/21/2003	E314.0	{ND on all 1} analytes				3	255	265	93.99	103.99		
	W280M1D	11/21/2003	E314.0	{ND on all 1} analytes				3	255	265	93.99	103.99		
	W280M1A	11/21/2003	OC21V	CHLOROFORM	1		UG/L	II	255	265	93.99	103.99	80	
	W280M1A	11/21/2003	OC21V	TOLUENE	0.8	J	UG/L	II	255	265	93.99	103.99	1000	
	W280M1D	11/21/2003	OC21V	CHLOROFORM	1		UG/L	II	255	265	93.99	103.99	80	
	W280M1D	11/21/2003	OC21V	TOLUENE	0.7	J	UG/L	II	255	265	93.99	103.99	1000	
	W280M1A	12/17/2003	8330N	{ND on all 19} analytes				II	255	265	93.99	103.99		
	W280M1A	12/17/2003	E314.0	{ND on all 1} analytes				3	255	265	93.99	103.99		
	W280M1A	12/17/2003	OC21VM	CHLOROFORM	0.8	J	UG/L	II	255	265	93.99	103.99	80	
	W280M1A	12/17/2003	OC21VM	TOLUENE	0.4	J	UG/L	II	255	265	93.99	103.99	1000	
	W280M1A	04/02/2004	E314.0	{ND on all 1} analytes				II	255	265	93.99	103.99		
	W280M1A	08/06/2004	E314.0	{ND on all 1} analytes				II	255	265	93.99	103.99		
	W280M1A	02/15/2005	E314.0	{ND on all 1} analytes				II	255	265	93.99	103.99		
	W280M1A	05/24/2005	E314.0	{ND on all 1} analytes				II	255	265	93.99	103.99		
	W280M1A	08/09/2005	E314.0	{ND on all 1} analytes				II	255	265	93.99	103.99		
	W280M1A	12/28/2005	E314.0	{ND on all 1} analytes				II	255	265	93.99	103.99		
MW-280M2	W280M2A	09/05/2003	8330N	{ND on all 19} analytes				II	202	212	41.64	51.64		
	W280M2A	09/05/2003	E314.0	{ND on all 1} analytes				II	202	212	41.64	51.64		
	W280M2A	09/05/2003	OC21V	CHLOROFORM	1		UG/L	II	202	212	41.64	51.64	80	
	W280M2A	11/21/2003	8330N	{ND on all 19} analytes				II	202	212	41.64	51.64		
	W280M2A	11/21/2003	E314.0	{ND on all 1} analytes				3	202	212	41.64	51.64		
	W280M2A	11/21/2003	OC21V	BENZENE	0.3	J	UG/L	II	202	212	41.64	51.64	5	
	W280M2A	11/21/2003	OC21V	CHLOROFORM	1		UG/L	II	202	212	41.64	51.64	80	
	W280M2A	11/21/2003	OC21V	CHLOROMETHANE	0.4	J	UG/L	II	202	212	41.64	51.64	30	
	W280M2A	11/21/2003	OC21V	TOLUENE	0.3	J	UG/L	II	202	212	41.64	51.64	1000	
	W280M2A	12/17/2003	8330N	{ND on all 19} analytes				II	202	212	41.64	51.64		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W280M2A	12/17/2003	E314.0	{ND on all 1} analytes				3	202	212	41.64	51.64		
	W280M2A	12/17/2003	OC21VM	BENZENE	0.3	J	UG/L	II	202	212	41.64	51.64	5	
	W280M2A	12/17/2003	OC21VM	CHLOROFORM	1		UG/L	II	202	212	41.64	51.64	80	
	W280M2A	12/17/2003	OC21VM	TOLUENE	0.3	J	UG/L	II	202	212	41.64	51.64	1000	
	W280M2A	04/02/2004	E314.0	{ND on all 1} analytes				II	202	212	41.64	51.64		
	W280M2A	08/06/2004	E314.0	{ND on all 1} analytes				II	202	212	41.64	51.64		
	W280M2A	02/15/2005	E314.0	{ND on all 1} analytes				II	202	212	41.64	51.64		
	W280M2A	05/24/2005	E314.0	{ND on all 1} analytes				II	202	212	41.64	51.64		
	W280M2A	08/09/2005	E314.0	{ND on all 1} analytes				II	202	212	41.64	51.64		
	W280M2A	12/28/2005	E314.0	{ND on all 1} analytes				II	202	212	41.64	51.64		
MW-280M3	W280M3A	09/04/2003	8330N	{ND on all 19} analytes				II	185	195	24.12	34.12		
	W280M3A	09/04/2003	E314.0	{ND on all 1} analytes				II	185	195	24.12	34.12		
	W280M3A	09/04/2003	OC21V	CHLOROFORM	1		UG/L	II	185	195	24.12	34.12	80	
	W280M3A	11/21/2003	8330N	{ND on all 19} analytes				II	185	195	24.12	34.12		
	W280M3A	11/21/2003	E314.0	{ND on all 1} analytes				II	185	195	24.12	34.12		
	W280M3A	11/21/2003	OC21V	CHLOROFORM	1		UG/L	II	185	195	24.12	34.12	80	
	W280M3A	12/17/2003	8330N	{ND on all 19} analytes				II	185	195	24.12	34.12		
	W280M3D	12/17/2003	8330N	{ND on all 19} analytes				II	185	195	24.12	34.12		
	W280M3A	12/17/2003	E314.0	{ND on all 1} analytes				II	185	195	24.12	34.12		
	W280M3D	12/17/2003	E314.0	{ND on all 1} analytes				II	185	195	24.12	34.12		
	W280M3A	12/17/2003	OC21VM	CHLOROFORM	1		UG/L	II	185	195	24.12	34.12	80	
	W280M3D	12/17/2003	OC21VM	CHLOROFORM	1		UG/L	II	185	195	24.12	34.12	80	
	W280M3A	04/02/2004	E314.0	{ND on all 1} analytes				II	185	195	24.12	34.12		
	W280M3A	08/06/2004	E314.0	{ND on all 1} analytes				II	185	195	24.12	34.12		
	W280M3A	02/15/2005	E314.0	{ND on all 1} analytes				II	185	195	24.12	34.12		
	W280M3A	05/24/2005	E314.0	{ND on all 1} analytes				II	185	195	24.12	34.12		
	W280M3A	08/10/2005	E314.0	{ND on all 1} analytes				II	185	195	24.12	34.12		
	W280M3D	08/10/2005	E314.0	{ND on all 1} analytes				II	185	195	24.12	34.12		
	W280M3A	12/28/2005	E314.0	{ND on all 1} analytes				II	185	195	24.12	34.12		
MW-282M1	W282M1A	11/06/2003	8330N	{ND on all 19} analytes				II	310	320	122.88	132.88		
	W282M1A	11/06/2003	E314.0	{ND on all 1} analytes				II	310	320	122.88	132.88		
	W282M1A	11/06/2003	OC21V	CHLOROFORM	0.3	J	UG/L	II	310	320	122.88	132.88	80	
	W282M1A	02/24/2004	8330N	{ND on all 19} analytes				II	310	320	122.88	132.88		
	W282M1A	02/24/2004	E314.0	{ND on all 1} analytes				II	310	320	122.88	132.88		
	W282M1A	05/24/2004	8330N	{ND on all 19} analytes				II	310	320	122.88	132.88		
	W282M1A	05/24/2004	E314.0	{ND on all 1} analytes				II	310	320	122.88	132.88		
	W282M1A	02/10/2005	E314.0	{ND on all 1} analytes				II	310	320	122.88	132.88		
	W282M1A	06/06/2005	E314.0	{ND on all 1} analytes				II	310	320	122.88	132.88		
	W282M1A	09/14/2005	E314.0	{ND on all 1} analytes				3	310	320	122.88	132.88		
	W282M1A	12/28/2005	E314.0	{ND on all 1} analytes				II	310	320	122.88	132.88		
MW-282M2	W282M2A	11/06/2003	8330N	{ND on all 19} analytes				II	206	216	18.84	28.84		
	W282M2A	11/06/2003	E314.0	{ND on all 1} analytes				II	206	216	18.84	28.84		
	W282M2A	11/06/2003	OC21V	CHLOROFORM	2		UG/L	II	206	216	18.84	28.84	80	
	W282M2A	02/23/2004	8330N	{ND on all 19} analytes				II	206	216	18.84	28.84		
	W282M2A	02/23/2004	E314.0	{ND on all 1} analytes				II	206	216	18.84	28.84		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W282M2A	05/24/2004	8330N	{ND on all 19} analytes				II	206	216	18.84	28.84		
	W282M2A	05/24/2004	E314.0	{ND on all 1} analytes				II	206	216	18.84	28.84		
	W282M2A	02/10/2005	E314.0	{ND on all 1} analytes				II	206	216	18.84	28.84		
	W282M2D	02/10/2005	E314.0	{ND on all 1} analytes				II	206	216	18.84	28.84		
	W282M2A	06/07/2005	E314.0	{ND on all 1} analytes				II	206	216	18.84	28.84		
	W282M2D	06/07/2005	E314.0	{ND on all 1} analytes				II	206	216	18.84	28.84		
	W282M2A	09/14/2005	E314.0	{ND on all 1} analytes				3	206	216	18.84	28.84		
	W282M2A	12/28/2005	E314.0	{ND on all 1} analytes				II	206	216	18.84	28.84		
MW-285M1	W285M1A	12/09/2003	8330N	{ND on all 19} analytes				II	179	189	1.49	11.49		
	W285M1A	12/09/2003	E314.0	{ND on all 1} analytes				II	179	189	1.49	11.49		
	W285M1A	12/09/2003	OC21VM	CHLOROFORM	2		UG/L	II	179	189	1.49	11.49	80	
	W285M1A	03/19/2004	8330N	{ND on all 19} analytes				II	179	189	1.49	11.49		
	W285M1A	03/19/2004	E314.0	{ND on all 1} analytes				II	179	189	1.49	11.49		
	W285M1A	06/15/2004	8330N	{ND on all 19} analytes				II	179	189	1.49	11.49		
	W285M1A	06/15/2004	E314.0	{ND on all 1} analytes				3	179	189	1.49	11.49		
	W285M1A	02/08/2005	E314.0	{ND on all 1} analytes				II	179	189	1.49	11.49		
	W285M1D	02/08/2005	E314.0	{ND on all 1} analytes				II	179	189	1.49	11.49		
	W285M1A	06/14/2005	E314.0	{ND on all 1} analytes				II	179	189	1.49	11.49		
	W285M1D	06/14/2005	E314.0	{ND on all 1} analytes				II	179	189	1.49	11.49		
	W285M1A	09/30/2005	E314.0	{ND on all 1} analytes				II	179	189	1.49	11.49		
	W285M1A	01/05/2006	E314.0	{ND on all 1} analytes				II	179	189	1.49	11.49		
MW-308M1	W308M1A	04/07/2004	8330N	{ND on all 19} analytes				3	325	335	127.42	137.42		
	W308M1A	04/07/2004	E314.0	{ND on all 1} analytes				II	325	335	127.42	137.42		
	W308M1A	07/14/2004	8330N	{ND on all 19} analytes				II	325	335	127.42	137.42		
	W308M1A	07/14/2004	E314.0	{ND on all 1} analytes				II	325	335	127.42	137.42		
	W308M1A	10/14/2004	8330N	{ND on all 19} analytes				II	325	335	127.42	137.42		
	W308M1A	10/14/2004	E314.0	{ND on all 1} analytes				II	325	335	127.42	137.42		
	W308M1A	06/07/2005	E314.0	{ND on all 1} analytes				II	325	335	57.38	67.38		
	W308M1D	06/07/2005	E314.0	{ND on all 1} analytes				II	325	335	57.38	67.38		
	W308M1A	08/12/2005	E314.0	{ND on all 1} analytes				II	325	335	127.42	137.42		
	W308M1A	12/15/2005	E314.0	{ND on all 1} analytes				II	325	335	127.42	137.42		
MW-308M2	W308M2A	04/07/2004	8330N	{ND on all 19} analytes				3	255	265	57.38	67.38		
	W308M2A	04/07/2004	E314.0	{ND on all 1} analytes				II	255	265	57.38	67.38		
	W308M2A	07/14/2004	8330N	{ND on all 19} analytes				II	255	265	57.38	67.38		
	W308M2A	07/14/2004	E314.0	{ND on all 1} analytes				II	255	265	57.38	67.38		
	W308M2A	10/14/2004	8330N	{ND on all 19} analytes				II	255	265	57.38	67.38		
	W308M2A	10/14/2004	E314.0	{ND on all 1} analytes				II	255	265	57.38	67.38		
	W308M2A	06/07/2005	E314.0	{ND on all 1} analytes				II	255	265	57.38	67.38		
	W308M2A	08/17/2005	E314.0	{ND on all 1} analytes				II	255	265	57.38	67.38		
	W308M2D	08/17/2005	E314.0	{ND on all 1} analytes				II	255	265	57.38	67.38		
	W308M2A	12/15/2005	E314.0	{ND on all 1} analytes				II	255	265	57.38	67.38		
MW-316S	W316SSA	04/20/2004	8330N	{ND on all 19} analytes				II	185	195	0	10		
	W316SSA	04/20/2004	E314.0	{ND on all 1} analytes				II	185	195	0	10		
	W316SSA	08/25/2004	8330N	{ND on all 19} analytes				II	185	195	0	10		
	W316SSA	08/25/2004	E314.0	{ND on all 1} analytes				II	185	195	0	10		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W316SSA	11/23/2004	8330N	{ND on all 19} analytes				II	185	195	0	10		
	W316SSA	11/23/2004	E314.0	{ND on all 1} analytes				II	185	195	0	10		
	W316SSA	06/16/2005	E314.0	{ND on all 1} analytes				II	185	195	0	10		
	W316SSA	09/28/2005	E314.0	{ND on all 1} analytes				II	185	195	0	10		
	W316SSA	01/05/2006	E314.0	{ND on all 1} analytes				II	185	195	0	10		
MW-317M1	W317M1A	05/14/2004	8330N	{ND on all 19} analytes				II	177	187	18.74	28.74		
	W317M1D	05/14/2004	8330N	{ND on all 19} analytes				II	177	187	18.74	28.74		
	W317M1A	05/14/2004	E314.0	{ND on all 1} analytes				II	177	187	18.74	28.74		
	W317M1D	05/14/2004	E314.0	{ND on all 1} analytes				II	177	187	18.74	28.74		
	W317M1A	08/25/2004	8330N	{ND on all 19} analytes				II	177	187	18.74	28.74		
	W317M1A	08/25/2004	E314.0	{ND on all 1} analytes				3	177	187	18.74	28.74		
	W317M1A	11/23/2004	8330N	{ND on all 19} analytes				II	177	187	18.74	28.74		
	W317M1A	11/23/2004	E314.0	{ND on all 1} analytes				II	177	187	18.74	28.74		
	W317M1A	06/14/2005	E314.0	{ND on all 1} analytes				II	177	187	18.74	28.74		
	W317M1D	06/14/2005	E314.0	{ND on all 1} analytes				II	177	187	18.74	28.74		
	W317M1A	09/21/2005	E314.0	{ND on all 1} analytes				II	177	187	18.74	28.74		
	W317M1D	09/21/2005	E314.0	{ND on all 1} analytes				II	177	187	18.74	28.74		
	W317M1A	12/23/2005	E314.0	{ND on all 1} analytes				II	177	187	18.74	28.74		
MW-317S	W317SSA	05/14/2004	8330N	{ND on all 19} analytes				II	157	167	0	10		
	W317SSA	05/14/2004	E314.0	{ND on all 1} analytes				II	157	167	0	10		
	W317SSA	08/25/2004	8330N	{ND on all 19} analytes				II	157	167	0	10		
	W317SSA	08/25/2004	E314.0	{ND on all 1} analytes				3	157	167	0	10		
	W317SSA	11/23/2004	8330N	{ND on all 19} analytes				II	157	167	0	10		
	W317SSA	11/23/2004	E314.0	{ND on all 1} analytes				II	157	167	0	10		
	W317SSA	06/14/2005	E314.0	{ND on all 1} analytes				II	157	167	0	10		
	W317SSA	09/21/2005	E314.0	{ND on all 1} analytes				II	157	167	0	10		
	W317SSA	12/23/2005	E314.0	{ND on all 1} analytes				II	157	167	0	10		
	W317SSD	12/23/2005	E314.0	{ND on all 1} analytes				II	157	167	0	10		
MW-46D	W46DDA	04/01/1999	300.0	CHLORIDE (AS CL)	9.3		MG/L	II	295	305	136	146		
	W46DDA	04/01/1999	300.0	SULFATE (AS SO4)	12.1		MG/L	II	295	305	136	146		
	W46DDA	04/01/1999	310.1	ALKALINITY, BICARBONATE (AS C	38.5		MG/L	II	295	305	136	146		
	W46DDA	04/01/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	38.5		MG/L	II	295	305	136	146		
	W46DDA	04/01/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.06	J	MG/L	II	295	305	136	146		
	W46DDA	04/01/1999	504	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	04/01/1999	8151	DCPA (DACTHAL)	0.17	J	UG/L	II	295	305	136	146		
	W46DDA	04/01/1999	350.2M	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	04/01/1999	353.2M	NITRATE/NITRITE (AS N)	0.14		MG/L	II	295	305	136	146	10	
	W46DDA	04/01/1999	8021W	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	04/01/1999	8330N	{ND on all 19} analytes				II	295	305	136	146		
	W46DDA	04/01/1999	CYAN	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	04/01/1999	IM40HD	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	04/01/1999	IM40HG	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	04/01/1999	IM40MB	ALUMINUM	79.6		UG/L	II	295	305	136	146		
	W46DDA	04/01/1999	IM40MB	BARIUM	6.7	J	UG/L	II	295	305	136	146	2000	
	W46DDA	04/01/1999	IM40MB	CALCIUM	8400		UG/L	II	295	305	136	146		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W46DDA	04/01/1999	IM40MB	IRON	180		UG/L	II	295	305	136	146		
	W46DDA	04/01/1999	IM40MB	MAGNESIUM	2780		UG/L	II	295	305	136	146		
	W46DDA	04/01/1999	IM40MB	MANGANESE	311		UG/L	II	295	305	136	146		
	W46DDA	04/01/1999	IM40MB	MOLYBDENUM	17.2		UG/L	II	295	305	136	146	40	
	W46DDA	04/01/1999	IM40MB	POTASSIUM	8630		UG/L	II	295	305	136	146		
	W46DDA	04/01/1999	IM40MB	SODIUM	7990		UG/L	II	295	305	136	146	20000	
	W46DDA	04/01/1999	OC21B	{ND on all 64} analytes				II	295	305	136	146		
	W46DDA	04/01/1999	OC21V	{ND on all 44} analytes				II	295	305	136	146		
	W46DDA	04/01/1999	OL21P	{ND on all 28} analytes				II	295	305	136	146		
	W46DDA	04/01/1999	TOC	TOTAL ORGANIC CARBON	0.66		MG/L	II	295	305	136	146		
	W46DDA	08/24/1999	300.0	CHLORIDE (AS CL)	8.2		MG/L	II	295	305	136	146		
	W46DDA	08/24/1999	300.0	SULFATE (AS SO4)	11.2		MG/L	II	295	305	136	146		
	W46DDA	08/24/1999	310.1	ALKALINITY, BICARBONATE (AS C	33		MG/L	II	295	305	136	146		
	W46DDA	08/24/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	33		MG/L	II	295	305	136	146		
	W46DDA	08/24/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.08	J	MG/L	II	295	305	136	146		
	W46DDA	08/24/1999	504	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	08/24/1999	8151	2,4,5-T (TRICHLOROPHENOXYACE	0.15		UG/L	II	295	305	136	146	70	
	W46DDA	08/24/1999	350.2M	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	08/24/1999	353.2M	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	08/24/1999	8021W	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	08/24/1999	8330N	{ND on all 19} analytes				II	295	305	136	146		
	W46DDA	08/24/1999	CYAN	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	08/24/1999	IM40HD	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	08/24/1999	IM40HG	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	08/24/1999	IM40MB	CALCIUM	9320		UG/L	II	295	305	136	146		
	W46DDA	08/24/1999	IM40MB	IRON	191		UG/L	II	295	305	136	146		
	W46DDA	08/24/1999	IM40MB	MAGNESIUM	2980		UG/L	II	295	305	136	146		
	W46DDA	08/24/1999	IM40MB	MANGANESE	561		UG/L	II	295	305	136	146		
	W46DDA	08/24/1999	IM40MB	MOLYBDENUM	3.1		UG/L	II	295	305	136	146	40	
	W46DDA	08/24/1999	IM40MB	POTASSIUM	1960		UG/L	II	295	305	136	146		
	W46DDA	08/24/1999	IM40MB	SODIUM	8400		UG/L	II	295	305	136	146	20000	
	W46DDA	08/24/1999	OC21B	{ND on all 64} analytes				II	295	305	136	146		
	W46DDA	08/24/1999	OC21V	TOLUENE	0.3	J	UG/L	II	295	305	136	146	1000	
	W46DDA	08/24/1999	OL21P	{ND on all 28} analytes				II	295	305	136	146		
	W46DDA	08/24/1999	TOC	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	11/02/1999	300.0	CHLORIDE (AS CL)	8.3		MG/L	II	295	305	136	146		
	W46DDA	11/02/1999	300.0	SULFATE (AS SO4)	10.9		MG/L	II	295	305	136	146		
	W46DDA	11/02/1999	310.1	ALKALINITY, BICARBONATE (AS C	34		MG/L	II	295	305	136	146		
	W46DDA	11/02/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	34		MG/L	II	295	305	136	146		
	W46DDA	11/02/1999	504	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	11/02/1999	8151	{ND on all 17} analytes				II	295	305	136	146		
	W46DDA	11/02/1999	350.2M	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	11/02/1999	353.2M	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	11/02/1999	8021W	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	11/02/1999	8330N	{ND on all 18} analytes				II	295	305	136	146		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W46DDA	11/02/1999	CYAN	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	11/02/1999	IM40HD	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	11/02/1999	IM40HG	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	11/02/1999	IM40MB	BORON	12.3		UG/L	II	295	305	136	146	600	
	W46DDA	11/02/1999	IM40MB	CALCIUM	9460		UG/L	II	295	305	136	146		
	W46DDA	11/02/1999	IM40MB	IRON	210		UG/L	II	295	305	136	146		
	W46DDA	11/02/1999	IM40MB	MAGNESIUM	2970		UG/L	II	295	305	136	146		
	W46DDA	11/02/1999	IM40MB	MANGANESE	582		UG/L	II	295	305	136	146		
	W46DDA	11/02/1999	IM40MB	MOLYBDENUM	1.7	J	UG/L	II	295	305	136	146	40	
	W46DDA	11/02/1999	IM40MB	POTASSIUM	1910		UG/L	II	295	305	136	146		
	W46DDA	11/02/1999	IM40MB	SODIUM	8390		UG/L	II	295	305	136	146	20000	
	W46DDA	11/02/1999	IM40MB	THALLIUM	5.1	J	UG/L	II	295	305	136	146	2	X
	W46DDA	11/02/1999	IM40MB	ZINC	1.8	J	UG/L	II	295	305	136	146	2000	
	W46DDA	11/02/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	14	J	UG/L	II	295	305	136	146	6	X
	W46DDA	11/02/1999	OC21V	{ND on all 44} analytes				II	295	305	136	146		
	W46DDA	11/02/1999	OL21P	{ND on all 28} analytes				II	295	305	136	146		
	W46DDA	11/02/1999	TOC	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	05/16/2000	8151	{ND on all 15} analytes				II	295	305	136	146		
	W46DDA	05/16/2000	IM40HG	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	05/16/2000	IM40MB	ARSENIC	3.5	J	UG/L	II	295	305	136	146	10	
	W46DDA	05/16/2000	IM40MB	BORON	13.3		UG/L	II	295	305	136	146	600	
	W46DDA	05/16/2000	IM40MB	CALCIUM	9700		UG/L	II	295	305	136	146		
	W46DDA	05/16/2000	IM40MB	IRON	130		UG/L	II	295	305	136	146		
	W46DDA	05/16/2000	IM40MB	MAGNESIUM	2930		UG/L	II	295	305	136	146		
	W46DDA	05/16/2000	IM40MB	MANGANESE	646		UG/L	II	295	305	136	146		
	W46DDA	05/16/2000	IM40MB	MOLYBDENUM	2.6	J	UG/L	II	295	305	136	146	40	
	W46DDA	05/16/2000	IM40MB	POTASSIUM	1620		UG/L	II	295	305	136	146		
	W46DDA	05/16/2000	IM40MB	SELENIUM	4.4	J	UG/L	II	295	305	136	146	50	
	W46DDA	05/16/2000	IM40MB	SODIUM	8350		UG/L	II	295	305	136	146	20000	
	W46DDA	08/24/2000	300.0	CHLORIDE (AS CL)	8.5		MG/L	II	295	305	136	146		
	W46DDA	08/24/2000	300.0	SULFATE (AS SO4)	11.7		MG/L	II	295	305	136	146		
	W46DDA	08/24/2000	310.1	ALKALINITY, BICARBONATE (AS C	34		MG/L	II	295	305	136	146		
	W46DDA	08/24/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	34		MG/L	II	295	305	136	146		
	W46DDA	08/24/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.07		MG/L	II	295	305	136	146		
	W46DDA	08/24/2000	504	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	08/24/2000	8151	{ND on all 17} analytes				II	295	305	136	146		
	W46DDA	08/24/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.04		MG/L	II	295	305	136	146	30	
	W46DDA	08/24/2000	353.2M	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	08/24/2000	8021W	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	08/24/2000	8330N	{ND on all 19} analytes				II	295	305	136	146		
	W46DDA	08/24/2000	CYAN	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	08/24/2000	E314.0	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	08/24/2000	IM40HD	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	08/24/2000	IM40HG	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	08/24/2000	IM40MB	BERYLLIUM	0.21	J	UG/L	II	295	305	136	146	4	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W46DDA	08/24/2000	IM40MB	BORON	13.7		UG/L	II	295	305	136	146	600	
	W46DDA	08/24/2000	IM40MB	CALCIUM	9640		UG/L	II	295	305	136	146		
	W46DDA	08/24/2000	IM40MB	IRON	170		UG/L	II	295	305	136	146		
	W46DDA	08/24/2000	IM40MB	MAGNESIUM	3040		UG/L	II	295	305	136	146		
	W46DDA	08/24/2000	IM40MB	MANGANESE	641		UG/L	II	295	305	136	146		
	W46DDA	08/24/2000	IM40MB	POTASSIUM	1630		UG/L	II	295	305	136	146		
	W46DDA	08/24/2000	IM40MB	SODIUM	8590		UG/L	II	295	305	136	146	20000	
	W46DDA	08/24/2000	OC21V	{ND on all 44} analytes				II	295	305	136	146		
	W46DDA	08/24/2000	OL21P	{ND on all 28} analytes				II	295	305	136	146		
	W46DDA	08/24/2000	SW8270	{ND on all 76} analytes				II	295	305	136	146		
	W46DDA	08/24/2000	TOC	TOTAL ORGANIC CARBON	1		MG/L	II	295	305	136	146		
	W46DDA	11/16/2000	8151	{ND on all 15} analytes				II	295	305	136	146		
	W46DDA	11/16/2000	IM40HD	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	11/16/2000	IM40HG	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	11/16/2000	IM40MB	ALUMINUM	114		UG/L	II	295	305	136	146		
	W46DDA	11/16/2000	IM40MB	ARSENIC	6.2	J	UG/L	II	295	305	136	146	10	
	W46DDA	11/16/2000	IM40MB	BERYLLIUM	0.5		UG/L	II	295	305	136	146	4	
	W46DDA	11/16/2000	IM40MB	CADMIUM	0.34	J	UG/L	II	295	305	136	146	5	
	W46DDA	11/16/2000	IM40MB	CALCIUM	9570		UG/L	II	295	305	136	146		
	W46DDA	11/16/2000	IM40MB	CHROMIUM, TOTAL	1.5		UG/L	II	295	305	136	146	100	
	W46DDA	11/16/2000	IM40MB	COPPER	2.7	J	UG/L	II	295	305	136	146	1300	
	W46DDA	11/16/2000	IM40MB	IRON	216		UG/L	II	295	305	136	146		
	W46DDA	11/16/2000	IM40MB	MAGNESIUM	2830		UG/L	II	295	305	136	146		
	W46DDA	11/16/2000	IM40MB	MANGANESE	646		UG/L	II	295	305	136	146		
	W46DDA	11/16/2000	IM40MB	NICKEL	3.8		UG/L	II	295	305	136	146	100	
	W46DDA	11/16/2000	IM40MB	POTASSIUM	1710		UG/L	II	295	305	136	146		
	W46DDA	11/16/2000	IM40MB	SODIUM	9330		UG/L	II	295	305	136	146	20000	
	W46DDA	11/16/2000	IM40MB	ZINC	1.5	J	UG/L	II	295	305	136	146	2000	
	W46DDA	08/06/2001	8151	{ND on all 18} analytes				3	295	305	136	146		
	W46DDA	08/06/2001	8330N	{ND on all 19} analytes				3	295	305	136	146		
	W46DDA	08/06/2001	E314.0	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	08/06/2001	ILSBTL	{ND on all 2} analytes				3	295	305	136	146		
	W46DDA	08/06/2001	IM40HD	{ND on all 1} analytes				3	295	305	136	146		
	W46DDA	08/06/2001	IM40HG	{ND on all 1} analytes				3	295	305	136	146		
	W46DDA	08/06/2001	IM40MB	BORON	12.1		UG/L	3	295	305	136	146	600	
	W46DDA	08/06/2001	IM40MB	CALCIUM	9230		UG/L	3	295	305	136	146		
	W46DDA	08/06/2001	IM40MB	IRON	165		UG/L	3	295	305	136	146		
	W46DDA	08/06/2001	IM40MB	MAGNESIUM	3080		UG/L	3	295	305	136	146		
	W46DDA	08/06/2001	IM40MB	MANGANESE	635		UG/L	3	295	305	136	146		
	W46DDA	08/06/2001	IM40MB	MOLYBDENUM	2.5	J	UG/L	3	295	305	136	146	40	
	W46DDA	08/06/2001	IM40MB	POTASSIUM	1600		UG/L	3	295	305	136	146		
	W46DDA	08/06/2001	IM40MB	SODIUM	8760		UG/L	3	295	305	136	146	20000	
	W46DDA	08/06/2001	OC21V	{ND on all 44} analytes				3	295	305	136	146		
	W46DDA	08/06/2001	OL21P	{ND on all 28} analytes				3	295	305	136	146		
	W46DDA	08/06/2001	SW8270	{ND on all 77} analytes				3	295	305	136	146		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W46DDA	07/11/2002	E314.0	{ND on all 1} analytes				3	295	305	136	146		
	W46DDA	10/02/2002	8151	{ND on all 18} analytes				II	295	305	136	146		
	W46DDA	10/02/2002	8330N	{ND on all 19} analytes				II	295	305	136	146		
	W46DDA	10/02/2002	E314.0	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	10/02/2002	ILSBTL	{ND on all 2} analytes				II	295	305	136	146		
	W46DDA	10/02/2002	IM40HD	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	10/02/2002	IM40HG	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	10/02/2002	IM40MB	CALCIUM	9860		UG/L	II	295	305	136	146		
	W46DDA	10/02/2002	IM40MB	IRON	164	J	UG/L	II	295	305	136	146		
	W46DDA	10/02/2002	IM40MB	MAGNESIUM	2920		UG/L	II	295	305	136	146		
	W46DDA	10/02/2002	IM40MB	MANGANESE	555		UG/L	II	295	305	136	146		
	W46DDA	10/02/2002	IM40MB	MOLYBDENUM	1.5	J	UG/L	II	295	305	136	146	40	
	W46DDA	10/02/2002	IM40MB	POTASSIUM	1680		UG/L	II	295	305	136	146		
	W46DDA	10/02/2002	IM40MB	SODIUM	9020		UG/L	II	295	305	136	146	20000	
	W46DDA	10/02/2002	OC21V	{ND on all 44} analytes				II	295	305	136	146		
	W46DDA	10/02/2002	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.7	J	UG/L	II	295	305	136	146	6	
	W46DDA	11/19/2003	8151	{ND on all 18} analytes				II	295	305	136	146		
	W46DDA	11/19/2003	6020SB	{ND on all 2} analytes				II	295	305	136	146		
	W46DDA	11/19/2003	8330N	{ND on all 19} analytes				II	295	305	136	146		
	W46DDA	11/19/2003	E314.0	{ND on all 1} analytes				3	295	305	136	146		
	W46DDA	11/19/2003	IM40HD	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	11/19/2003	IM40HG	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	11/19/2003	IM40MB	BORON	12.5		UG/L	II	295	305	136	146	600	
	W46DDA	11/19/2003	IM40MB	CALCIUM	9600		UG/L	II	295	305	136	146		
	W46DDA	11/19/2003	IM40MB	IRON	139		UG/L	II	295	305	136	146		
	W46DDA	11/19/2003	IM40MB	MAGNESIUM	2750		UG/L	II	295	305	136	146		
	W46DDA	11/19/2003	IM40MB	MANGANESE	520		UG/L	II	295	305	136	146		
	W46DDA	11/19/2003	IM40MB	POTASSIUM	894	J	UG/L	II	295	305	136	146		
	W46DDA	11/19/2003	IM40MB	SODIUM	8450	J	UG/L	II	295	305	136	146	20000	
	W46DDA	11/19/2003	OC21V	{ND on all 44} analytes				II	295	305	136	146		
	W46DDA	11/19/2003	SW8270	{ND on all 77} analytes				II	295	305	136	146		
	W46DDA	08/17/2004	6020SB	{ND on all 2} analytes				3	295	305	136	146		
	W46DDA	08/17/2004	8330N	{ND on all 19} analytes				3	295	305	136	146		
	W46DDA	08/17/2004	E314.0	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	08/17/2004	IM40HD	{ND on all 1} analytes				3	295	305	136	146		
	W46DDA	08/17/2004	IM40HG	{ND on all 1} analytes				3	295	305	136	146		
	W46DDA	08/17/2004	IM40MBM	ARSENIC	4.8	J	UG/L	3	295	305	136	146	10	
	W46DDA	08/17/2004	IM40MBM	BORON	9.7		UG/L	3	295	305	136	146	600	
	W46DDA	08/17/2004	IM40MBM	CALCIUM	10100		UG/L	3	295	305	136	146		
	W46DDA	08/17/2004	IM40MBM	IRON	136		UG/L	3	295	305	136	146		
	W46DDA	08/17/2004	IM40MBM	MAGNESIUM	2810		UG/L	3	295	305	136	146		
	W46DDA	08/17/2004	IM40MBM	MANGANESE	526		UG/L	3	295	305	136	146		
	W46DDA	08/17/2004	IM40MBM	SODIUM	8260		UG/L	3	295	305	136	146	20000	
	W46DDA	08/17/2004	IM40MBM	ZINC	2	J	UG/L	3	295	305	136	146	2000	
	W46DDA	08/17/2004	OC21VM	{ND on all 45} analytes				3	295	305	136	146		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W46DDA	08/17/2004	SW8270	{ND on all 77} analytes				3	295	305	136	146		
	W46DDA	07/22/2005	6020SB	{ND on all 2} analytes				II	295	305	136	146		
	W46DDA	07/22/2005	8330N	{ND on all 19} analytes				II	295	305	136	146		
	W46DDA	07/22/2005	E314.0	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	07/22/2005	IM40HG	{ND on all 1} analytes				II	295	305	136	146		
	W46DDA	07/22/2005	IM40MBM	BORON	15	J	UG/L	II	295	305	136	146	600	
	W46DDA	07/22/2005	IM40MBM	CALCIUM	9660		UG/L	II	295	305	136	146		
	W46DDA	07/22/2005	IM40MBM	MAGNESIUM	2910	J	UG/L	II	295	305	136	146		
	W46DDA	07/22/2005	IM40MBM	MANGANESE	574		UG/L	II	295	305	136	146		
	W46DDA	07/22/2005	IM40MBM	POTASSIUM	1630	J	UG/L	II	295	305	136	146		
	W46DDA	07/22/2005	IM40MBM	SODIUM	8090		UG/L	II	295	305	136	146	20000	
	W46DDA	07/22/2005	IM40MBM	ZINC	5.5	J	UG/L	II	295	305	136	146	2000	
	W46DDA	07/22/2005	OC21VM	{ND on all 45} analytes				II	295	305	136	146		
	W46DDA	07/22/2005	SW8270	{ND on all 77} analytes				II	295	305	136	146		
MW-46M1	W46M1A	03/29/1999	300.0	CHLORIDE (AS CL)	9.1		MG/L	II	262	272	103	113		
	W46M1A	03/29/1999	300.0	SULFATE (AS SO4)	11.9		MG/L	II	262	272	103	113		
	W46M1A	03/29/1999	310.1	ALKALINITY, BICARBONATE (AS C	44		MG/L	II	262	272	103	113		
	W46M1A	03/29/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	44		MG/L	II	262	272	103	113		
	W46M1A	03/29/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.17	J	MG/L	II	262	272	103	113		
	W46M1A	03/29/1999	504	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	03/29/1999	8151	DCPA (DACTHAL)	0.18	J	UG/L	II	262	272	103	113		
	W46M1A	03/29/1999	350.2M	NITROGEN, AMMONIA (AS N)	0.06	J	MG/L	II	262	272	103	113	30	
	W46M1A	03/29/1999	353.2M	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	03/29/1999	8021W	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	03/29/1999	8330N	{ND on all 19} analytes				II	262	272	103	113		
	W46M1A	03/29/1999	CYAN	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	03/29/1999	IM40HD	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	03/29/1999	IM40HG	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	03/29/1999	IM40MB	ALUMINUM	1250		UG/L	II	262	272	103	113		
	W46M1A	03/29/1999	IM40MB	BARIUM	26.4		UG/L	II	262	272	103	113	2000	
	W46M1A	03/29/1999	IM40MB	BORON	20		UG/L	II	262	272	103	113	600	
	W46M1A	03/29/1999	IM40MB	CALCIUM	8010		UG/L	II	262	272	103	113		
	W46M1A	03/29/1999	IM40MB	CHROMIUM, TOTAL	3.4		UG/L	II	262	272	103	113	100	
	W46M1A	03/29/1999	IM40MB	IRON	1830		UG/L	II	262	272	103	113		
	W46M1A	03/29/1999	IM40MB	MAGNESIUM	2130		UG/L	II	262	272	103	113		
	W46M1A	03/29/1999	IM40MB	MANGANESE	149		UG/L	II	262	272	103	113		
	W46M1A	03/29/1999	IM40MB	MOLYBDENUM	32.8		UG/L	II	262	272	103	113	40	
	W46M1A	03/29/1999	IM40MB	NICKEL	2.6	J	UG/L	II	262	272	103	113	100	
	W46M1A	03/29/1999	IM40MB	POTASSIUM	9960		UG/L	II	262	272	103	113		
	W46M1A	03/29/1999	IM40MB	SODIUM	13600		UG/L	II	262	272	103	113	20000	
	W46M1A	03/29/1999	IM40MB	VANADIUM	3.2		UG/L	II	262	272	103	113		
	W46M1A	03/29/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	3	J	UG/L	II	262	272	103	113	6	
	W46M1A	03/29/1999	OC21V	TOLUENE	0.4	J	UG/L	II	262	272	103	113	1000	
	W46M1A	03/29/1999	OL21P	{ND on all 28} analytes				II	262	272	103	113		
	W46M1A	03/29/1999	TOC	TOTAL ORGANIC CARBON	0.78		MG/L	II	262	272	103	113		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W46M1A	08/24/1999	300.0	CHLORIDE (AS CL)	8.3		MG/L	II	262	272	103	113		
	W46M1A	08/24/1999	300.0	SULFATE (AS SO4)	9.2		MG/L	II	262	272	103	113		
	W46M1A	08/24/1999	310.1	ALKALINITY, BICARBONATE (AS C	34	J	MG/L	II	262	272	103	113		
	W46M1A	08/24/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	34	J	MG/L	II	262	272	103	113		
	W46M1A	08/24/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.12		MG/L	II	262	272	103	113		
	W46M1A	08/24/1999	504	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	08/24/1999	8151	{ND on all 14} analytes				II	262	272	103	113		
	W46M1A	08/24/1999	350.2M	NITROGEN, AMMONIA (AS N)	0.05	J	MG/L	II	262	272	103	113	30	
	W46M1A	08/24/1999	353.2M	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	08/24/1999	8021W	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	08/24/1999	8330N	{ND on all 19} analytes				II	262	272	103	113		
	W46M1A	08/24/1999	CYAN	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	08/24/1999	IM40HD	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	08/24/1999	IM40HG	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	08/24/1999	IM40MB	BARIUM	9.1	J	UG/L	II	262	272	103	113	2000	
	W46M1A	08/24/1999	IM40MB	BORON	7.7	J	UG/L	II	262	272	103	113	600	
	W46M1A	08/24/1999	IM40MB	CALCIUM	9500		UG/L	II	262	272	103	113		
	W46M1A	08/24/1999	IM40MB	CHROMIUM, TOTAL	2	J	UG/L	II	262	272	103	113	100	
	W46M1A	08/24/1999	IM40MB	IRON	508		UG/L	II	262	272	103	113		
	W46M1A	08/24/1999	IM40MB	MAGNESIUM	2760		UG/L	II	262	272	103	113		
	W46M1A	08/24/1999	IM40MB	MANGANESE	541		UG/L	II	262	272	103	113		
	W46M1A	08/24/1999	IM40MB	MOLYBDENUM	5.7		UG/L	II	262	272	103	113	40	
	W46M1A	08/24/1999	IM40MB	POTASSIUM	2910		UG/L	II	262	272	103	113		
	W46M1A	08/24/1999	IM40MB	SODIUM	7470		UG/L	II	262	272	103	113	20000	
	W46M1A	08/24/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	1	J	UG/L	II	262	272	103	113	6	
	W46M1A	08/24/1999	OC21B	PHENOL	2	J	UG/L	II	262	272	103	113	4000	
	W46M1A	08/24/1999	OC21V	TOLUENE	0.3	J	UG/L	II	262	272	103	113	1000	
	W46M1A	08/24/1999	OL21P	{ND on all 28} analytes				II	262	272	103	113		
	W46M1A	08/24/1999	TOC	TOTAL ORGANIC CARBON	0.57		MG/L	II	262	272	103	113		
	W46M1A	11/01/1999	300.0	CHLORIDE (AS CL)	8.1		MG/L	II	262	272	103	113		
	W46M1A	11/01/1999	300.0	SULFATE (AS SO4)	9		MG/L	II	262	272	103	113		
	W46M1A	11/01/1999	310.1	ALKALINITY, BICARBONATE (AS C	32		MG/L	II	262	272	103	113		
	W46M1A	11/01/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	32		MG/L	II	262	272	103	113		
	W46M1A	11/01/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.11		MG/L	II	262	272	103	113		
	W46M1A	11/01/1999	504	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	11/01/1999	8151	CHLORAMBEN	0.53	J	UG/L	II	262	272	103	113	100	
	W46M1A	11/01/1999	350.2M	NITROGEN, AMMONIA (AS N)	0.02	J	MG/L	II	262	272	103	113	30	
	W46M1A	11/01/1999	353.2M	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	11/01/1999	8021W	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	11/01/1999	8330N	{ND on all 18} analytes				II	262	272	103	113		
	W46M1A	11/01/1999	CYAN	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	11/01/1999	IM40HD	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	11/01/1999	IM40HG	MERCURY	0.14	J	UG/L	II	262	272	103	113	2	
	W46M1A	11/01/1999	IM40MB	BARIUM	9.5	J	UG/L	II	262	272	103	113	2000	
	W46M1A	11/01/1999	IM40MB	BORON	8.8		UG/L	II	262	272	103	113	600	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W46M1A	11/01/1999	IM40MB	CALCIUM	8900		UG/L	II	262	272	103	113		
	W46M1A	11/01/1999	IM40MB	IRON	762		UG/L	II	262	272	103	113		
	W46M1A	11/01/1999	IM40MB	MAGNESIUM	2730		UG/L	II	262	272	103	113		
	W46M1A	11/01/1999	IM40MB	MANGANESE	652		UG/L	II	262	272	103	113		
	W46M1A	11/01/1999	IM40MB	MOLYBDENUM	2.7	J	UG/L	II	262	272	103	113	40	
	W46M1A	11/01/1999	IM40MB	POTASSIUM	2160		UG/L	II	262	272	103	113		
	W46M1A	11/01/1999	IM40MB	SODIUM	7160		UG/L	II	262	272	103	113	20000	
	W46M1A	11/01/1999	IM40MB	ZINC	1.7	J	UG/L	II	262	272	103	113	2000	
	W46M1A	11/01/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	6	J	UG/L	II	262	272	103	113	6	
	W46M1A	11/01/1999	OC21V	{ND on all 44} analytes				II	262	272	103	113		
	W46M1A	11/01/1999	OL21P	{ND on all 28} analytes				II	262	272	103	113		
	W46M1A	11/01/1999	TOC	TOTAL ORGANIC CARBON	0.5		MG/L	II	262	272	103	113		
	W46M1A	05/16/2000	8151	{ND on all 15} analytes				II	262	272	103	113		
	W46M1A	05/16/2000	IM40HG	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	05/16/2000	IM40MB	BORON	9		UG/L	II	262	272	103	113	600	
	W46M1A	05/16/2000	IM40MB	CALCIUM	8840		UG/L	II	262	272	103	113		
	W46M1A	05/16/2000	IM40MB	IRON	1050		UG/L	II	262	272	103	113		
	W46M1A	05/16/2000	IM40MB	MAGNESIUM	2710		UG/L	II	262	272	103	113		
	W46M1A	05/16/2000	IM40MB	MANGANESE	614		UG/L	II	262	272	103	113		
	W46M1A	05/16/2000	IM40MB	MOLYBDENUM	3.4		UG/L	II	262	272	103	113	40	
	W46M1A	05/16/2000	IM40MB	POTASSIUM	1650		UG/L	II	262	272	103	113		
	W46M1A	05/16/2000	IM40MB	SODIUM	6900		UG/L	II	262	272	103	113	20000	
	W46M1A	05/16/2000	IM40MB	THALLIUM	5.3	J	UG/L	II	262	272	103	113	2	X
	W46M1A	05/16/2000	IM40MB	ZINC	1.8	J	UG/L	II	262	272	103	113	2000	
	W46M1A	08/23/2000	300.0	CHLORIDE (AS CL)	8.3		MG/L	II	262	272	103	113		
	W46M1A	08/23/2000	300.0	SULFATE (AS SO4)	9.3		MG/L	II	262	272	103	113		
	W46M1A	08/23/2000	310.1	ALKALINITY, BICARBONATE (AS C	31		MG/L	II	262	272	103	113		
	W46M1A	08/23/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	31		MG/L	II	262	272	103	113		
	W46M1A	08/23/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.1	J	MG/L	II	262	272	103	113		
	W46M1A	08/23/2000	504	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	08/23/2000	8151	{ND on all 17} analytes				II	262	272	103	113		
	W46M1A	08/23/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.06	J	MG/L	II	262	272	103	113	30	
	W46M1A	08/23/2000	353.2M	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	08/23/2000	8021W	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	08/23/2000	8330N	{ND on all 19} analytes				II	262	272	103	113		
	W46M1A	08/23/2000	CYAN	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	08/23/2000	E314.0	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	08/23/2000	IM40HD	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	08/23/2000	IM40HG	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	08/23/2000	IM40MB	BARIUM	9	J	UG/L	II	262	272	103	113	2000	
	W46M1A	08/23/2000	IM40MB	BORON	6.3	J	UG/L	II	262	272	103	113	600	
	W46M1A	08/23/2000	IM40MB	CALCIUM	8610		UG/L	II	262	272	103	113		
	W46M1A	08/23/2000	IM40MB	COPPER	5.9	J	UG/L	II	262	272	103	113	1300	
	W46M1A	08/23/2000	IM40MB	IRON	1220		UG/L	II	262	272	103	113		
	W46M1A	08/23/2000	IM40MB	MAGNESIUM	2990		UG/L	II	262	272	103	113		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W46M1A	08/23/2000	IM40MB	MANGANESE	666		UG/L	II	262	272	103	113		
	W46M1A	08/23/2000	IM40MB	MOLYBDENUM	4	J	UG/L	II	262	272	103	113	40	
	W46M1A	08/23/2000	IM40MB	POTASSIUM	1930		UG/L	II	262	272	103	113		
	W46M1A	08/23/2000	IM40MB	SODIUM	7460		UG/L	II	262	272	103	113	20000	
	W46M1A	08/23/2000	OC21V	{ND on all 44} analytes				II	262	272	103	113		
	W46M1A	08/23/2000	OL21P	{ND on all 28} analytes				II	262	272	103	113		
	W46M1A	08/23/2000	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.28	J	UG/L	II	262	272	103	113	6	
	W46M1A	08/23/2000	TOC	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	11/16/2000	8151	{ND on all 15} analytes				II	262	272	103	113		
	W46M1A	11/16/2000	IM40HD	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	11/16/2000	IM40HG	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	11/16/2000	IM40MB	ALUMINUM	50.5	J	UG/L	II	262	272	103	113		
	W46M1A	11/16/2000	IM40MB	BARIUM	9		UG/L	II	262	272	103	113	2000	
	W46M1A	11/16/2000	IM40MB	BERYLLIUM	0.29	J	UG/L	II	262	272	103	113	4	
	W46M1A	11/16/2000	IM40MB	CALCIUM	8560		UG/L	II	262	272	103	113		
	W46M1A	11/16/2000	IM40MB	IRON	1350		UG/L	II	262	272	103	113		
	W46M1A	11/16/2000	IM40MB	MAGNESIUM	2760		UG/L	II	262	272	103	113		
	W46M1A	11/16/2000	IM40MB	MANGANESE	676		UG/L	II	262	272	103	113		
	W46M1A	11/16/2000	IM40MB	POTASSIUM	1690		UG/L	II	262	272	103	113		
	W46M1A	11/16/2000	IM40MB	SODIUM	7500		UG/L	II	262	272	103	113	20000	
	W46M1A	11/16/2000	IM40MB	ZINC	2.6		UG/L	II	262	272	103	113	2000	
	W46M1A	05/22/2001	ILSBTL	{ND on all 2} analytes				3	262	272	103	113		
	W46M1A	05/22/2001	IM40HD	{ND on all 1} analytes				NV	262	272	103	113		
	W46M1A	05/22/2001	IM40HG	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	05/22/2001	IM40MB	BARIUM	7	J	UG/L	II	262	272	103	113	2000	
	W46M1A	05/22/2001	IM40MB	BORON	8.3	J	UG/L	II	262	272	103	113	600	
	W46M1A	05/22/2001	IM40MB	CALCIUM	8440		UG/L	II	262	272	103	113		
	W46M1A	05/22/2001	IM40MB	COPPER	9.2	J	UG/L	II	262	272	103	113	1300	
	W46M1A	05/22/2001	IM40MB	IRON	1310		UG/L	II	262	272	103	113		
	W46M1A	05/22/2001	IM40MB	MAGNESIUM	2810		UG/L	II	262	272	103	113		
	W46M1A	05/22/2001	IM40MB	MANGANESE	596		UG/L	II	262	272	103	113		
	W46M1A	05/22/2001	IM40MB	POTASSIUM	1880		UG/L	II	262	272	103	113		
	W46M1A	05/22/2001	IM40MB	SODIUM	7410		UG/L	II	262	272	103	113	20000	
	W46M1A	05/22/2001	IM40MB	ZINC	5.8	J	UG/L	II	262	272	103	113	2000	
	W46M1A	08/07/2001	8151	{ND on all 18} analytes				3	262	272	103	113		
	W46M1A	08/07/2001	8330N	{ND on all 19} analytes				3	262	272	103	113		
	W46M1A	08/07/2001	E314.0	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	08/07/2001	ILSBTL	{ND on all 2} analytes				3	262	272	103	113		
	W46M1A	08/07/2001	IM40HD	{ND on all 1} analytes				3	262	272	103	113		
	W46M1A	08/07/2001	IM40HG	{ND on all 1} analytes				3	262	272	103	113		
	W46M1A	08/07/2001	IM40MB	ALUMINUM	15.6	J	UG/L	3	262	272	103	113		
	W46M1A	08/07/2001	IM40MB	BARIUM	7.3	J	UG/L	3	262	272	103	113	2000	
	W46M1A	08/07/2001	IM40MB	BORON	8.1		UG/L	3	262	272	103	113	600	
	W46M1A	08/07/2001	IM40MB	CALCIUM	8110		UG/L	3	262	272	103	113		
	W46M1A	08/07/2001	IM40MB	IRON	1450		UG/L	3	262	272	103	113		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W46M1A	08/07/2001	IM40MB	MAGNESIUM	3120		UG/L	3	262	272	103	113		
	W46M1A	08/07/2001	IM40MB	MANGANESE	665		UG/L	3	262	272	103	113		
	W46M1A	08/07/2001	IM40MB	MOLYBDENUM	1.7	J	UG/L	3	262	272	103	113	40	
	W46M1A	08/07/2001	IM40MB	POTASSIUM	1580		UG/L	3	262	272	103	113		
	W46M1A	08/07/2001	IM40MB	SODIUM	7860		UG/L	3	262	272	103	113	20000	
	W46M1A	08/07/2001	OC21V	{ND on all 44} analytes				3	262	272	103	113		
	W46M1A	08/07/2001	OL21P	{ND on all 28} analytes				3	262	272	103	113		
	W46M1A	08/07/2001	SW8270	{ND on all 77} analytes				3	262	272	103	113		
	W46M1A	12/20/2001	ILSBTL	{ND on all 2} analytes				II	262	272	103	113		
	W46M1D	12/20/2001	ILSBTL	{ND on all 2} analytes				II	262	272	103	113		
	W46M1A	12/20/2001	IM40HD	{ND on all 1} analytes				II	262	272	103	113		
	W46M1D	12/20/2001	IM40HD	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	12/20/2001	IM40HG	{ND on all 1} analytes				II	262	272	103	113		
	W46M1D	12/20/2001	IM40HG	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	12/20/2001	IM40MB	BORON	8.1	J	UG/L	II	262	272	103	113	600	
	W46M1A	12/20/2001	IM40MB	CALCIUM	8520		UG/L	II	262	272	103	113		
	W46M1D	12/20/2001	IM40MB	CALCIUM	8410		UG/L	II	262	272	103	113		
	W46M1A	12/20/2001	IM40MB	IRON	1280		UG/L	II	262	272	103	113		
	W46M1D	12/20/2001	IM40MB	IRON	1240		UG/L	II	262	272	103	113		
	W46M1A	12/20/2001	IM40MB	MAGNESIUM	2920		UG/L	II	262	272	103	113		
	W46M1D	12/20/2001	IM40MB	MAGNESIUM	2890		UG/L	II	262	272	103	113		
	W46M1A	12/20/2001	IM40MB	MANGANESE	605		UG/L	II	262	272	103	113		
	W46M1D	12/20/2001	IM40MB	MANGANESE	610		UG/L	II	262	272	103	113		
	W46M1A	12/20/2001	IM40MB	POTASSIUM	1660		UG/L	II	262	272	103	113		
	W46M1D	12/20/2001	IM40MB	POTASSIUM	1620		UG/L	II	262	272	103	113		
	W46M1A	12/20/2001	IM40MB	SODIUM	7170		UG/L	II	262	272	103	113	20000	
	W46M1D	12/20/2001	IM40MB	SODIUM	7500		UG/L	II	262	272	103	113	20000	
	W46M1A	07/12/2002	E314.0	{ND on all 1} analytes				3	262	272	103	113		
	W46M1A	10/02/2002	8151	{ND on all 18} analytes				II	262	272	103	113		
	W46M1A	10/02/2002	8330N	{ND on all 19} analytes				II	262	272	103	113		
	W46M1A	10/02/2002	E314.0	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	10/02/2002	ILSBTL	{ND on all 2} analytes				II	262	272	103	113		
	W46M1A	10/02/2002	IM40HD	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	10/02/2002	IM40HG	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	10/02/2002	IM40MB	CALCIUM	8060		UG/L	II	262	272	103	113		
	W46M1A	10/02/2002	IM40MB	COPPER	2	J	UG/L	II	262	272	103	113	1300	
	W46M1A	10/02/2002	IM40MB	IRON	1260		UG/L	II	262	272	103	113		
	W46M1A	10/02/2002	IM40MB	MAGNESIUM	2780		UG/L	II	262	272	103	113		
	W46M1A	10/02/2002	IM40MB	MANGANESE	581		UG/L	II	262	272	103	113		
	W46M1A	10/02/2002	IM40MB	MOLYBDENUM	1.7	J	UG/L	II	262	272	103	113	40	
	W46M1A	10/02/2002	IM40MB	POTASSIUM	1610		UG/L	II	262	272	103	113		
	W46M1A	10/02/2002	IM40MB	SODIUM	6970		UG/L	II	262	272	103	113	20000	
	W46M1A	10/02/2002	OC21V	{ND on all 43} analytes				II	262	272	103	113		
	W46M1A	10/02/2002	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.52	J	UG/L	II	262	272	103	113	6	
	W46M1A	10/02/2002	SW8270	DIETHYL PHTHALATE	0.47	J	UG/L	II	262	272	103	113	5000	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W46M1A	11/19/2003	8151	{ND on all 18} analytes				II	262	272	103	113		
	W46M1A	11/19/2003	6020SB	{ND on all 2} analytes				II	262	272	103	113		
	W46M1A	11/19/2003	8330N	{ND on all 19} analytes				II	262	272	103	113		
	W46M1A	11/19/2003	E314.0	{ND on all 1} analytes				3	262	272	103	113		
	W46M1A	11/19/2003	IM40HD	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	11/19/2003	IM40HG	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	11/19/2003	IM40MB	BORON	7.7		UG/L	II	262	272	103	113	600	
	W46M1A	11/19/2003	IM40MB	CALCIUM	7590		UG/L	II	262	272	103	113		
	W46M1A	11/19/2003	IM40MB	IRON	1230		UG/L	II	262	272	103	113		
	W46M1A	11/19/2003	IM40MB	MAGNESIUM	2630		UG/L	II	262	272	103	113		
	W46M1A	11/19/2003	IM40MB	MANGANESE	586		UG/L	II	262	272	103	113		
	W46M1A	11/19/2003	IM40MB	POTASSIUM	650	J	UG/L	II	262	272	103	113		
	W46M1A	11/19/2003	IM40MB	SODIUM	6820	J	UG/L	II	262	272	103	113	20000	
	W46M1A	11/19/2003	OC21V	{ND on all 44} analytes				II	262	272	103	113		
	W46M1A	11/19/2003	SW8270	{ND on all 77} analytes				II	262	272	103	113		
	W46M1A	08/17/2004	6020SB	{ND on all 2} analytes				3	262	272	103	113		
	W46M1A	08/17/2004	8330N	{ND on all 19} analytes				3	262	272	103	113		
	W46M1A	08/17/2004	E314.0	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	08/17/2004	IM40HD	{ND on all 1} analytes				3	262	272	103	113		
	W46M1A	08/17/2004	IM40HG	{ND on all 1} analytes				3	262	272	103	113		
	W46M1A	08/17/2004	IM40MBM	BORON	5.8	J	UG/L	3	262	272	103	113	600	
	W46M1A	08/17/2004	IM40MBM	CALCIUM	7920		UG/L	3	262	272	103	113		
	W46M1A	08/17/2004	IM40MBM	IRON	1100		UG/L	3	262	272	103	113		
	W46M1A	08/17/2004	IM40MBM	MAGNESIUM	2690		UG/L	3	262	272	103	113		
	W46M1A	08/17/2004	IM40MBM	MANGANESE	588		UG/L	3	262	272	103	113		
	W46M1A	08/17/2004	IM40MBM	SODIUM	6650		UG/L	3	262	272	103	113	20000	
	W46M1A	08/17/2004	IM40MBM	ZINC	6.9		UG/L	3	262	272	103	113	2000	
	W46M1A	08/17/2004	OC21VM	{ND on all 45} analytes				3	262	272	103	113		
	W46M1A	08/17/2004	SW8270	{ND on all 77} analytes				3	262	272	103	113		
	W46M1A	07/22/2005	6020SB	{ND on all 2} analytes				II	262	272	103	113		
	W46M1A	07/22/2005	8330N	{ND on all 19} analytes				II	262	272	103	113		
	W46M1A	07/22/2005	E314.0	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	07/22/2005	IM40HG	{ND on all 1} analytes				II	262	272	103	113		
	W46M1A	07/22/2005	IM40MBM	CALCIUM	8070		UG/L	II	262	272	103	113		
	W46M1A	07/22/2005	IM40MBM	IRON	1370		UG/L	II	262	272	103	113		
	W46M1A	07/22/2005	IM40MBM	MAGNESIUM	2970	J	UG/L	II	262	272	103	113		
	W46M1A	07/22/2005	IM40MBM	MANGANESE	608		UG/L	II	262	272	103	113		
	W46M1A	07/22/2005	IM40MBM	POTASSIUM	1440	J	UG/L	II	262	272	103	113		
	W46M1A	07/22/2005	IM40MBM	SODIUM	6710		UG/L	II	262	272	103	113	20000	
	W46M1A	07/22/2005	IM40MBM	ZINC	5.5	J	UG/L	II	262	272	103	113	2000	
	W46M1A	07/22/2005	OC21VM	{ND on all 45} analytes				II	262	272	103	113		
	W46M1A	07/22/2005	SW8270	{ND on all 77} analytes				II	262	272	103	113		
MW-46M2	W46M2A	03/30/1999	300.0	CHLORIDE (AS CL)	8.6		MG/L	II	215	225	56	66		
	W46M2A	03/30/1999	300.0	SULFATE (AS SO4)	17.8		MG/L	II	215	225	56	66		
	W46M2A	03/30/1999	310.1	ALKALINITY, BICARBONATE (AS C	48		MG/L	II	215	225	56	66		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W46M2A	03/30/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	48		MG/L	II	215	225	56	66		
	W46M2A	03/30/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.19	J	MG/L	II	215	225	56	66		
	W46M2A	03/30/1999	504	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	03/30/1999	8151	2,4,5-T (TRICHLOROPHENOXYACE	0.16	NJ	UG/L	II	215	225	56	66	70	
	W46M2A	03/30/1999	8151	DCPA (DACTHAL)	0.12	J	UG/L	II	215	225	56	66		
	W46M2A	03/30/1999	350.2M	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	03/30/1999	353.2M	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	03/30/1999	8021W	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	03/30/1999	8330N	{ND on all 19} analytes				II	215	225	56	66		
	W46M2A	03/30/1999	CYAN	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	03/30/1999	IM40HD	{ND on all 1} analytes				II	215	225	56	66		
	W46M2L	03/30/1999	IM40HD	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	03/30/1999	IM40HG	{ND on all 1} analytes				II	215	225	56	66		
	W46M2L	03/30/1999	IM40HG	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	03/30/1999	IM40MB	ALUMINUM	3520		UG/L	II	215	225	56	66		
	W46M2L	03/30/1999	IM40MB	ALUMINUM	374		UG/L	II	215	225	56	66		
	W46M2A	03/30/1999	IM40MB	BARIUM	32.8		UG/L	II	215	225	56	66	2000	
	W46M2L	03/30/1999	IM40MB	BARIUM	14.4		UG/L	II	215	225	56	66	2000	
	W46M2A	03/30/1999	IM40MB	CALCIUM	6140		UG/L	II	215	225	56	66		
	W46M2L	03/30/1999	IM40MB	CALCIUM	5120		UG/L	II	215	225	56	66		
	W46M2A	03/30/1999	IM40MB	CHROMIUM, TOTAL	8.9		UG/L	II	215	225	56	66	100	
	W46M2L	03/30/1999	IM40MB	CHROMIUM, TOTAL	1.1	J	UG/L	II	215	225	56	66	100	
	W46M2A	03/30/1999	IM40MB	COPPER	8.4	J	UG/L	II	215	225	56	66	1300	
	W46M2A	03/30/1999	IM40MB	IRON	3980		UG/L	II	215	225	56	66		
	W46M2L	03/30/1999	IM40MB	IRON	311	J	UG/L	II	215	225	56	66		
	W46M2A	03/30/1999	IM40MB	LEAD	2.1		UG/L	II	215	225	56	66	15	
	W46M2A	03/30/1999	IM40MB	MAGNESIUM	2200		UG/L	II	215	225	56	66		
	W46M2L	03/30/1999	IM40MB	MAGNESIUM	1560		UG/L	II	215	225	56	66		
	W46M2A	03/30/1999	IM40MB	MANGANESE	177		UG/L	II	215	225	56	66		
	W46M2L	03/30/1999	IM40MB	MANGANESE	120		UG/L	II	215	225	56	66		
	W46M2A	03/30/1999	IM40MB	MOLYBDENUM	48.9		UG/L	II	215	225	56	66	40	X
	W46M2L	03/30/1999	IM40MB	MOLYBDENUM	51		UG/L	II	215	225	56	66	40	X
	W46M2A	03/30/1999	IM40MB	NICKEL	5.5		UG/L	II	215	225	56	66	100	
	W46M2L	03/30/1999	IM40MB	NICKEL	2.9		UG/L	II	215	225	56	66	100	
	W46M2A	03/30/1999	IM40MB	POTASSIUM	5520		UG/L	II	215	225	56	66		
	W46M2L	03/30/1999	IM40MB	POTASSIUM	5150		UG/L	II	215	225	56	66		
	W46M2A	03/30/1999	IM40MB	SODIUM	23300		UG/L	II	215	225	56	66	20000	X
	W46M2L	03/30/1999	IM40MB	SODIUM	24400		UG/L	II	215	225	56	66	20000	X
	W46M2A	03/30/1999	IM40MB	VANADIUM	2.6	J	UG/L	II	215	225	56	66		
	W46M2A	03/30/1999	IM40MB	ZINC	8.5		UG/L	II	215	225	56	66	2000	
	W46M2A	03/30/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	4	J	UG/L	II	215	225	56	66	6	
	W46M2A	03/30/1999	OC21V	{ND on all 44} analytes				II	215	225	56	66		
	W46M2A	03/30/1999	OL21P	{ND on all 28} analytes				II	215	225	56	66		
	W46M2A	03/30/1999	TOC	TOTAL ORGANIC CARBON	0.89		MG/L	II	215	225	56	66		
	W46M2A	08/24/1999	300.0	CHLORIDE (AS CL)	7.7		MG/L	II	215	225	56	66		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W46M2A	08/24/1999	300.0	SULFATE (AS SO4)	7.2		MG/L	II	215	225	56	66		
	W46M2A	08/24/1999	310.1	ALKALINITY, BICARBONATE (AS C	29		MG/L	II	215	225	56	66		
	W46M2A	08/24/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	29	J	MG/L	II	215	225	56	66		
	W46M2A	08/24/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.1	J	MG/L	II	215	225	56	66		
	W46M2A	08/24/1999	504	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	08/24/1999	8151	{ND on all 16} analytes				II	215	225	56	66		
	W46M2A	08/24/1999	350.2M	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	08/24/1999	353.2M	NITRATE/NITRITE (AS N)	0.03		MG/L	II	215	225	56	66	10	
	W46M2A	08/24/1999	8021W	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	08/24/1999	8330N	{ND on all 19} analytes				II	215	225	56	66		
	W46M2A	08/24/1999	CYAN	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	08/24/1999	IM40HD	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	08/24/1999	IM40HG	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	08/24/1999	IM40MB	ALUMINUM	1150		UG/L	II	215	225	56	66		
	W46M2A	08/24/1999	IM40MB	BARIUM	16	J	UG/L	II	215	225	56	66	2000	
	W46M2A	08/24/1999	IM40MB	CALCIUM	4620		UG/L	II	215	225	56	66		
	W46M2A	08/24/1999	IM40MB	CHROMIUM, TOTAL	2.9		UG/L	II	215	225	56	66	100	
	W46M2A	08/24/1999	IM40MB	COPPER	2.4	J	UG/L	II	215	225	56	66	1300	
	W46M2A	08/24/1999	IM40MB	IRON	1330		UG/L	II	215	225	56	66		
	W46M2A	08/24/1999	IM40MB	MAGNESIUM	2120		UG/L	II	215	225	56	66		
	W46M2A	08/24/1999	IM40MB	MANGANESE	150		UG/L	II	215	225	56	66		
	W46M2A	08/24/1999	IM40MB	MOLYBDENUM	17.4		UG/L	II	215	225	56	66	40	
	W46M2A	08/24/1999	IM40MB	POTASSIUM	2560		UG/L	II	215	225	56	66		
	W46M2A	08/24/1999	IM40MB	SODIUM	12500		UG/L	II	215	225	56	66	20000	
	W46M2A	08/24/1999	IM40MB	ZINC	3.5	J	UG/L	II	215	225	56	66	2000	
	W46M2A	08/24/1999	OC21B	{ND on all 64} analytes				II	215	225	56	66		
	W46M2A	08/24/1999	OC21V	{ND on all 44} analytes				II	215	225	56	66		
	W46M2A	08/24/1999	OL21P	{ND on all 28} analytes				II	215	225	56	66		
	W46M2A	08/24/1999	TOC	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	11/01/1999	300.0	CHLORIDE (AS CL)	7.4		MG/L	II	215	225	56	66		
	W46M2A	11/01/1999	300.0	SULFATE (AS SO4)	7		MG/L	II	215	225	56	66		
	W46M2A	11/01/1999	310.1	ALKALINITY, BICARBONATE (AS C	26		MG/L	II	215	225	56	66		
	W46M2A	11/01/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	26		MG/L	II	215	225	56	66		
	W46M2A	11/01/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.04		MG/L	II	215	225	56	66		
	W46M2A	11/01/1999	504	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	11/01/1999	8151	{ND on all 18} analytes				II	215	225	56	66		
	W46M2A	11/01/1999	350.2M	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	11/01/1999	353.2M	NITRATE/NITRITE (AS N)	0.01		MG/L	II	215	225	56	66	10	
	W46M2A	11/01/1999	8021W	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	11/01/1999	8330N	{ND on all 18} analytes				II	215	225	56	66		
	W46M2A	11/01/1999	CYAN	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	11/01/1999	IM40HD	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	11/01/1999	IM40HG	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	11/01/1999	IM40MB	ALUMINUM	887		UG/L	II	215	225	56	66		
	W46M2A	11/01/1999	IM40MB	BARIUM	14.1		UG/L	II	215	225	56	66	2000	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W46M2A	11/01/1999	IM40MB	BORON	10.6		UG/L	II	215	225	56	66	600	
	W46M2A	11/01/1999	IM40MB	CALCIUM	4510		UG/L	II	215	225	56	66		
	W46M2A	11/01/1999	IM40MB	CHROMIUM, TOTAL	2.3		UG/L	II	215	225	56	66	100	
	W46M2A	11/01/1999	IM40MB	IRON	1090		UG/L	II	215	225	56	66		
	W46M2A	11/01/1999	IM40MB	MAGNESIUM	2220		UG/L	II	215	225	56	66		
	W46M2A	11/01/1999	IM40MB	MANGANESE	144		UG/L	II	215	225	56	66		
	W46M2A	11/01/1999	IM40MB	MOLYBDENUM	8.6	J	UG/L	II	215	225	56	66	40	
	W46M2A	11/01/1999	IM40MB	POTASSIUM	2020		UG/L	II	215	225	56	66		
	W46M2A	11/01/1999	IM40MB	SODIUM	9960		UG/L	II	215	225	56	66	20000	
	W46M2A	11/01/1999	IM40MB	ZINC	5.4		UG/L	II	215	225	56	66	2000	
	W46M2A	11/01/1999	OC21B	{ND on all 64} analytes				II	215	225	56	66		
	W46M2A	11/01/1999	OC21V	{ND on all 44} analytes				II	215	225	56	66		
	W46M2A	11/01/1999	OL21P	{ND on all 28} analytes				II	215	225	56	66		
	W46M2A	11/01/1999	TOC	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	05/15/2000	8151	{ND on all 15} analytes				II	215	225	56	66		
	W46M2A	05/15/2000	IM40HG	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	05/15/2000	IM40MB	ALUMINUM	421		UG/L	II	215	225	56	66		
	W46M2A	05/15/2000	IM40MB	ARSENIC	4.3	J	UG/L	II	215	225	56	66	10	
	W46M2A	05/15/2000	IM40MB	BORON	9		UG/L	II	215	225	56	66	600	
	W46M2A	05/15/2000	IM40MB	CALCIUM	3830		UG/L	II	215	225	56	66		
	W46M2A	05/15/2000	IM40MB	IRON	621		UG/L	II	215	225	56	66		
	W46M2A	05/15/2000	IM40MB	MAGNESIUM	1800		UG/L	II	215	225	56	66		
	W46M2A	05/15/2000	IM40MB	MANGANESE	75		UG/L	II	215	225	56	66		
	W46M2A	05/15/2000	IM40MB	MOLYBDENUM	3.7		UG/L	II	215	225	56	66	40	
	W46M2A	05/15/2000	IM40MB	POTASSIUM	1310		UG/L	II	215	225	56	66		
	W46M2A	05/15/2000	IM40MB	SODIUM	7290		UG/L	II	215	225	56	66	20000	
	W46M2A	05/15/2000	IM40MB	ZINC	3.3		UG/L	II	215	225	56	66	2000	
	W46M2A	08/23/2000	300.0	CHLORIDE (AS CL)	7.2		MG/L	II	215	225	56	66		
	W46M2A	08/23/2000	300.0	SULFATE (AS SO4)	6		MG/L	II	215	225	56	66		
	W46M2A	08/23/2000	310.1	ALKALINITY, BICARBONATE (AS C	14		MG/L	II	215	225	56	66		
	W46M2A	08/23/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	14		MG/L	II	215	225	56	66		
	W46M2A	08/23/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.05	J	MG/L	II	215	225	56	66		
	W46M2A	08/23/2000	504	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	08/23/2000	8151	{ND on all 17} analytes				II	215	225	56	66		
	W46M2A	08/23/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.09	J	MG/L	II	215	225	56	66	30	
	W46M2A	08/23/2000	353.2M	NITRATE/NITRITE (AS N)	0.01		MG/L	II	215	225	56	66	10	
	W46M2A	08/23/2000	8021W	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	08/23/2000	8330N	{ND on all 19} analytes				II	215	225	56	66		
	W46M2A	08/23/2000	CYAN	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	08/23/2000	E314.0	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	08/23/2000	IM40HD	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	08/23/2000	IM40HG	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	08/23/2000	IM40MB	ALUMINUM	471		UG/L	II	215	225	56	66		
	W46M2A	08/23/2000	IM40MB	BARIUM	8.8	J	UG/L	II	215	225	56	66	2000	
	W46M2A	08/23/2000	IM40MB	BORON	7.8	J	UG/L	II	215	225	56	66	600	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W46M2A	08/23/2000	IM40MB	CALCIUM	3390		UG/L	II	215	225	56	66		
	W46M2A	08/23/2000	IM40MB	IRON	569		UG/L	II	215	225	56	66		
	W46M2A	08/23/2000	IM40MB	MAGNESIUM	1830		UG/L	II	215	225	56	66		
	W46M2A	08/23/2000	IM40MB	MANGANESE	54.6		UG/L	II	215	225	56	66		
	W46M2A	08/23/2000	IM40MB	MOLYBDENUM	3.9	J	UG/L	II	215	225	56	66	40	
	W46M2A	08/23/2000	IM40MB	POTASSIUM	1640		UG/L	II	215	225	56	66		
	W46M2A	08/23/2000	IM40MB	SODIUM	7390		UG/L	II	215	225	56	66	20000	
	W46M2A	08/23/2000	OC21V	{ND on all 44} analytes				II	215	225	56	66		
	W46M2A	08/23/2000	OL21P	{ND on all 28} analytes				II	215	225	56	66		
	W46M2A	08/23/2000	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	2	J	UG/L	II	215	225	56	66	6	
	W46M2A	08/23/2000	TOC	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	11/16/2000	8151	{ND on all 15} analytes				II	215	225	56	66		
	W46M2A	11/16/2000	IM40HD	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	11/16/2000	IM40HG	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	11/16/2000	IM40MB	ALUMINUM	597		UG/L	II	215	225	56	66		
	W46M2A	11/16/2000	IM40MB	BARIUM	9.3		UG/L	II	215	225	56	66	2000	
	W46M2A	11/16/2000	IM40MB	CALCIUM	3390		UG/L	II	215	225	56	66		
	W46M2A	11/16/2000	IM40MB	CHROMIUM, TOTAL	2.2		UG/L	II	215	225	56	66	100	
	W46M2A	11/16/2000	IM40MB	COPPER	5.6	J	UG/L	II	215	225	56	66	1300	
	W46M2A	11/16/2000	IM40MB	IRON	670		UG/L	II	215	225	56	66		
	W46M2A	11/16/2000	IM40MB	MAGNESIUM	1730		UG/L	II	215	225	56	66		
	W46M2A	11/16/2000	IM40MB	MANGANESE	38.4		UG/L	II	215	225	56	66		
	W46M2A	11/16/2000	IM40MB	NICKEL	1.9	J	UG/L	II	215	225	56	66	100	
	W46M2A	11/16/2000	IM40MB	POTASSIUM	1430		UG/L	II	215	225	56	66		
	W46M2A	11/16/2000	IM40MB	SODIUM	6950		UG/L	II	215	225	56	66	20000	
	W46M2A	11/16/2000	IM40MB	ZINC	4.4		UG/L	II	215	225	56	66	2000	
	W46M2A	05/21/2001	ILSBTL	{ND on all 2} analytes				3	215	225	56	66		
	W46M2A	05/21/2001	IM40HD	{ND on all 1} analytes				NV	215	225	56	66		
	W46M2A	05/21/2001	IM40HG	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	05/21/2001	IM40MB	ALUMINUM	250		UG/L	II	215	225	56	66		
	W46M2A	05/21/2001	IM40MB	BARIUM	5.5	J	UG/L	II	215	225	56	66	2000	
	W46M2A	05/21/2001	IM40MB	CALCIUM	2990		UG/L	II	215	225	56	66		
	W46M2A	05/21/2001	IM40MB	IRON	269		UG/L	II	215	225	56	66		
	W46M2A	05/21/2001	IM40MB	MAGNESIUM	1560		UG/L	II	215	225	56	66		
	W46M2A	05/21/2001	IM40MB	MANGANESE	17.4		UG/L	II	215	225	56	66		
	W46M2A	05/21/2001	IM40MB	POTASSIUM	1260		UG/L	II	215	225	56	66		
	W46M2A	05/21/2001	IM40MB	SODIUM	5980		UG/L	II	215	225	56	66	20000	
	W46M2A	08/07/2001	8151	{ND on all 18} analytes				3	215	225	56	66		
	W46M2A	08/07/2001	8330N	{ND on all 19} analytes				3	215	225	56	66		
	W46M2A	08/07/2001	E314.0	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	08/07/2001	ILSBTL	{ND on all 2} analytes				II	215	225	56	66		
	W46M2A	08/07/2001	IM40HD	{ND on all 1} analytes				3	215	225	56	66		
	W46M2A	08/07/2001	IM40HG	{ND on all 1} analytes				3	215	225	56	66		
	W46M2A	08/07/2001	IM40MB	ALUMINUM	641		UG/L	3	215	225	56	66		
	W46M2A	08/07/2001	IM40MB	BARIUM	8		UG/L	3	215	225	56	66	2000	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W46M2A	08/07/2001	IM40MB	BORON	7.3		UG/L	3	215	225	56	66	600	
	W46M2A	08/07/2001	IM40MB	CALCIUM	3130		UG/L	3	215	225	56	66		
	W46M2A	08/07/2001	IM40MB	IRON	698		UG/L	3	215	225	56	66		
	W46M2A	08/07/2001	IM40MB	MAGNESIUM	1860		UG/L	3	215	225	56	66		
	W46M2A	08/07/2001	IM40MB	MANGANESE	28.9		UG/L	3	215	225	56	66		
	W46M2A	08/07/2001	IM40MB	MOLYBDENUM	2.8		UG/L	3	215	225	56	66	40	
	W46M2A	08/07/2001	IM40MB	POTASSIUM	1370		UG/L	3	215	225	56	66		
	W46M2A	08/07/2001	IM40MB	SODIUM	6670		UG/L	3	215	225	56	66	20000	
	W46M2A	08/07/2001	IM40MB	ZINC	4.3		UG/L	3	215	225	56	66	2000	
	W46M2A	08/07/2001	OC21V	{ND on all 44} analytes				3	215	225	56	66		
	W46M2A	08/07/2001	OL21P	{ND on all 28} analytes				3	215	225	56	66		
	W46M2A	08/07/2001	SW8270	{ND on all 77} analytes				3	215	225	56	66		
	W46M2A	12/20/2001	ILSBTL	{ND on all 2} analytes				II	215	225	56	66		
	W46M2A	12/20/2001	IM40HD	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	12/20/2001	IM40HG	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	12/20/2001	IM40MB	ALUMINUM	146	J	UG/L	II	215	225	56	66		
	W46M2A	12/20/2001	IM40MB	BORON	8	J	UG/L	II	215	225	56	66	600	
	W46M2A	12/20/2001	IM40MB	CALCIUM	3430		UG/L	II	215	225	56	66		
	W46M2A	12/20/2001	IM40MB	COPPER	4	J	UG/L	II	215	225	56	66	1300	
	W46M2A	12/20/2001	IM40MB	IRON	162	J	UG/L	II	215	225	56	66		
	W46M2A	12/20/2001	IM40MB	MAGNESIUM	1800		UG/L	II	215	225	56	66		
	W46M2A	12/20/2001	IM40MB	MANGANESE	12.7		UG/L	II	215	225	56	66		
	W46M2A	12/20/2001	IM40MB	POTASSIUM	1380		UG/L	II	215	225	56	66		
	W46M2A	12/20/2001	IM40MB	SODIUM	6540		UG/L	II	215	225	56	66	20000	
	W46M2A	12/20/2001	IM40MB	ZINC	5.9		UG/L	II	215	225	56	66	2000	
	W46M2A	07/12/2002	E314.0	{ND on all 1} analytes				3	215	225	56	66		
	W46M2A	10/03/2002	8151	{ND on all 18} analytes				II	215	225	56	66		
	W46M2A	10/03/2002	8330N	{ND on all 19} analytes				II	215	225	56	66		
	W46M2A	10/03/2002	E314.0	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	10/03/2002	ILSBTL	{ND on all 2} analytes				II	215	225	56	66		
	W46M2A	10/03/2002	IM40HD	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	10/03/2002	IM40HG	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	10/03/2002	IM40MB	CALCIUM	3420		UG/L	II	215	225	56	66		
	W46M2A	10/03/2002	IM40MB	MAGNESIUM	1740		UG/L	II	215	225	56	66		
	W46M2A	10/03/2002	IM40MB	MANGANESE	3.4	J	UG/L	II	215	225	56	66		
	W46M2A	10/03/2002	IM40MB	MOLYBDENUM	1.4	J	UG/L	II	215	225	56	66	40	
	W46M2A	10/03/2002	IM40MB	POTASSIUM	1280		UG/L	II	215	225	56	66		
	W46M2A	10/03/2002	IM40MB	SODIUM	6490		UG/L	II	215	225	56	66	20000	
	W46M2A	10/03/2002	OC21V	CHLOROFORM	0.3	J	UG/L	II	215	225	56	66	80	
	W46M2A	10/03/2002	SW8270	{ND on all 77} analytes				II	215	225	56	66		
	W46M2A	11/19/2003	8151	{ND on all 18} analytes				II	215	225	56	66		
	W46M2A	11/19/2003	6020SB	{ND on all 2} analytes				II	215	225	56	66		
	W46M2A	11/19/2003	8330N	{ND on all 19} analytes				II	215	225	56	66		
	W46M2A	11/19/2003	E314.0	{ND on all 1} analytes				3	215	225	56	66		
	W46M2A	11/19/2003	IM40HD	{ND on all 1} analytes				II	215	225	56	66		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W46M2A	11/19/2003	IM40HG	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	11/19/2003	IM40MB	BORON	7		UG/L	II	215	225	56	66	600	
	W46M2A	11/19/2003	IM40MB	CALCIUM	3290		UG/L	II	215	225	56	66		
	W46M2A	11/19/2003	IM40MB	COPPER	2.5	J	UG/L	II	215	225	56	66	1300	
	W46M2A	11/19/2003	IM40MB	IRON	106		UG/L	II	215	225	56	66		
	W46M2A	11/19/2003	IM40MB	MAGNESIUM	1650		UG/L	II	215	225	56	66		
	W46M2A	11/19/2003	IM40MB	MANGANESE	8.4		UG/L	II	215	225	56	66		
	W46M2A	11/19/2003	IM40MB	POTASSIUM	529	J	UG/L	II	215	225	56	66		
	W46M2A	11/19/2003	IM40MB	SILVER	2.1		UG/L	II	215	225	56	66	100	
	W46M2A	11/19/2003	IM40MB	SODIUM	6110	J	UG/L	II	215	225	56	66	20000	
	W46M2A	11/19/2003	OC21V	CHLOROFORM	0.2	J	UG/L	II	215	225	56	66	80	
	W46M2A	11/19/2003	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.42	J	UG/L	II	215	225	56	66	6	
	W46M2A	08/17/2004	6020SB	{ND on all 2} analytes				II	215	225	56	66		
	W46M2A	08/17/2004	8330N	{ND on all 19} analytes				II	215	225	56	66		
	W46M2A	08/17/2004	E314.0	{ND on all 1} analytes				3	215	225	56	66		
	W46M2A	08/17/2004	IM40HD	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	08/17/2004	IM40HG	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	08/17/2004	IM40MBM	BORON	5.5	J	UG/L	II	215	225	56	66	600	
	W46M2A	08/17/2004	IM40MBM	CALCIUM	3930		UG/L	II	215	225	56	66		
	W46M2A	08/17/2004	IM40MBM	MAGNESIUM	2000		UG/L	II	215	225	56	66		
	W46M2A	08/17/2004	IM40MBM	MANGANESE	5.9		UG/L	II	215	225	56	66		
	W46M2A	08/17/2004	IM40MBM	SODIUM	6580		UG/L	II	215	225	56	66	20000	
	W46M2A	08/17/2004	IM40MBM	ZINC	3.4	J	UG/L	II	215	225	56	66	2000	
	W46M2A	08/17/2004	OC21VM	{ND on all 45} analytes				II	215	225	56	66		
	W46M2A	08/17/2004	SW8270	{ND on all 77} analytes				II	215	225	56	66		
	W46M2A	07/22/2005	6020SB	{ND on all 2} analytes				II	215	225	56	66		
	W46M2A	07/22/2005	8330N	{ND on all 19} analytes				II	215	225	56	66		
	W46M2A	07/22/2005	E314.0	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	07/22/2005	IM40HG	{ND on all 1} analytes				II	215	225	56	66		
	W46M2A	07/22/2005	IM40MBM	CALCIUM	4250	J	UG/L	II	215	225	56	66		
	W46M2A	07/22/2005	IM40MBM	MAGNESIUM	2520	J	UG/L	II	215	225	56	66		
	W46M2A	07/22/2005	IM40MBM	MANGANESE	7	J	UG/L	II	215	225	56	66		
	W46M2A	07/22/2005	IM40MBM	POTASSIUM	1270	J	UG/L	II	215	225	56	66		
	W46M2A	07/22/2005	IM40MBM	SODIUM	6650		UG/L	II	215	225	56	66	20000	
	W46M2A	07/22/2005	IM40MBM	ZINC	4.5	J	UG/L	II	215	225	56	66	2000	
	W46M2A	07/22/2005	OC21VM	{ND on all 45} analytes				II	215	225	56	66		
	W46M2A	07/22/2005	SW8270	{ND on all 77} analytes				II	215	225	56	66		
MW-46M3	W46M3A	03/31/1999	300.0	CHLORIDE (AS CL)	10.6		MG/L	II	182	192	23	33		
	W46M3D	03/31/1999	300.0	CHLORIDE (AS CL)	10.6		MG/L	II	182	192	23	33		
	W46M3A	03/31/1999	300.0	SULFATE (AS SO4)	4.9		MG/L	II	182	192	23	33		
	W46M3D	03/31/1999	300.0	SULFATE (AS SO4)	4.9		MG/L	II	182	192	23	33		
	W46M3A	03/31/1999	310.1	ALKALINITY, BICARBONATE (AS C	4.5		MG/L	II	182	192	23	33		
	W46M3D	03/31/1999	310.1	ALKALINITY, BICARBONATE (AS C	3.5		MG/L	II	182	192	23	33		
	W46M3A	03/31/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	4.5		MG/L	II	182	192	23	33		
	W46M3D	03/31/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	3.5		MG/L	II	182	192	23	33		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W46M3A	03/31/1999	365.2	{ND on all 1} analytes				II	182	192	23	33		
	W46M3D	03/31/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.01	J	MG/L	II	182	192	23	33		
	W46M3A	03/31/1999	504	{ND on all 1} analytes				II	182	192	23	33		
	W46M3D	03/31/1999	504	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	03/31/1999	8151	{ND on all 18} analytes				II	182	192	23	33		
	W46M3D	03/31/1999	8151	{ND on all 18} analytes				II	182	192	23	33		
	W46M3A	03/31/1999	350.2M	{ND on all 1} analytes				II	182	192	23	33		
	W46M3D	03/31/1999	350.2M	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	03/31/1999	353.2M	NITRATE/NITRITE (AS N)	0.01		MG/L	II	182	192	23	33	10	
	W46M3D	03/31/1999	353.2M	NITRATE/NITRITE (AS N)	0.01		MG/L	II	182	192	23	33	10	
	W46M3A	03/31/1999	8021W	{ND on all 1} analytes				II	182	192	23	33		
	W46M3D	03/31/1999	8021W	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	03/31/1999	8330N	{ND on all 19} analytes				II	182	192	23	33		
	W46M3D	03/31/1999	8330N	{ND on all 19} analytes				II	182	192	23	33		
	W46M3A	03/31/1999	CYAN	{ND on all 1} analytes				II	182	192	23	33		
	W46M3D	03/31/1999	CYAN	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	03/31/1999	IM40HD	{ND on all 1} analytes				II	182	192	23	33		
	W46M3D	03/31/1999	IM40HD	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	03/31/1999	IM40HG	{ND on all 1} analytes				II	182	192	23	33		
	W46M3D	03/31/1999	IM40HG	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	03/31/1999	IM40MB	BARIUM	9.4	J	UG/L	II	182	192	23	33	2000	
	W46M3D	03/31/1999	IM40MB	BARIUM	9.6	J	UG/L	II	182	192	23	33	2000	
	W46M3A	03/31/1999	IM40MB	CALCIUM	1800		UG/L	II	182	192	23	33		
	W46M3D	03/31/1999	IM40MB	CALCIUM	1830		UG/L	II	182	192	23	33		
	W46M3A	03/31/1999	IM40MB	COPPER	2		UG/L	II	182	192	23	33	1300	
	W46M3D	03/31/1999	IM40MB	COPPER	2.2		UG/L	II	182	192	23	33	1300	
	W46M3A	03/31/1999	IM40MB	MAGNESIUM	1490		UG/L	II	182	192	23	33		
	W46M3D	03/31/1999	IM40MB	MAGNESIUM	1520		UG/L	II	182	192	23	33		
	W46M3A	03/31/1999	IM40MB	MANGANESE	11.1		UG/L	II	182	192	23	33		
	W46M3D	03/31/1999	IM40MB	MANGANESE	11.3		UG/L	II	182	192	23	33		
	W46M3A	03/31/1999	IM40MB	NICKEL	2.3	J	UG/L	II	182	192	23	33	100	
	W46M3D	03/31/1999	IM40MB	NICKEL	2.5	J	UG/L	II	182	192	23	33	100	
	W46M3A	03/31/1999	IM40MB	POTASSIUM	749		UG/L	II	182	192	23	33		
	W46M3D	03/31/1999	IM40MB	POTASSIUM	771		UG/L	II	182	192	23	33		
	W46M3A	03/31/1999	IM40MB	SODIUM	5650		UG/L	II	182	192	23	33	20000	
	W46M3D	03/31/1999	IM40MB	SODIUM	5670		UG/L	II	182	192	23	33	20000	
	W46M3A	03/31/1999	IM40MB	ZINC	1.6	J	UG/L	II	182	192	23	33	2000	
	W46M3D	03/31/1999	IM40MB	ZINC	1.7	J	UG/L	II	182	192	23	33	2000	
	W46M3A	03/31/1999	OC21B	{ND on all 64} analytes				II	182	192	23	33		
	W46M3D	03/31/1999	OC21B	{ND on all 64} analytes				II	182	192	23	33		
	W46M3A	03/31/1999	OC21V	CHLOROFORM	1		UG/L	II	182	192	23	33	80	
	W46M3D	03/31/1999	OC21V	CHLOROFORM	1		UG/L	II	182	192	23	33	80	
	W46M3A	03/31/1999	OL21P	{ND on all 28} analytes				II	182	192	23	33		
	W46M3D	03/31/1999	OL21P	{ND on all 28} analytes				II	182	192	23	33		
	W46M3A	03/31/1999	TOC	{ND on all 1} analytes				II	182	192	23	33		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W46M3D	03/31/1999	TOC	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	08/23/1999	300.0	CHLORIDE (AS CL)	9.3		MG/L	II	182	192	23	33		
	W46M3D	08/23/1999	300.0	CHLORIDE (AS CL)	9.2		MG/L	II	182	192	23	33		
	W46M3A	08/23/1999	300.0	SULFATE (AS SO4)	4.8		MG/L	II	182	192	23	33		
	W46M3D	08/23/1999	300.0	SULFATE (AS SO4)	4.8		MG/L	II	182	192	23	33		
	W46M3A	08/23/1999	310.1	ALKALINITY, BICARBONATE (AS C	3		MG/L	II	182	192	23	33		
	W46M3D	08/23/1999	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	182	192	23	33		
	W46M3A	08/23/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	3	J	MG/L	II	182	192	23	33		
	W46M3D	08/23/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	4	J	MG/L	II	182	192	23	33		
	W46M3A	08/23/1999	365.2	{ND on all 1} analytes				II	182	192	23	33		
	W46M3D	08/23/1999	365.2	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	08/23/1999	504	{ND on all 1} analytes				II	182	192	23	33		
	W46M3D	08/23/1999	504	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	08/23/1999	8151	{ND on all 16} analytes				II	182	192	23	33		
	W46M3D	08/23/1999	8151	{ND on all 16} analytes				II	182	192	23	33		
	W46M3A	08/23/1999	350.2M	{ND on all 1} analytes				II	182	192	23	33		
	W46M3D	08/23/1999	350.2M	NITROGEN, AMMONIA (AS N)	0.05	J	MG/L	II	182	192	23	33	30	
	W46M3A	08/23/1999	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	182	192	23	33	10	
	W46M3D	08/23/1999	353.2M	NITRATE/NITRITE (AS N)	0.03		MG/L	II	182	192	23	33	10	
	W46M3A	08/23/1999	8021W	{ND on all 1} analytes				II	182	192	23	33		
	W46M3D	08/23/1999	8021W	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	08/23/1999	8330N	{ND on all 19} analytes				II	182	192	23	33		
	W46M3D	08/23/1999	8330N	{ND on all 19} analytes				II	182	192	23	33		
	W46M3A	08/23/1999	CYAN	{ND on all 1} analytes				II	182	192	23	33		
	W46M3D	08/23/1999	CYAN	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	08/23/1999	IM40HD	{ND on all 1} analytes				II	182	192	23	33		
	W46M3D	08/23/1999	IM40HD	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	08/23/1999	IM40HG	{ND on all 1} analytes				II	182	192	23	33		
	W46M3D	08/23/1999	IM40HG	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	08/23/1999	IM40MB	BORON	6.6		UG/L	II	182	192	23	33	600	
	W46M3D	08/23/1999	IM40MB	BORON	4.5	J	UG/L	II	182	192	23	33	600	
	W46M3A	08/23/1999	IM40MB	CALCIUM	1610		UG/L	II	182	192	23	33		
	W46M3D	08/23/1999	IM40MB	CALCIUM	1580		UG/L	II	182	192	23	33		
	W46M3A	08/23/1999	IM40MB	MAGNESIUM	1320		UG/L	II	182	192	23	33		
	W46M3D	08/23/1999	IM40MB	MAGNESIUM	1300		UG/L	II	182	192	23	33		
	W46M3A	08/23/1999	IM40MB	MANGANESE	1.3	J	UG/L	II	182	192	23	33		
	W46M3A	08/23/1999	IM40MB	POTASSIUM	726		UG/L	II	182	192	23	33		
	W46M3D	08/23/1999	IM40MB	POTASSIUM	688		UG/L	II	182	192	23	33		
	W46M3A	08/23/1999	IM40MB	SODIUM	5900		UG/L	II	182	192	23	33	20000	
	W46M3D	08/23/1999	IM40MB	SODIUM	5530		UG/L	II	182	192	23	33	20000	
	W46M3A	08/23/1999	OC21B	{ND on all 64} analytes				II	182	192	23	33		
	W46M3D	08/23/1999	OC21B	{ND on all 64} analytes				II	182	192	23	33		
	W46M3A	08/23/1999	OC21V	BENZENE	0.3	J	UG/L	II	182	192	23	33	5	
	W46M3D	08/23/1999	OC21V	BENZENE	0.3	J	UG/L	II	182	192	23	33	5	
	W46M3A	08/23/1999	OC21V	CHLOROFORM	0.8	J	UG/L	II	182	192	23	33	80	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W46M3D	08/23/1999	OC21V	CHLOROFORM	0.8	J	UG/L	II	182	192	23	33	80	
	W46M3A	08/23/1999	OC21V	TOLUENE	0.3	J	UG/L	II	182	192	23	33	1000	
	W46M3D	08/23/1999	OC21V	TOLUENE	0.3	J	UG/L	II	182	192	23	33	1000	
	W46M3A	08/23/1999	OL21P	{ND on all 28} analytes				II	182	192	23	33		
	W46M3D	08/23/1999	OL21P	{ND on all 28} analytes				II	182	192	23	33		
	W46M3A	08/23/1999	TOC	{ND on all 1} analytes				II	182	192	23	33		
	W46M3D	08/23/1999	TOC	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	11/01/1999	300.0	CHLORIDE (AS CL)	9		MG/L	II	182	192	23	33		
	W46M3A	11/01/1999	300.0	SULFATE (AS SO4)	4.5		MG/L	II	182	192	23	33		
	W46M3A	11/01/1999	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	182	192	23	33		
	W46M3A	11/01/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	182	192	23	33		
	W46M3A	11/01/1999	365.2	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	11/01/1999	504	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	11/01/1999	8151	{ND on all 18} analytes				II	182	192	23	33		
	W46M3A	11/01/1999	350.2M	NITROGEN, AMMONIA (AS N)	0.09	J	MG/L	II	182	192	23	33	30	
	W46M3A	11/01/1999	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	182	192	23	33	10	
	W46M3A	11/01/1999	8021W	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	11/01/1999	8330N	{ND on all 18} analytes				II	182	192	23	33		
	W46M3A	11/01/1999	CYAN	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	11/01/1999	IM40HD	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	11/01/1999	IM40HG	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	11/01/1999	IM40MB	BORON	7.9		UG/L	II	182	192	23	33	600	
	W46M3A	11/01/1999	IM40MB	CALCIUM	1510		UG/L	II	182	192	23	33		
	W46M3A	11/01/1999	IM40MB	MAGNESIUM	1250		UG/L	II	182	192	23	33		
	W46M3A	11/01/1999	IM40MB	POTASSIUM	617		UG/L	II	182	192	23	33		
	W46M3A	11/01/1999	IM40MB	SODIUM	5460		UG/L	II	182	192	23	33	20000	
	W46M3A	11/01/1999	OC21B	{ND on all 64} analytes				II	182	192	23	33		
	W46M3A	11/01/1999	OC21V	CHLOROFORM	0.9	J	UG/L	II	182	192	23	33	80	
	W46M3A	11/01/1999	OL21P	{ND on all 28} analytes				II	182	192	23	33		
	W46M3A	11/01/1999	TOC	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	05/16/2000	OC21V	CHLOROFORM	0.8	J	UG/L	II	182	192	23	33	80	
	W46M3A	08/23/2000	300.0	CHLORIDE (AS CL)	9.9		MG/L	II	182	192	23	33		
	W46M3A	08/23/2000	300.0	SULFATE (AS SO4)	4.3		MG/L	II	182	192	23	33		
	W46M3A	08/23/2000	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	182	192	23	33		
	W46M3A	08/23/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	182	192	23	33		
	W46M3A	08/23/2000	365.2	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	08/23/2000	504	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	08/23/2000	8151	{ND on all 17} analytes				II	182	192	23	33		
	W46M3A	08/23/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.05	J	MG/L	II	182	192	23	33	30	
	W46M3A	08/23/2000	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	182	192	23	33	10	
	W46M3A	08/23/2000	8021W	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	08/23/2000	8330N	{ND on all 19} analytes				II	182	192	23	33		
	W46M3A	08/23/2000	CYAN	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	08/23/2000	E314.0	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	08/23/2000	IM40HD	{ND on all 1} analytes				II	182	192	23	33		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W46M3A	08/23/2000	IM40HG	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	08/23/2000	IM40MB	BORON	8.8		UG/L	II	182	192	23	33	600	
	W46M3A	08/23/2000	IM40MB	CALCIUM	1570		UG/L	II	182	192	23	33		
	W46M3A	08/23/2000	IM40MB	MAGNESIUM	1340		UG/L	II	182	192	23	33		
	W46M3A	08/23/2000	IM40MB	POTASSIUM	682		UG/L	II	182	192	23	33		
	W46M3A	08/23/2000	IM40MB	SODIUM	5680		UG/L	II	182	192	23	33	20000	
	W46M3A	08/23/2000	OC21V	CHLOROFORM	0.9	J	UG/L	II	182	192	23	33	80	
	W46M3A	08/23/2000	OL21P	{ND on all 28} analytes				II	182	192	23	33		
	W46M3A	08/23/2000	SW8270	{ND on all 77} analytes				II	182	192	23	33		
	W46M3A	08/23/2000	TOC	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	11/16/2000	OC21V	CHLOROFORM	0.8	J	UG/L	II	182	192	23	33	80	
	W46M3A	08/07/2001	8151	{ND on all 18} analytes				3	182	192	23	33		
	W46M3D	08/07/2001	8151	{ND on all 18} analytes				3	182	192	23	33		
	W46M3A	08/07/2001	8330N	{ND on all 19} analytes				3	182	192	23	33		
	W46M3D	08/07/2001	8330N	{ND on all 19} analytes				3	182	192	23	33		
	W46M3A	08/07/2001	E314.0	{ND on all 1} analytes				II	182	192	23	33		
	W46M3D	08/07/2001	E314.0	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	08/07/2001	ILSBTL	{ND on all 2} analytes				3	182	192	23	33		
	W46M3D	08/07/2001	ILSBTL	{ND on all 2} analytes				3	182	192	23	33		
	W46M3A	08/07/2001	IM40HD	{ND on all 1} analytes				3	182	192	23	33		
	W46M3D	08/07/2001	IM40HD	{ND on all 1} analytes				3	182	192	23	33		
	W46M3A	08/07/2001	IM40HG	{ND on all 1} analytes				3	182	192	23	33		
	W46M3D	08/07/2001	IM40HG	{ND on all 1} analytes				3	182	192	23	33		
	W46M3D	08/07/2001	IM40MB	BARIUM	3.7	J	UG/L	3	182	192	23	33	2000	
	W46M3A	08/07/2001	IM40MB	BORON	8		UG/L	3	182	192	23	33	600	
	W46M3D	08/07/2001	IM40MB	BORON	8.1		UG/L	3	182	192	23	33	600	
	W46M3A	08/07/2001	IM40MB	CALCIUM	1480		UG/L	3	182	192	23	33		
	W46M3D	08/07/2001	IM40MB	CALCIUM	1530		UG/L	3	182	192	23	33		
	W46M3A	08/07/2001	IM40MB	MAGNESIUM	1340		UG/L	3	182	192	23	33		
	W46M3D	08/07/2001	IM40MB	MAGNESIUM	1370		UG/L	3	182	192	23	33		
	W46M3A	08/07/2001	IM40MB	POTASSIUM	537		UG/L	3	182	192	23	33		
	W46M3D	08/07/2001	IM40MB	POTASSIUM	609		UG/L	3	182	192	23	33		
	W46M3A	08/07/2001	IM40MB	SODIUM	5780		UG/L	3	182	192	23	33	20000	
	W46M3D	08/07/2001	IM40MB	SODIUM	5940		UG/L	3	182	192	23	33	20000	
	W46M3A	08/07/2001	OC21V	CHLOROFORM	0.8	J	UG/L	3	182	192	23	33	80	
	W46M3D	08/07/2001	OC21V	CHLOROFORM	0.9	J	UG/L	3	182	192	23	33	80	
	W46M3A	08/07/2001	OC21V	CHLOROMETHANE	0.3	J	UG/L	3	182	192	23	33	30	
	W46M3A	08/07/2001	OL21P	{ND on all 28} analytes				3	182	192	23	33		
	W46M3D	08/07/2001	OL21P	{ND on all 28} analytes				3	182	192	23	33		
	W46M3A	08/07/2001	SW8270	{ND on all 77} analytes				3	182	192	23	33		
	W46M3D	08/07/2001	SW8270	{ND on all 77} analytes				3	182	192	23	33		
	W46M3A	07/10/2002	E314.0	{ND on all 1} analytes				3	182	192	23	33		
	W46M3A	10/03/2002	8151	{ND on all 18} analytes				II	182	192	23	33		
	W46M3A	10/03/2002	8330N	{ND on all 19} analytes				II	182	192	23	33		
	W46M3A	10/03/2002	E314.0	{ND on all 1} analytes				II	182	192	23	33		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W46M3A	10/03/2002	ILSBTL	{ND on all 2} analytes				II	182	192	23	33		
	W46M3A	10/03/2002	IM40HD	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	10/03/2002	IM40HG	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	10/03/2002	IM40MB	CALCIUM	1550		UG/L	II	182	192	23	33		
	W46M3A	10/03/2002	IM40MB	MAGNESIUM	1230		UG/L	II	182	192	23	33		
	W46M3A	10/03/2002	IM40MB	POTASSIUM	583		UG/L	II	182	192	23	33		
	W46M3A	10/03/2002	IM40MB	SODIUM	5500		UG/L	II	182	192	23	33	20000	
	W46M3A	10/03/2002	OC21V	CHLOROFORM	1		UG/L	II	182	192	23	33	80	
	W46M3A	10/03/2002	SW8270	{ND on all 77} analytes				II	182	192	23	33		
	W46M3A	11/20/2003	8151	{ND on all 18} analytes				II	182	192	23	33		
	W46M3A	11/20/2003	6020SB	{ND on all 2} analytes				II	182	192	23	33		
	W46M3A	11/20/2003	8330N	{ND on all 19} analytes				II	182	192	23	33		
	W46M3A	11/20/2003	E314.0	{ND on all 1} analytes				3	182	192	23	33		
	W46M3A	11/20/2003	IM40HD	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	11/20/2003	IM40HG	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	11/20/2003	IM40MB	BORON	7.1	J	UG/L	II	182	192	23	33	600	
	W46M3A	11/20/2003	IM40MB	CALCIUM	1770		UG/L	II	182	192	23	33		
	W46M3A	11/20/2003	IM40MB	MAGNESIUM	1360		UG/L	II	182	192	23	33		
	W46M3A	11/20/2003	IM40MB	MANGANESE	1.2	J	UG/L	II	182	192	23	33		
	W46M3A	11/20/2003	IM40MB	SODIUM	5900		UG/L	II	182	192	23	33	20000	
	W46M3A	11/20/2003	OC21V	CHLOROFORM	1		UG/L	II	182	192	23	33	80	
	W46M3A	11/20/2003	SW8270	{ND on all 77} analytes				II	182	192	23	33		
	W46M3A	08/17/2004	6020SB	{ND on all 2} analytes				3	182	192	23	33		
	W46M3A	08/17/2004	8330N	{ND on all 19} analytes				3	182	192	23	33		
	W46M3A	08/17/2004	E314.0	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	08/17/2004	IM40HD	{ND on all 1} analytes				3	182	192	23	33		
	W46M3A	08/17/2004	IM40HG	{ND on all 1} analytes				3	182	192	23	33		
	W46M3A	08/17/2004	IM40MBM	BORON	5.3	J	UG/L	3	182	192	23	33	600	
	W46M3A	08/17/2004	IM40MBM	CALCIUM	1400		UG/L	3	182	192	23	33		
	W46M3A	08/17/2004	IM40MBM	MAGNESIUM	1050		UG/L	3	182	192	23	33		
	W46M3A	08/17/2004	IM40MBM	MANGANESE	0.78	J	UG/L	3	182	192	23	33		
	W46M3A	08/17/2004	IM40MBM	SODIUM	4770		UG/L	3	182	192	23	33	20000	
	W46M3A	08/17/2004	IM40MBM	ZINC	3.6		UG/L	3	182	192	23	33	2000	
	W46M3A	08/17/2004	OC21VM	CHLOROFORM	1		UG/L	3	182	192	23	33	80	
	W46M3A	08/17/2004	SW8270	{ND on all 77} analytes				3	182	192	23	33		
	W46M3A	07/25/2005	6020SB	{ND on all 2} analytes				II	182	192	23	33		
	W46M3A	07/25/2005	8330N	{ND on all 19} analytes				II	182	192	23	33		
	W46M3A	07/25/2005	E314.0	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	07/25/2005	IM40HG	{ND on all 1} analytes				II	182	192	23	33		
	W46M3A	07/25/2005	IM40MBM	BORON	9.9	J	UG/L	II	182	192	23	33	600	
	W46M3A	07/25/2005	IM40MBM	CALCIUM	1440	J	UG/L	II	182	192	23	33		
	W46M3A	07/25/2005	IM40MBM	SODIUM	5300		UG/L	II	182	192	23	33	20000	
	W46M3A	07/25/2005	IM40MBM	ZINC	4.6	J	UG/L	II	182	192	23	33	2000	
	W46M3A	07/25/2005	OC21VM	CHLOROFORM	1		UG/L	II	182	192	23	33	80	
	W46M3A	07/25/2005	SW8270	{ND on all 77} analytes				II	182	192	23	33		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
MW-46S	W46SSA	03/26/1999	300.0	CHLORIDE (AS CL)	34.4		MG/L	II	154	164	0	10		
	W46SSA	03/26/1999	300.0	SULFATE (AS SO4)	6.2		MG/L	II	154	164	0	10		
	W46SSA	03/26/1999	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	154	164	0	10		
	W46SSA	03/26/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	154	164	0	10		
	W46SSA	03/26/1999	365.2	{ND on all 1} analytes				II	154	164	0	10		
	W46SSA	03/26/1999	504	{ND on all 1} analytes				II	154	164	0	10		
	W46SSA	03/26/1999	8151	{ND on all 17} analytes				II	154	164	0	10		
	W46SSA	03/26/1999	350.2M	{ND on all 1} analytes				II	154	164	0	10		
	W46SSA	03/26/1999	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	154	164	0	10	10	
	W46SSA	03/26/1999	8021W	{ND on all 1} analytes				II	154	164	0	10		
	W46SSA	03/26/1999	8330N	{ND on all 19} analytes				II	154	164	0	10		
	W46SSA	03/26/1999	CYAN	{ND on all 1} analytes				II	154	164	0	10		
	W46SSA	03/26/1999	IM40HD	{ND on all 1} analytes				II	154	164	0	10		
	W46SSA	03/26/1999	IM40HG	{ND on all 1} analytes				II	154	164	0	10		
	W46SSA	03/26/1999	IM40MB	BARIUM	30.8		UG/L	II	154	164	0	10	2000	
	W46SSA	03/26/1999	IM40MB	CALCIUM	4440		UG/L	II	154	164	0	10		
	W46SSA	03/26/1999	IM40MB	COBALT	2.7	J	UG/L	II	154	164	0	10		
	W46SSA	03/26/1999	IM40MB	MAGNESIUM	3120		UG/L	II	154	164	0	10		
	W46SSA	03/26/1999	IM40MB	MANGANESE	133		UG/L	II	154	164	0	10		
	W46SSA	03/26/1999	IM40MB	NICKEL	14.4		UG/L	II	154	164	0	10	100	
	W46SSA	03/26/1999	IM40MB	POTASSIUM	1440		UG/L	II	154	164	0	10		
	W46SSA	03/26/1999	IM40MB	SODIUM	17000		UG/L	II	154	164	0	10	20000	
	W46SSA	03/26/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	1	J	UG/L	II	154	164	0	10	6	
	W46SSA	03/26/1999	OC21V	CHLOROFORM	0.5	J	UG/L	II	154	164	0	10	80	
	W46SSA	03/26/1999	OL21P	{ND on all 28} analytes				II	154	164	0	10		
	W46SSA	03/26/1999	TOC	{ND on all 1} analytes				II	154	164	0	10		
	W46SSA	08/25/1999	300.0	CHLORIDE (AS CL)	38.7		MG/L	II	154	164	0	10		
	W46SSA	08/25/1999	300.0	SULFATE (AS SO4)	6.9		MG/L	II	154	164	0	10		
	W46SSA	08/25/1999	310.1	ALKALINITY, BICARBONATE (AS C	3	J	MG/L	II	154	164	0	10		
	W46SSA	08/25/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	3	J	MG/L	II	154	164	0	10		
	W46SSA	08/25/1999	365.2	{ND on all 1} analytes				II	154	164	0	10		
	W46SSA	08/25/1999	504	{ND on all 1} analytes				II	154	164	0	10		
	W46SSA	08/25/1999	8151	{ND on all 14} analytes				II	154	164	0	10		
	W46SSA	08/25/1999	350.2M	{ND on all 1} analytes				II	154	164	0	10		
	W46SSA	08/25/1999	353.2M	NITRATE/NITRITE (AS N)	0.03		MG/L	II	154	164	0	10	10	
	W46SSA	08/25/1999	8021W	{ND on all 1} analytes				II	154	164	0	10		
	W46SSA	08/25/1999	8330N	{ND on all 19} analytes				II	154	164	0	10		
	W46SSA	08/25/1999	CYAN	{ND on all 1} analytes				II	154	164	0	10		
	W46SSA	08/25/1999	IM40HD	{ND on all 1} analytes				II	154	164	0	10		
	W46SSA	08/25/1999	IM40HG	MERCURY	0.11	J	UG/L	II	154	164	0	10	2	
	W46SSA	08/25/1999	IM40MB	BARIUM	14		UG/L	II	154	164	0	10	2000	
	W46SSA	08/25/1999	IM40MB	CALCIUM	4310		UG/L	II	154	164	0	10		
	W46SSA	08/25/1999	IM40MB	LEAD	1.5	J	UG/L	II	154	164	0	10	15	
	W46SSA	08/25/1999	IM40MB	MAGNESIUM	2930		UG/L	II	154	164	0	10		
	W46SSA	08/25/1999	IM40MB	MANGANESE	26.5		UG/L	II	154	164	0	10		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W46SSA	08/25/1999	IM40MB	POTASSIUM	1360		UG/L	II	154	164	0	10		
	W46SSA	08/25/1999	IM40MB	SODIUM	20600		UG/L	II	154	164	0	10	20000	X
	W46SSA	08/25/1999	OC21B	{ND on all 64} analytes				II	154	164	0	10		
	W46SSA	08/25/1999	OC21V	CHLOROFORM	0.6	J	UG/L	II	154	164	0	10	80	
	W46SSA	08/25/1999	OL21P	{ND on all 28} analytes				II	154	164	0	10		
	W46SSA	08/25/1999	TOC	TOTAL ORGANIC CARBON	0.7		MG/L	II	154	164	0	10		
	W46SSA	11/19/1999	300.0	CHLORIDE (AS CL)	24.5		MG/L	II	154	164	0	10		
	W46SSA	11/19/1999	300.0	SULFATE (AS SO4)	6.7		MG/L	II	154	164	0	10		
	W46SSA	11/19/1999	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	154	164	0	10		
	W46SSA	11/19/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	154	164	0	10		
	W46SSA	11/19/1999	365.2	{ND on all 1} analytes				II	154	164	0	10		
	W46SSA	11/19/1999	504	{ND on all 1} analytes				II	154	164	0	10		
	W46SSA	11/19/1999	8151	{ND on all 14} analytes				II	154	164	0	10		
	W46SSA	11/19/1999	350.2M	{ND on all 1} analytes				II	154	164	0	10		
	W46SSA	11/19/1999	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	154	164	0	10	10	
	W46SSA	11/19/1999	8021W	{ND on all 1} analytes				II	154	164	0	10		
	W46SSA	11/19/1999	8330N	{ND on all 18} analytes				II	154	164	0	10		
	W46SSA	11/19/1999	CYAN	{ND on all 1} analytes				II	154	164	0	10		
	W46SSA	11/19/1999	IM40HD	{ND on all 1} analytes				II	154	164	0	10		
	W46SSA	11/19/1999	IM40HG	{ND on all 1} analytes				II	154	164	0	10		
	W46SSA	11/19/1999	IM40MB	BARIUM	7.3	J	UG/L	II	154	164	0	10	2000	
	W46SSA	11/19/1999	IM40MB	BORON	9.3		UG/L	II	154	164	0	10	600	
	W46SSA	11/19/1999	IM40MB	CALCIUM	3070		UG/L	II	154	164	0	10		
	W46SSA	11/19/1999	IM40MB	COPPER	11.1	J	UG/L	II	154	164	0	10	1300	
	W46SSA	11/19/1999	IM40MB	MAGNESIUM	2120		UG/L	II	154	164	0	10		
	W46SSA	11/19/1999	IM40MB	MANGANESE	3.9		UG/L	II	154	164	0	10		
	W46SSA	11/19/1999	IM40MB	NICKEL	1.8	J	UG/L	II	154	164	0	10	100	
	W46SSA	11/19/1999	IM40MB	POTASSIUM	930		UG/L	II	154	164	0	10		
	W46SSA	11/19/1999	IM40MB	SODIUM	13100		UG/L	II	154	164	0	10	20000	
	W46SSA	11/19/1999	IM40MB	ZINC	6.4		UG/L	II	154	164	0	10	2000	
	W46SSA	11/19/1999	OC21B	{ND on all 64} analytes				II	154	164	0	10		
	W46SSA	11/19/1999	OC21V	CHLOROFORM	0.6	J	UG/L	II	154	164	0	10	80	
	W46SSA	11/19/1999	OL21P	{ND on all 28} analytes				II	154	164	0	10		
	W46SSA	11/19/1999	TOC	{ND on all 1} analytes				II	154	164	0	10		
	W46SSA	06/15/2000	IM40HD	HARDNESS (AS CACO3)	40.2		MG/L	II	154	164	0	10		
	W46SSA	06/15/2000	IM40HG	{ND on all 1} analytes				II	154	164	0	10		
	W46SSA	06/15/2000	IM40MB	BARIUM	15.4	J	UG/L	II	154	164	0	10	2000	
	W46SSA	06/15/2000	IM40MB	BORON	10.4		UG/L	II	154	164	0	10	600	
	W46SSA	06/15/2000	IM40MB	CALCIUM	7480		UG/L	II	154	164	0	10		
	W46SSA	06/15/2000	IM40MB	COPPER	2.5	J	UG/L	II	154	164	0	10	1300	
	W46SSA	06/15/2000	IM40MB	IRON	59.6		UG/L	II	154	164	0	10		
	W46SSA	06/15/2000	IM40MB	MAGNESIUM	5240		UG/L	II	154	164	0	10		
	W46SSA	06/15/2000	IM40MB	MANGANESE	7.8		UG/L	II	154	164	0	10		
	W46SSA	06/15/2000	IM40MB	POTASSIUM	1750		UG/L	II	154	164	0	10		
	W46SSA	06/15/2000	IM40MB	SODIUM	32200		UG/L	II	154	164	0	10	20000	X

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W46SSA	06/15/2000	IM40MB	ZINC	3.4		UG/L	II	154	164	0	10	2000	
	W46SSA	09/12/2000	300.0	CHLORIDE (AS CL)	68.5		MG/L	II	154	164	0	10		
	W46SSA	09/12/2000	300.0	SULFATE (AS SO4)	7.7		MG/L	II	154	164	0	10		
	W46SSA	09/12/2000	310.1	{ND on all 4} analytes				II	154	164	0	10		
	W46SSA	09/12/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	II	154	164	0	10		
	W46SSA	09/12/2000	504	{ND on all 1} analytes				II	154	164	0	10		
	W46SSA	09/12/2000	8151	{ND on all 15} analytes				II	154	164	0	10		
	W46SSA	09/12/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.05	J	MG/L	II	154	164	0	10	30	
	W46SSA	09/12/2000	353.2M	NITRATE/NITRITE (AS N)	0.07		MG/L	II	154	164	0	10	10	
	W46SSA	09/12/2000	8021W	{ND on all 1} analytes				II	154	164	0	10		
	W46SSA	09/12/2000	8330N	{ND on all 19} analytes				II	154	164	0	10		
	W46SSA	09/12/2000	CYAN	{ND on all 1} analytes				II	154	164	0	10		
	W46SSA	09/12/2000	E314.0	{ND on all 1} analytes				II	154	164	0	10		
	W46SSA	09/12/2000	IM40HD	HARDNESS (AS CACO3)	42.7		MG/L	II	154	164	0	10		
	W46SSA	09/12/2000	IM40HG	{ND on all 1} analytes				II	154	164	0	10		
	W46SSA	09/12/2000	IM40MB	ANTIMONY	5.9	J	UG/L	II	154	164	0	10	6	
	W46SSA	09/12/2000	IM40MB	BARIUM	15.8	J	UG/L	II	154	164	0	10	2000	
	W46SSA	09/12/2000	IM40MB	CALCIUM	7920		UG/L	II	154	164	0	10		
	W46SSA	09/12/2000	IM40MB	IRON	159	J	UG/L	II	154	164	0	10		
	W46SSA	09/12/2000	IM40MB	LEAD	2.8	J	UG/L	II	154	164	0	10	15	
	W46SSA	09/12/2000	IM40MB	MAGNESIUM	5560		UG/L	II	154	164	0	10		
	W46SSA	09/12/2000	IM40MB	MANGANESE	10.3		UG/L	II	154	164	0	10		
	W46SSA	09/12/2000	IM40MB	MOLYBDENUM	7.3		UG/L	II	154	164	0	10	40	
	W46SSA	09/12/2000	IM40MB	POTASSIUM	1630		UG/L	II	154	164	0	10		
	W46SSA	09/12/2000	IM40MB	SODIUM	31300		UG/L	II	154	164	0	10	20000	X
	W46SSA	09/12/2000	OC21V	CHLOROFORM	0.7	J	UG/L	II	154	164	0	10	80	
	W46SSA	09/12/2000	OL21P	{ND on all 28} analytes				II	154	164	0	10		
	W46SSA	09/12/2000	SW8270	{ND on all 77} analytes				II	154	164	0	10		
	W46SSA	09/12/2000	TOC	{ND on all 1} analytes				II	154	164	0	10		
	W46SSA	11/17/2000	IM40HD	{ND on all 1} analytes				II	154	164	0	10		
	W46SSA	11/17/2000	IM40HG	{ND on all 1} analytes				II	154	164	0	10		
	W46SSA	11/17/2000	IM40MB	BARIUM	10		UG/L	II	154	164	0	10	2000	
	W46SSA	11/17/2000	IM40MB	CALCIUM	5240		UG/L	II	154	164	0	10		
	W46SSA	11/17/2000	IM40MB	COPPER	2.8	J	UG/L	II	154	164	0	10	1300	
	W46SSA	11/17/2000	IM40MB	MAGNESIUM	3420		UG/L	II	154	164	0	10		
	W46SSA	11/17/2000	IM40MB	MANGANESE	16		UG/L	II	154	164	0	10		
	W46SSA	11/17/2000	IM40MB	SELENIUM	2.7	J	UG/L	II	154	164	0	10	50	
	W46SSA	11/17/2000	IM40MB	SODIUM	22500	J	UG/L	II	154	164	0	10	20000	X
	W46SSA	11/17/2000	IM40MB	ZINC	13.2		UG/L	II	154	164	0	10	2000	
MW-47D	W47DDA	03/25/1999	300.0	CHLORIDE (AS CL)	7.6		MG/L	II	194	204	100	110		
	W47DDA	03/25/1999	300.0	SULFATE (AS SO4)	4.9		MG/L	II	194	204	100	110		
	W47DDA	03/25/1999	310.1	ALKALINITY, BICARBONATE (AS C	10		MG/L	II	194	204	100	110		
	W47DDA	03/25/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	10		MG/L	II	194	204	100	110		
	W47DDA	03/25/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.04	J	MG/L	II	194	204	100	110		
	W47DDA	03/25/1999	504	{ND on all 1} analytes				II	194	204	100	110		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W47DDA	03/25/1999	8151	{ND on all 18} analytes				II	194	204	100	110		
	W47DDA	03/25/1999	350.2M	{ND on all 1} analytes				II	194	204	100	110		
	W47DDA	03/25/1999	353.2M	NITRATE/NITRITE (AS N)	1.1		MG/L	II	194	204	100	110	10	
	W47DDA	03/25/1999	8021W	{ND on all 1} analytes				II	194	204	100	110		
	W47DDA	03/25/1999	8330N	{ND on all 19} analytes				II	194	204	100	110		
	W47DDA	03/25/1999	CYAN	{ND on all 1} analytes				II	194	204	100	110		
	W47DDA	03/25/1999	IM40HD	{ND on all 1} analytes				II	194	204	100	110		
	W47DDA	03/25/1999	IM40HG	{ND on all 1} analytes				II	194	204	100	110		
	W47DDA	03/25/1999	IM40MB	ALUMINUM	954		UG/L	II	194	204	100	110		
	W47DDA	03/25/1999	IM40MB	BARIUM	8.5	J	UG/L	II	194	204	100	110	2000	
	W47DDA	03/25/1999	IM40MB	CALCIUM	2030		UG/L	II	194	204	100	110		
	W47DDA	03/25/1999	IM40MB	CHROMIUM, TOTAL	1.5		UG/L	II	194	204	100	110	100	
	W47DDA	03/25/1999	IM40MB	COPPER	9.6	J	UG/L	II	194	204	100	110	1300	
	W47DDA	03/25/1999	IM40MB	IRON	1320		UG/L	II	194	204	100	110		
	W47DDA	03/25/1999	IM40MB	MAGNESIUM	1550		UG/L	II	194	204	100	110		
	W47DDA	03/25/1999	IM40MB	MANGANESE	12.2		UG/L	II	194	204	100	110		
	W47DDA	03/25/1999	IM40MB	NICKEL	2.7	J	UG/L	II	194	204	100	110	100	
	W47DDA	03/25/1999	IM40MB	POTASSIUM	1030		UG/L	II	194	204	100	110		
	W47DDA	03/25/1999	IM40MB	SODIUM	6520		UG/L	II	194	204	100	110	20000	
	W47DDA	03/25/1999	IM40MB	VANADIUM	1.7	J	UG/L	II	194	204	100	110		
	W47DDA	03/25/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	3	J	UG/L	II	194	204	100	110	6	
	W47DDA	03/25/1999	OC21V	ACETONE	3	J	UG/L	II	194	204	100	110		
	W47DDA	03/25/1999	OC21V	CHLOROFORM	0.8	J	UG/L	II	194	204	100	110	80	
	W47DDA	03/25/1999	OL21P	{ND on all 28} analytes				II	194	204	100	110		
	W47DDA	03/25/1999	TOC	{ND on all 1} analytes				II	194	204	100	110		
	W47DDA	08/24/1999	300.0	CHLORIDE (AS CL)	7.5		MG/L	II	194	204	100	110		
	W47DDA	08/24/1999	300.0	SULFATE (AS SO4)	4.4		MG/L	II	194	204	100	110		
	W47DDA	08/24/1999	310.1	ALKALINITY, BICARBONATE (AS C	10	J	MG/L	II	194	204	100	110		
	W47DDA	08/24/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	10	J	MG/L	II	194	204	100	110		
	W47DDA	08/24/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.03		MG/L	II	194	204	100	110		
	W47DDA	08/24/1999	504	{ND on all 1} analytes				II	194	204	100	110		
	W47DDA	08/24/1999	8151	{ND on all 14} analytes				II	194	204	100	110		
	W47DDA	08/24/1999	350.2M	{ND on all 1} analytes				II	194	204	100	110		
	W47DDA	08/24/1999	353.2M	{ND on all 1} analytes				II	194	204	100	110		
	W47DDA	08/24/1999	8021W	{ND on all 1} analytes				II	194	204	100	110		
	W47DDA	08/24/1999	8330N	{ND on all 19} analytes				II	194	204	100	110		
	W47DDA	08/24/1999	CYAN	{ND on all 1} analytes				II	194	204	100	110		
	W47DDA	08/24/1999	IM40HD	{ND on all 1} analytes				II	194	204	100	110		
	W47DDA	08/24/1999	IM40HG	{ND on all 1} analytes				II	194	204	100	110		
	W47DDA	08/24/1999	IM40MB	ALUMINUM	608		UG/L	II	194	204	100	110		
	W47DDA	08/24/1999	IM40MB	BARIUM	5.1	J	UG/L	II	194	204	100	110	2000	
	W47DDA	08/24/1999	IM40MB	CALCIUM	2130		UG/L	II	194	204	100	110		
	W47DDA	08/24/1999	IM40MB	IRON	700		UG/L	II	194	204	100	110		
	W47DDA	08/24/1999	IM40MB	MAGNESIUM	1560		UG/L	II	194	204	100	110		
	W47DDA	08/24/1999	IM40MB	MANGANESE	3.4		UG/L	II	194	204	100	110		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W47DDA	08/24/1999	IM40MB	POTASSIUM	932		UG/L	II	194	204	100	110		
	W47DDA	08/24/1999	IM40MB	SODIUM	6250		UG/L	II	194	204	100	110	20000	
	W47DDA	08/24/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	16		UG/L	II	194	204	100	110	6	X
	W47DDA	08/24/1999	OC21V	CHLOROFORM	0.7	J	UG/L	II	194	204	100	110	80	
	W47DDA	08/24/1999	OL21P	{ND on all 28} analytes				II	194	204	100	110		
	W47DDA	08/24/1999	TOC	{ND on all 1} analytes				II	194	204	100	110		
	W47DDA	11/02/1999	300.0	CHLORIDE (AS CL)	7.2		MG/L	II	194	204	100	110		
	W47DDA	11/02/1999	300.0	SULFATE (AS SO4)	3.5		MG/L	II	194	204	100	110		
	W47DDA	11/02/1999	310.1	ALKALINITY, BICARBONATE (AS C	9		MG/L	II	194	204	100	110		
	W47DDA	11/02/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	9		MG/L	II	194	204	100	110		
	W47DDA	11/02/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.03		MG/L	II	194	204	100	110		
	W47DDA	11/02/1999	504	{ND on all 1} analytes				II	194	204	100	110		
	W47DDA	11/02/1999	8151	{ND on all 17} analytes				II	194	204	100	110		
	W47DDA	11/02/1999	350.2M	{ND on all 1} analytes				II	194	204	100	110		
	W47DDA	11/02/1999	353.2M	NITRATE/NITRITE (AS N)	0.01		MG/L	II	194	204	100	110	10	
	W47DDA	11/02/1999	8021W	{ND on all 1} analytes				II	194	204	100	110		
	W47DDA	11/02/1999	8330N	{ND on all 18} analytes				II	194	204	100	110		
	W47DDA	11/02/1999	CYAN	{ND on all 1} analytes				II	194	204	100	110		
	W47DDA	11/02/1999	IM40HD	{ND on all 1} analytes				II	194	204	100	110		
	W47DDA	11/02/1999	IM40HG	{ND on all 1} analytes				II	194	204	100	110		
	W47DDA	11/02/1999	IM40MB	ALUMINUM	430	J	UG/L	II	194	204	100	110		
	W47DDA	11/02/1999	IM40MB	BORON	5.4		UG/L	II	194	204	100	110	600	
	W47DDA	11/02/1999	IM40MB	CALCIUM	1980		UG/L	II	194	204	100	110		
	W47DDA	11/02/1999	IM40MB	IRON	456		UG/L	II	194	204	100	110		
	W47DDA	11/02/1999	IM40MB	MAGNESIUM	1460		UG/L	II	194	204	100	110		
	W47DDA	11/02/1999	IM40MB	POTASSIUM	847		UG/L	II	194	204	100	110		
	W47DDA	11/02/1999	IM40MB	SODIUM	5860		UG/L	II	194	204	100	110	20000	
	W47DDA	11/02/1999	OC21B	{ND on all 64} analytes				II	194	204	100	110		
	W47DDA	11/02/1999	OC21V	CHLOROFORM	0.6	J	UG/L	II	194	204	100	110	80	
	W47DDA	11/02/1999	OL21P	{ND on all 28} analytes				II	194	204	100	110		
	W47DDA	11/02/1999	TOC	{ND on all 1} analytes				II	194	204	100	110		
	W47DDA	12/19/2001	8330N	{ND on all 19} analytes				3	194	204	100	110		
	W47DDA	12/19/2001	SW8270	{ND on all 76} analytes				3	194	204	100	110		
	W47DDA	05/09/2002	8330N	{ND on all 19} analytes				II	194	204	100	110		
	W47DDA	05/09/2002	SW8270	{ND on all 77} analytes				II	194	204	100	110		
	W47DDA	07/03/2002	E314.0	{ND on all 1} analytes				II	194	204	100	110		
	W47DDA	10/02/2002	8330N	{ND on all 19} analytes				II	194	204	100	110		
	W47DDA	10/02/2002	SW8270	{ND on all 77} analytes				II	194	204	100	110		
	W47DDA	02/05/2003	8330N	{ND on all 19} analytes				II	194	204	100	110		
	W47DDA	02/05/2003	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.62	J	UG/L	II	194	204	100	110	6	
	W47DDA	04/01/2003	8330N	{ND on all 19} analytes				II	194	204	100	110		
	W47DDA	04/01/2003	SW8270	{ND on all 76} analytes				II	194	204	100	110		
	W47DDA	11/19/2003	8330N	{ND on all 19} analytes				II	194	204	100	110		
	W47DDA	11/19/2003	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.98	J	UG/L	II	194	204	100	110	6	
	W47DDA	03/05/2004	8330N	{ND on all 19} analytes				II	194	204	100	110		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W47DDA	03/05/2004	SW8270	{ND on all 77} analytes				II	194	204	100	110		
	W47DDA	08/31/2004	8330N	{ND on all 19} analytes				II	194	204	100	110		
	W47DDA	01/12/2005	E314.0	{ND on all 1} analytes				II	194	204	100	110		
	W47DDA	07/25/2005	8330N	{ND on all 19} analytes				II	194	204	100	110		
	W47DDA	07/25/2005	E314.0	{ND on all 1} analytes				II	194	204	100	110		
MW-47M1	W47M1A	03/26/1999	300.0	CHLORIDE (AS CL)	7.5		MG/L	II	169	179	75	85		
	W47M1A	03/26/1999	300.0	SULFATE (AS SO4)	3		MG/L	II	169	179	75	85		
	W47M1A	03/26/1999	310.1	ALKALINITY, BICARBONATE (AS C	9		MG/L	II	169	179	75	85		
	W47M1A	03/26/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	9		MG/L	II	169	179	75	85		
	W47M1A	03/26/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.03	J	MG/L	II	169	179	75	85		
	W47M1A	03/26/1999	504	{ND on all 1} analytes				II	169	179	75	85		
	W47M1A	03/26/1999	8151	{ND on all 17} analytes				II	169	179	75	85		
	W47M1A	03/26/1999	350.2M	{ND on all 1} analytes				II	169	179	75	85		
	W47M1A	03/26/1999	353.2M	{ND on all 1} analytes				II	169	179	75	85		
	W47M1A	03/26/1999	8021W	{ND on all 1} analytes				II	169	179	75	85		
	W47M1A	03/26/1999	8330N	{ND on all 19} analytes				II	169	179	75	85		
	W47M1A	03/26/1999	CYAN	{ND on all 1} analytes				II	169	179	75	85		
	W47M1A	03/26/1999	IM40HD	{ND on all 1} analytes				II	169	179	75	85		
	W47M1A	03/26/1999	IM40HG	{ND on all 1} analytes				II	169	179	75	85		
	W47M1A	03/26/1999	IM40MB	ALUMINUM	35.2		UG/L	II	169	179	75	85		
	W47M1A	03/26/1999	IM40MB	CALCIUM	2120		UG/L	II	169	179	75	85		
	W47M1A	03/26/1999	IM40MB	MAGNESIUM	1060		UG/L	II	169	179	75	85		
	W47M1A	03/26/1999	IM40MB	MANGANESE	10.1		UG/L	II	169	179	75	85		
	W47M1A	03/26/1999	IM40MB	POTASSIUM	622		UG/L	II	169	179	75	85		
	W47M1A	03/26/1999	IM40MB	SODIUM	5750		UG/L	II	169	179	75	85	20000	
	W47M1A	03/26/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	2	J	UG/L	II	169	179	75	85	6	
	W47M1A	03/26/1999	OC21V	CHLOROFORM	0.6	J	UG/L	II	169	179	75	85	80	
	W47M1A	03/26/1999	OL21P	{ND on all 28} analytes				II	169	179	75	85		
	W47M1A	03/26/1999	TOC	{ND on all 1} analytes				II	169	179	75	85		
	W47M1A	08/24/1999	300.0	CHLORIDE (AS CL)	7.4		MG/L	II	169	179	75	85		
	W47M1A	08/24/1999	300.0	SULFATE (AS SO4)	3		MG/L	II	169	179	75	85		
	W47M1A	08/24/1999	310.1	ALKALINITY, BICARBONATE (AS C	10	J	MG/L	II	169	179	75	85		
	W47M1A	08/24/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	10	J	MG/L	II	169	179	75	85		
	W47M1A	08/24/1999	365.2	{ND on all 1} analytes				II	169	179	75	85		
	W47M1A	08/24/1999	504	{ND on all 1} analytes				II	169	179	75	85		
	W47M1A	08/24/1999	8151	2,4,5-T (TRICHLOROPHENOXYACE	0.19		UG/L	II	169	179	75	85	70	
	W47M1A	08/24/1999	350.2M	NITROGEN, AMMONIA (AS N)	0.03	J	MG/L	II	169	179	75	85	30	
	W47M1A	08/24/1999	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	169	179	75	85	10	
	W47M1A	08/24/1999	8021W	{ND on all 1} analytes				II	169	179	75	85		
	W47M1A	08/24/1999	8330N	{ND on all 19} analytes				II	169	179	75	85		
	W47M1A	08/24/1999	CYAN	{ND on all 1} analytes				II	169	179	75	85		
	W47M1A	08/24/1999	IM40HD	{ND on all 1} analytes				II	169	179	75	85		
	W47M1A	08/24/1999	IM40HG	{ND on all 1} analytes				II	169	179	75	85		
	W47M1A	08/24/1999	IM40MB	CALCIUM	2040		UG/L	II	169	179	75	85		
	W47M1A	08/24/1999	IM40MB	MAGNESIUM	1010		UG/L	II	169	179	75	85		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W47M1A	08/24/1999	IM40MB	MANGANESE	1.2		UG/L	II	169	179	75	85		
	W47M1A	08/24/1999	IM40MB	POTASSIUM	669		UG/L	II	169	179	75	85		
	W47M1A	08/24/1999	IM40MB	SODIUM	5820		UG/L	II	169	179	75	85	20000	
	W47M1A	08/24/1999	IM40MB	THALLIUM	2.6	J	UG/L	II	169	179	75	85	2	X
	W47M1A	08/24/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	14		UG/L	II	169	179	75	85	6	X
	W47M1A	08/24/1999	OC21V	ACETONE	3	J	UG/L	II	169	179	75	85		
	W47M1A	08/24/1999	OC21V	CHLOROFORM	0.6	J	UG/L	II	169	179	75	85	80	
	W47M1A	08/24/1999	OL21P	{ND on all 28} analytes				II	169	179	75	85		
	W47M1A	08/24/1999	TOC	TOTAL ORGANIC CARBON	0.82		MG/L	II	169	179	75	85		
	W47M1A	11/02/1999	300.0	CHLORIDE (AS CL)	7.2		MG/L	II	169	179	75	85		
	W47M1D	11/02/1999	300.0	CHLORIDE (AS CL)	7.2		MG/L	II	169	179	75	85		
	W47M1A	11/02/1999	300.0	SULFATE (AS SO4)	2.8		MG/L	II	169	179	75	85		
	W47M1D	11/02/1999	300.0	SULFATE (AS SO4)	2.8		MG/L	II	169	179	75	85		
	W47M1A	11/02/1999	310.1	ALKALINITY, BICARBONATE (AS C	8		MG/L	II	169	179	75	85		
	W47M1D	11/02/1999	310.1	ALKALINITY, BICARBONATE (AS C	9		MG/L	II	169	179	75	85		
	W47M1A	11/02/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	8		MG/L	II	169	179	75	85		
	W47M1D	11/02/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	9		MG/L	II	169	179	75	85		
	W47M1A	11/02/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	II	169	179	75	85		
	W47M1D	11/02/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	II	169	179	75	85		
	W47M1A	11/02/1999	504	{ND on all 1} analytes				II	169	179	75	85		
	W47M1D	11/02/1999	504	{ND on all 1} analytes				II	169	179	75	85		
	W47M1A	11/02/1999	8151	{ND on all 17} analytes				II	169	179	75	85		
	W47M1D	11/02/1999	8151	{ND on all 17} analytes				II	169	179	75	85		
	W47M1A	11/02/1999	350.2M	{ND on all 1} analytes				II	169	179	75	85		
	W47M1D	11/02/1999	350.2M	{ND on all 1} analytes				II	169	179	75	85		
	W47M1A	11/02/1999	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	169	179	75	85	10	
	W47M1D	11/02/1999	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	169	179	75	85	10	
	W47M1A	11/02/1999	8021W	{ND on all 1} analytes				II	169	179	75	85		
	W47M1D	11/02/1999	8021W	{ND on all 1} analytes				II	169	179	75	85		
	W47M1A	11/02/1999	8330N	{ND on all 18} analytes				II	169	179	75	85		
	W47M1D	11/02/1999	8330N	{ND on all 18} analytes				II	169	179	75	85		
	W47M1A	11/02/1999	CYAN	{ND on all 1} analytes				II	169	179	75	85		
	W47M1D	11/02/1999	CYAN	{ND on all 1} analytes				II	169	179	75	85		
	W47M1A	11/02/1999	IM40HD	{ND on all 1} analytes				II	169	179	75	85		
	W47M1D	11/02/1999	IM40HD	{ND on all 1} analytes				II	169	179	75	85		
	W47M1A	11/02/1999	IM40HG	{ND on all 1} analytes				II	169	179	75	85		
	W47M1D	11/02/1999	IM40HG	{ND on all 1} analytes				II	169	179	75	85		
	W47M1A	11/02/1999	IM40MB	BORON	7		UG/L	II	169	179	75	85	600	
	W47M1D	11/02/1999	IM40MB	BORON	5.4		UG/L	II	169	179	75	85	600	
	W47M1A	11/02/1999	IM40MB	CALCIUM	2010		UG/L	II	169	179	75	85		
	W47M1D	11/02/1999	IM40MB	CALCIUM	2010		UG/L	II	169	179	75	85		
	W47M1A	11/02/1999	IM40MB	IRON	108		UG/L	II	169	179	75	85		
	W47M1D	11/02/1999	IM40MB	IRON	117		UG/L	II	169	179	75	85		
	W47M1A	11/02/1999	IM40MB	MAGNESIUM	1020		UG/L	II	169	179	75	85		
	W47M1D	11/02/1999	IM40MB	MAGNESIUM	1010		UG/L	II	169	179	75	85		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W47M1D	11/02/1999	IM40MB	MANGANESE	1.3	J	UG/L	II	169	179	75	85		
	W47M1A	11/02/1999	IM40MB	POTASSIUM	767		UG/L	II	169	179	75	85		
	W47M1D	11/02/1999	IM40MB	POTASSIUM	698		UG/L	II	169	179	75	85		
	W47M1A	11/02/1999	IM40MB	SODIUM	5650		UG/L	II	169	179	75	85	20000	
	W47M1D	11/02/1999	IM40MB	SODIUM	5890		UG/L	II	169	179	75	85	20000	
	W47M1A	11/02/1999	IM40MB	ZINC	3.7		UG/L	II	169	179	75	85	2000	
	W47M1A	11/02/1999	OC21B	{ND on all 64} analytes				II	169	179	75	85		
	W47M1D	11/02/1999	OC21B	{ND on all 64} analytes				II	169	179	75	85		
	W47M1A	11/02/1999	OC21V	CHLOROFORM	0.6	J	UG/L	II	169	179	75	85	80	
	W47M1D	11/02/1999	OC21V	CHLOROFORM	0.5	J	UG/L	II	169	179	75	85	80	
	W47M1A	11/02/1999	OL21P	{ND on all 28} analytes				II	169	179	75	85		
	W47M1D	11/02/1999	OL21P	{ND on all 28} analytes				II	169	179	75	85		
	W47M1A	11/02/1999	TOC	{ND on all 1} analytes				II	169	179	75	85		
	W47M1D	11/02/1999	TOC	{ND on all 1} analytes				II	169	179	75	85		
	W47M1A	05/30/2000	IM40HD	{ND on all 1} analytes				II	169	179	75	85		
	W47M1D	05/30/2000	IM40HD	{ND on all 1} analytes				II	169	179	75	85		
	W47M1A	05/30/2000	IM40HG	{ND on all 1} analytes				II	169	179	75	85		
	W47M1D	05/30/2000	IM40HG	{ND on all 1} analytes				II	169	179	75	85		
	W47M1A	05/30/2000	IM40MB	CALCIUM	2060		UG/L	II	169	179	75	85		
	W47M1D	05/30/2000	IM40MB	CALCIUM	2040		UG/L	II	169	179	75	85		
	W47M1A	05/30/2000	IM40MB	MAGNESIUM	1030		UG/L	II	169	179	75	85		
	W47M1D	05/30/2000	IM40MB	MAGNESIUM	1020		UG/L	II	169	179	75	85		
	W47M1A	05/30/2000	IM40MB	POTASSIUM	576	J	UG/L	II	169	179	75	85		
	W47M1D	05/30/2000	IM40MB	POTASSIUM	580	J	UG/L	II	169	179	75	85		
	W47M1A	05/30/2000	IM40MB	SODIUM	6250		UG/L	II	169	179	75	85	20000	
	W47M1D	05/30/2000	IM40MB	SODIUM	6490		UG/L	II	169	179	75	85	20000	
	W47M1A	08/11/2000	IM40HD	{ND on all 1} analytes				II	169	179	75	85		
	W47M1A	08/11/2000	IM40HG	{ND on all 1} analytes				II	169	179	75	85		
	W47M1A	08/11/2000	IM40MB	BORON	6.2	J	UG/L	II	169	179	75	85	600	
	W47M1A	08/11/2000	IM40MB	CALCIUM	1960		UG/L	II	169	179	75	85		
	W47M1A	08/11/2000	IM40MB	MAGNESIUM	959		UG/L	II	169	179	75	85		
	W47M1A	08/11/2000	IM40MB	MANGANESE	1.5		UG/L	II	169	179	75	85		
	W47M1A	08/11/2000	IM40MB	POTASSIUM	657		UG/L	II	169	179	75	85		
	W47M1A	08/11/2000	IM40MB	SODIUM	5390		UG/L	II	169	179	75	85	20000	
	W47M1A	11/17/2000	IM40HD	{ND on all 1} analytes				II	169	179	75	85		
	W47M1A	11/17/2000	IM40HG	{ND on all 1} analytes				II	169	179	75	85		
	W47M1A	11/17/2000	IM40MB	CALCIUM	2110		UG/L	II	169	179	75	85		
	W47M1A	11/17/2000	IM40MB	MAGNESIUM	965		UG/L	II	169	179	75	85		
	W47M1A	11/17/2000	IM40MB	SELENIUM	2.7	J	UG/L	II	169	179	75	85	50	
	W47M1A	12/19/2001	8330N	{ND on all 19} analytes				3	169	179	75	85		
	W47M1A	12/19/2001	SW8270	{ND on all 76} analytes				3	169	179	75	85		
	W47M1A	05/09/2002	8330N	{ND on all 19} analytes				II	169	179	75	85		
	W47M1A	05/09/2002	SW8270	{ND on all 77} analytes				II	169	179	75	85		
	W47M1A	07/03/2002	E314.0	{ND on all 1} analytes				II	169	179	75	85		
	W47M1D	07/03/2002	E314.0	{ND on all 1} analytes				II	169	179	75	85		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W47M1A	10/02/2002	8330N	{ND on all 19} analytes				II	169	179	75	85		
	W47M1A	10/02/2002	SW8270	{ND on all 77} analytes				II	169	179	75	85		
	W47M1A	02/05/2003	8330N	{ND on all 19} analytes				II	169	179	75	85		
	W47M1A	02/05/2003	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	4	J	UG/L	II	169	179	75	85	6	
	W47M1A	04/01/2003	8330N	{ND on all 19} analytes				II	169	179	75	85		
	W47M1A	04/01/2003	SW8270	{ND on all 76} analytes				II	169	179	75	85		
	W47M1A	11/19/2003	8330N	{ND on all 19} analytes				II	169	179	75	85		
	W47M1A	03/05/2004	8330N	{ND on all 19} analytes				II	169	179	75	85		
	W47M1A	03/05/2004	SW8270	{ND on all 77} analytes				II	169	179	75	85		
	W47M1A	08/31/2004	8330N	{ND on all 19} analytes				II	169	179	75	85		
	W47M1A	02/15/2005	E314.0	{ND on all 1} analytes				II	169	179	75	85		
	W47M1A	07/25/2005	8330N	{ND on all 19} analytes				II	169	179	75	85		
	W47M1A	07/25/2005	E314.0	{ND on all 1} analytes				II	169	179	75	85		
MW-47M2	W47M2A	03/26/1999	300.0	CHLORIDE (AS CL)	9.4		MG/L	II	131.5	141.5	38	48		
	W47M2A	03/26/1999	300.0	SULFATE (AS SO4)	7		MG/L	II	131.5	141.5	38	48		
	W47M2A	03/26/1999	310.1	ALKALINITY, BICARBONATE (AS C	13.5		MG/L	II	131.5	141.5	38	48		
	W47M2A	03/26/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	13.5		MG/L	II	131.5	141.5	38	48		
	W47M2A	03/26/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.04	J	MG/L	II	131.5	141.5	38	48		
	W47M2A	03/26/1999	504	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	03/26/1999	8151	{ND on all 17} analytes				II	131.5	141.5	38	48		
	W47M2A	03/26/1999	350.2M	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	03/26/1999	353.2M	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	03/26/1999	8021W	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	03/26/1999	8330N	{ND on all 19} analytes				II	131.5	141.5	38	48		
	W47M2A	03/26/1999	CYAN	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	03/26/1999	IM40HD	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	03/26/1999	IM40HG	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	03/26/1999	IM40MB	ALUMINUM	961		UG/L	II	131.5	141.5	38	48		
	W47M2A	03/26/1999	IM40MB	BARIUM	31		UG/L	II	131.5	141.5	38	48	2000	
	W47M2A	03/26/1999	IM40MB	CALCIUM	3760		UG/L	II	131.5	141.5	38	48		
	W47M2A	03/26/1999	IM40MB	CHROMIUM, TOTAL	1.4		UG/L	II	131.5	141.5	38	48	100	
	W47M2A	03/26/1999	IM40MB	IRON	990		UG/L	II	131.5	141.5	38	48		
	W47M2A	03/26/1999	IM40MB	MAGNESIUM	1370		UG/L	II	131.5	141.5	38	48		
	W47M2A	03/26/1999	IM40MB	MANGANESE	152		UG/L	II	131.5	141.5	38	48		
	W47M2A	03/26/1999	IM40MB	MOLYBDENUM	11		UG/L	II	131.5	141.5	38	48	40	
	W47M2A	03/26/1999	IM40MB	POTASSIUM	2310		UG/L	II	131.5	141.5	38	48		
	W47M2A	03/26/1999	IM40MB	SODIUM	9560		UG/L	II	131.5	141.5	38	48	20000	
	W47M2A	03/26/1999	IM40MB	THALLIUM	3.2	J	UG/L	II	131.5	141.5	38	48	2	X
	W47M2A	03/26/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	2	J	UG/L	II	131.5	141.5	38	48	6	
	W47M2A	03/26/1999	OC21V	CHLOROFORM	0.8	J	UG/L	II	131.5	141.5	38	48	80	
	W47M2A	03/26/1999	OL21P	{ND on all 28} analytes				II	131.5	141.5	38	48		
	W47M2A	03/26/1999	TOC	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	08/25/1999	300.0	CHLORIDE (AS CL)	9.5		MG/L	II	131.5	141.5	38	48		
	W47M2A	08/25/1999	300.0	SULFATE (AS SO4)	6.1		MG/L	II	131.5	141.5	38	48		
	W47M2A	08/25/1999	310.1	ALKALINITY, BICARBONATE (AS C	7	J	MG/L	II	131.5	141.5	38	48		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W47M2A	08/25/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	7	J	MG/L	II	131.5	141.5	38	48		
	W47M2A	08/25/1999	365.2	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	08/25/1999	504	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	08/25/1999	8151	{ND on all 14} analytes				II	131.5	141.5	38	48		
	W47M2A	08/25/1999	350.2M	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	08/25/1999	353.2M	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	08/25/1999	8021W	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	08/25/1999	8330N	{ND on all 19} analytes				II	131.5	141.5	38	48		
	W47M2A	08/25/1999	CYAN	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	08/25/1999	IM40HD	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	08/25/1999	IM40HG	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	08/25/1999	IM40MB	ALUMINUM	196	J	UG/L	II	131.5	141.5	38	48		
	W47M2A	08/25/1999	IM40MB	BARIUM	13.2		UG/L	II	131.5	141.5	38	48	2000	
	W47M2A	08/25/1999	IM40MB	CALCIUM	2410		UG/L	II	131.5	141.5	38	48		
	W47M2A	08/25/1999	IM40MB	IRON	106		UG/L	II	131.5	141.5	38	48		
	W47M2A	08/25/1999	IM40MB	MAGNESIUM	1240		UG/L	II	131.5	141.5	38	48		
	W47M2A	08/25/1999	IM40MB	MANGANESE	58		UG/L	II	131.5	141.5	38	48		
	W47M2A	08/25/1999	IM40MB	POTASSIUM	1050		UG/L	II	131.5	141.5	38	48		
	W47M2A	08/25/1999	IM40MB	SODIUM	6070		UG/L	II	131.5	141.5	38	48	20000	
	W47M2A	08/25/1999	IM40MB	THALLIUM	4	J	UG/L	II	131.5	141.5	38	48	2	X
	W47M2A	08/25/1999	OC21B	{ND on all 64} analytes				II	131.5	141.5	38	48		
	W47M2A	08/25/1999	OC21V	ACETONE	2	J	UG/L	II	131.5	141.5	38	48		
	W47M2A	08/25/1999	OC21V	CHLOROFORM	0.7	J	UG/L	II	131.5	141.5	38	48	80	
	W47M2A	08/25/1999	OL21P	{ND on all 28} analytes				II	131.5	141.5	38	48		
	W47M2A	08/25/1999	TOC	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	11/02/1999	300.0	CHLORIDE (AS CL)	9.1		MG/L	II	131.5	141.5	38	48		
	W47M2A	11/02/1999	300.0	SULFATE (AS SO4)	5.6		MG/L	II	131.5	141.5	38	48		
	W47M2A	11/02/1999	310.1	ALKALINITY, BICARBONATE (AS C	6		MG/L	II	131.5	141.5	38	48		
	W47M2A	11/02/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	6		MG/L	II	131.5	141.5	38	48		
	W47M2A	11/02/1999	365.2	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	11/02/1999	504	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	11/02/1999	8151	{ND on all 17} analytes				II	131.5	141.5	38	48		
	W47M2A	11/02/1999	350.2M	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	11/02/1999	353.2M	NITRATE/NITRITE (AS N)	0.01		MG/L	II	131.5	141.5	38	48	10	
	W47M2A	11/02/1999	8021W	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	11/02/1999	8330N	{ND on all 18} analytes				II	131.5	141.5	38	48		
	W47M2A	11/02/1999	CYAN	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	11/02/1999	IM40HD	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	11/02/1999	IM40HG	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	11/02/1999	IM40MB	BARIUM	11.5		UG/L	II	131.5	141.5	38	48	2000	
	W47M2A	11/02/1999	IM40MB	BORON	8.9		UG/L	II	131.5	141.5	38	48	600	
	W47M2A	11/02/1999	IM40MB	CALCIUM	2190		UG/L	II	131.5	141.5	38	48		
	W47M2A	11/02/1999	IM40MB	IRON	86.5		UG/L	II	131.5	141.5	38	48		
	W47M2A	11/02/1999	IM40MB	MAGNESIUM	1280		UG/L	II	131.5	141.5	38	48		
	W47M2A	11/02/1999	IM40MB	MANGANESE	59.4		UG/L	II	131.5	141.5	38	48		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W47M2A	11/02/1999	IM40MB	POTASSIUM	947		UG/L	II	131.5	141.5	38	48		
	W47M2A	11/02/1999	IM40MB	SODIUM	6090		UG/L	II	131.5	141.5	38	48	20000	
	W47M2A	11/02/1999	OC21B	{ND on all 64} analytes				II	131.5	141.5	38	48		
	W47M2A	11/02/1999	OC21V	CHLOROFORM	0.6	J	UG/L	II	131.5	141.5	38	48	80	
	W47M2A	11/02/1999	OL21P	{ND on all 28} analytes				II	131.5	141.5	38	48		
	W47M2A	11/02/1999	TOC	TOTAL ORGANIC CARBON	0.6		MG/L	II	131.5	141.5	38	48		
	W47M2A	05/30/2000	IM40HD	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2D	05/30/2000	IM40HD	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	05/30/2000	IM40HG	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2D	05/30/2000	IM40HG	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	05/30/2000	IM40MB	CALCIUM	2030		UG/L	II	131.5	141.5	38	48		
	W47M2D	05/30/2000	IM40MB	CALCIUM	2020		UG/L	II	131.5	141.5	38	48		
	W47M2A	05/30/2000	IM40MB	IRON	57.7	J	UG/L	II	131.5	141.5	38	48		
	W47M2D	05/30/2000	IM40MB	IRON	98.5	J	UG/L	II	131.5	141.5	38	48		
	W47M2A	05/30/2000	IM40MB	MAGNESIUM	1370		UG/L	II	131.5	141.5	38	48		
	W47M2D	05/30/2000	IM40MB	MAGNESIUM	1380		UG/L	II	131.5	141.5	38	48		
	W47M2A	05/30/2000	IM40MB	MANGANESE	32.3		UG/L	II	131.5	141.5	38	48		
	W47M2D	05/30/2000	IM40MB	MANGANESE	31		UG/L	II	131.5	141.5	38	48		
	W47M2A	05/30/2000	IM40MB	POTASSIUM	615		UG/L	II	131.5	141.5	38	48		
	W47M2D	05/30/2000	IM40MB	POTASSIUM	594	J	UG/L	II	131.5	141.5	38	48		
	W47M2A	05/30/2000	IM40MB	SODIUM	6490		UG/L	II	131.5	141.5	38	48	20000	
	W47M2D	05/30/2000	IM40MB	SODIUM	5670		UG/L	II	131.5	141.5	38	48	20000	
	W47M2A	05/30/2000	IM40MB	THALLIUM	4.5	J	UG/L	II	131.5	141.5	38	48	2	X
	W47M2A	08/11/2000	IM40HD	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	08/11/2000	IM40HG	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	08/11/2000	IM40MB	BARIUM	7.9	J	UG/L	II	131.5	141.5	38	48	2000	
	W47M2A	08/11/2000	IM40MB	BORON	9.1		UG/L	II	131.5	141.5	38	48	600	
	W47M2A	08/11/2000	IM40MB	CALCIUM	2020		UG/L	II	131.5	141.5	38	48		
	W47M2A	08/11/2000	IM40MB	MAGNESIUM	1260		UG/L	II	131.5	141.5	38	48		
	W47M2A	08/11/2000	IM40MB	MANGANESE	25.1		UG/L	II	131.5	141.5	38	48		
	W47M2A	08/11/2000	IM40MB	POTASSIUM	734		UG/L	II	131.5	141.5	38	48		
	W47M2A	08/11/2000	IM40MB	SODIUM	5440		UG/L	II	131.5	141.5	38	48	20000	
	W47M2A	11/17/2000	IM40HD	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	11/17/2000	IM40HG	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	11/17/2000	IM40MB	ALUMINUM	35	J	UG/L	II	131.5	141.5	38	48		
	W47M2A	11/17/2000	IM40MB	BARIUM	6.9		UG/L	II	131.5	141.5	38	48	2000	
	W47M2A	11/17/2000	IM40MB	CALCIUM	2170		UG/L	II	131.5	141.5	38	48		
	W47M2A	11/17/2000	IM40MB	IRON	50.3		UG/L	II	131.5	141.5	38	48		
	W47M2A	11/17/2000	IM40MB	MAGNESIUM	1360		UG/L	II	131.5	141.5	38	48		
	W47M2A	11/17/2000	IM40MB	SODIUM	5420	J	UG/L	II	131.5	141.5	38	48	20000	
	W47M2A	05/21/2001	ILSBTL	{ND on all 2} analytes				3	131.5	141.5	38	48		
	W47M2A	05/21/2001	IM40HD	{ND on all 1} analytes				NV	131.5	141.5	38	48		
	W47M2A	05/21/2001	IM40HG	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	05/21/2001	IM40MB	ALUMINUM	134		UG/L	II	131.5	141.5	38	48		
	W47M2A	05/21/2001	IM40MB	BARIUM	6.3	J	UG/L	II	131.5	141.5	38	48	2000	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W47M2A	05/21/2001	IM40MB	BORON	9.2	J	UG/L	II	131.5	141.5	38	48	600	
	W47M2A	05/21/2001	IM40MB	CALCIUM	2120		UG/L	II	131.5	141.5	38	48		
	W47M2A	05/21/2001	IM40MB	IRON	139		UG/L	II	131.5	141.5	38	48		
	W47M2A	05/21/2001	IM40MB	MAGNESIUM	1410		UG/L	II	131.5	141.5	38	48		
	W47M2A	05/21/2001	IM40MB	MANGANESE	11		UG/L	II	131.5	141.5	38	48		
	W47M2A	05/21/2001	IM40MB	POTASSIUM	490	J	UG/L	II	131.5	141.5	38	48		
	W47M2A	05/21/2001	IM40MB	SODIUM	6100		UG/L	II	131.5	141.5	38	48	20000	
	W47M2A	08/06/2001	ILSBTL	{ND on all 2} analytes				II	131.5	141.5	38	48		
	W47M2A	08/06/2001	IM40HD	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	08/06/2001	IM40HG	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	08/06/2001	IM40MB	ALUMINUM	69.6		UG/L	II	131.5	141.5	38	48		
	W47M2A	08/06/2001	IM40MB	BARIUM	6.5	J	UG/L	II	131.5	141.5	38	48	2000	
	W47M2A	08/06/2001	IM40MB	BORON	9.1		UG/L	II	131.5	141.5	38	48	600	
	W47M2A	08/06/2001	IM40MB	CADMIUM	0.34	J	UG/L	II	131.5	141.5	38	48	5	
	W47M2A	08/06/2001	IM40MB	CALCIUM	1940		UG/L	II	131.5	141.5	38	48		
	W47M2A	08/06/2001	IM40MB	COPPER	1.9	J	UG/L	II	131.5	141.5	38	48	1300	
	W47M2A	08/06/2001	IM40MB	IRON	100	J	UG/L	II	131.5	141.5	38	48		
	W47M2A	08/06/2001	IM40MB	MAGNESIUM	1390		UG/L	II	131.5	141.5	38	48		
	W47M2A	08/06/2001	IM40MB	MANGANESE	7.4		UG/L	II	131.5	141.5	38	48		
	W47M2A	08/06/2001	IM40MB	POTASSIUM	774		UG/L	II	131.5	141.5	38	48		
	W47M2A	08/06/2001	IM40MB	SODIUM	5300		UG/L	II	131.5	141.5	38	48	20000	
	W47M2A	08/06/2001	IM40MB	ZINC	2.5	J	UG/L	II	131.5	141.5	38	48	2000	
	W47M2A	12/20/2001	8330N	{ND on all 19} analytes				II	131.5	141.5	38	48		
	W47M2D	12/20/2001	8330N	{ND on all 19} analytes				II	131.5	141.5	38	48		
	W47M2A	12/20/2001	ILSBTL	{ND on all 2} analytes				II	131.5	141.5	38	48		
	W47M2D	12/20/2001	ILSBTL	{ND on all 2} analytes				II	131.5	141.5	38	48		
	W47M2A	12/20/2001	IM40HD	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2D	12/20/2001	IM40HD	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	12/20/2001	IM40HG	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2D	12/20/2001	IM40HG	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	12/20/2001	IM40MB	ALUMINUM	49.9	J	UG/L	II	131.5	141.5	38	48		
	W47M2D	12/20/2001	IM40MB	ALUMINUM	65.5	J	UG/L	II	131.5	141.5	38	48		
	W47M2A	12/20/2001	IM40MB	BORON	13	J	UG/L	II	131.5	141.5	38	48	600	
	W47M2D	12/20/2001	IM40MB	BORON	11.4	J	UG/L	II	131.5	141.5	38	48	600	
	W47M2A	12/20/2001	IM40MB	CALCIUM	1880		UG/L	II	131.5	141.5	38	48		
	W47M2D	12/20/2001	IM40MB	CALCIUM	1870		UG/L	II	131.5	141.5	38	48		
	W47M2D	12/20/2001	IM40MB	COPPER	3.3	J	UG/L	II	131.5	141.5	38	48	1300	
	W47M2A	12/20/2001	IM40MB	IRON	57.5	J	UG/L	II	131.5	141.5	38	48		
	W47M2D	12/20/2001	IM40MB	IRON	77.8	J	UG/L	II	131.5	141.5	38	48		
	W47M2A	12/20/2001	IM40MB	MAGNESIUM	1350		UG/L	II	131.5	141.5	38	48		
	W47M2D	12/20/2001	IM40MB	MAGNESIUM	1340		UG/L	II	131.5	141.5	38	48		
	W47M2A	12/20/2001	IM40MB	MANGANESE	7.8		UG/L	II	131.5	141.5	38	48		
	W47M2D	12/20/2001	IM40MB	MANGANESE	7.6		UG/L	II	131.5	141.5	38	48		
	W47M2A	12/20/2001	IM40MB	POTASSIUM	662		UG/L	II	131.5	141.5	38	48		
	W47M2D	12/20/2001	IM40MB	POTASSIUM	640		UG/L	II	131.5	141.5	38	48		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W47M2A	12/20/2001	IM40MB	SODIUM	5920		UG/L	II	131.5	141.5	38	48	20000	
	W47M2D	12/20/2001	IM40MB	SODIUM	5980		UG/L	II	131.5	141.5	38	48	20000	
	W47M2D	12/20/2001	SW8270	{ND on all 76} analytes				II	131.5	141.5	38	48		
	W47M2A	12/20/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.25	J	UG/L	II	131.5	141.5	38	48	6	
	W47M2A	05/09/2002	8330N	{ND on all 19} analytes				II	131.5	141.5	38	48		
	W47M2A	05/09/2002	SW8270	{ND on all 77} analytes				II	131.5	141.5	38	48		
	W47M2A	07/03/2002	E314.0	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	10/02/2002	8330N	{ND on all 19} analytes				II	131.5	141.5	38	48		
	W47M2D	10/02/2002	8330N	{ND on all 19} analytes				II	131.5	141.5	38	48		
	W47M2A	10/02/2002	SW8270	{ND on all 77} analytes				II	131.5	141.5	38	48		
	W47M2D	10/02/2002	SW8270	{ND on all 78} analytes				II	131.5	141.5	38	48		
	W47M2A	02/05/2003	8330N	{ND on all 19} analytes				II	131.5	141.5	38	48		
	W47M2D	02/05/2003	8330N	{ND on all 19} analytes				II	131.5	141.5	38	48		
	W47M2A	02/05/2003	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.26	J	UG/L	II	131.5	141.5	38	48	6	
	W47M2D	02/05/2003	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	9.6	J	UG/L	II	131.5	141.5	38	48	6	X
	W47M2A	04/01/2003	8330N	{ND on all 19} analytes				II	131.5	141.5	38	48		
	W47M2A	04/01/2003	SW8270	{ND on all 77} analytes				II	131.5	141.5	38	48		
	W47M2A	11/19/2003	8330N	{ND on all 19} analytes				II	131.5	141.5	38	48		
	W47M2D	11/19/2003	8330N	{ND on all 19} analytes				II	131.5	141.5	38	48		
	W47M2A	11/19/2003	SW8270	{ND on all 78} analytes				II	131.5	141.5	38	48		
	W47M2D	11/19/2003	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.36	J	UG/L	II	131.5	141.5	38	48	6	
	W47M2D	11/19/2003	SW8270	DIETHYL PHTHALATE	0.89	J	UG/L	II	131.5	141.5	38	48	5000	
	W47M2A	03/05/2004	8330N	{ND on all 19} analytes				II	131.5	141.5	38	48		
	W47M2A	03/05/2004	SW8270	{ND on all 77} analytes				II	131.5	141.5	38	48		
	W47M2A	08/31/2004	8330N	{ND on all 19} analytes				II	131.5	141.5	38	48		
	W47M2A	02/15/2005	E314.0	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2A	07/22/2005	8330N	{ND on all 19} analytes				II	131.5	141.5	38	48		
	W47M2D	07/22/2005	8330N	{ND on all 19} analytes				II	131.5	141.5	38	48		
	W47M2A	07/22/2005	E314.0	{ND on all 1} analytes				II	131.5	141.5	38	48		
	W47M2D	07/22/2005	E314.0	{ND on all 1} analytes				II	131.5	141.5	38	48		
MW-47M3	W47M3A	03/29/1999	300.0	CHLORIDE (AS CL)	8.6		MG/L	II	115	125	21	31		
	W47M3A	03/29/1999	300.0	SULFATE (AS SO4)	7.8		MG/L	II	115	125	21	31		
	W47M3A	03/29/1999	310.1	ALKALINITY, BICARBONATE (AS C	28		MG/L	II	115	125	21	31		
	W47M3A	03/29/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	28		MG/L	II	115	125	21	31		
	W47M3A	03/29/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.03	J	MG/L	II	115	125	21	31		
	W47M3A	03/29/1999	504	{ND on all 1} analytes				II	115	125	21	31		
	W47M3A	03/29/1999	8151	{ND on all 17} analytes				II	115	125	21	31		
	W47M3A	03/29/1999	350.2M	{ND on all 1} analytes				II	115	125	21	31		
	W47M3A	03/29/1999	353.2M	NITRATE/NITRITE (AS N)	0.01		MG/L	II	115	125	21	31	10	
	W47M3A	03/29/1999	8021W	{ND on all 1} analytes				II	115	125	21	31		
	W47M3A	03/29/1999	8330N	{ND on all 19} analytes				II	115	125	21	31		
	W47M3A	03/29/1999	CYAN	{ND on all 1} analytes				II	115	125	21	31		
	W47M3A	03/29/1999	IM40HD	{ND on all 1} analytes				II	115	125	21	31		
	W47M3L	03/29/1999	IM40HD	{ND on all 1} analytes				II	115	125	21	31		
	W47M3A	03/29/1999	IM40HG	{ND on all 1} analytes				II	115	125	21	31		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W47M3L	03/29/1999	IM40HG	{ND on all 1} analytes				II	115	125	21	31		
	W47M3A	03/29/1999	IM40MB	ALUMINUM	7400		UG/L	II	115	125	21	31		
	W47M3L	03/29/1999	IM40MB	ALUMINUM	1380		UG/L	II	115	125	21	31		
	W47M3A	03/29/1999	IM40MB	BARIUM	64.8		UG/L	II	115	125	21	31	2000	
	W47M3L	03/29/1999	IM40MB	BARIUM	20.3		UG/L	II	115	125	21	31	2000	
	W47M3A	03/29/1999	IM40MB	BORON	18		UG/L	II	115	125	21	31	600	
	W47M3A	03/29/1999	IM40MB	CALCIUM	4610		UG/L	II	115	125	21	31		
	W47M3L	03/29/1999	IM40MB	CALCIUM	2030		UG/L	II	115	125	21	31		
	W47M3A	03/29/1999	IM40MB	CHROMIUM, TOTAL	26		UG/L	II	115	125	21	31	100	
	W47M3L	03/29/1999	IM40MB	CHROMIUM, TOTAL	5.1		UG/L	II	115	125	21	31	100	
	W47M3A	03/29/1999	IM40MB	COBALT	2	J	UG/L	II	115	125	21	31		
	W47M3A	03/29/1999	IM40MB	IRON	7760		UG/L	II	115	125	21	31		
	W47M3L	03/29/1999	IM40MB	IRON	1410		UG/L	II	115	125	21	31		
	W47M3A	03/29/1999	IM40MB	LEAD	5.9		UG/L	II	115	125	21	31	15	
	W47M3A	03/29/1999	IM40MB	MAGNESIUM	2230		UG/L	II	115	125	21	31		
	W47M3L	03/29/1999	IM40MB	MAGNESIUM	751		UG/L	II	115	125	21	31		
	W47M3A	03/29/1999	IM40MB	MANGANESE	215		UG/L	II	115	125	21	31		
	W47M3L	03/29/1999	IM40MB	MANGANESE	84		UG/L	II	115	125	21	31		
	W47M3A	03/29/1999	IM40MB	MOLYBDENUM	43.1		UG/L	II	115	125	21	31	40	X
	W47M3L	03/29/1999	IM40MB	MOLYBDENUM	40.5		UG/L	II	115	125	21	31	40	X
	W47M3A	03/29/1999	IM40MB	NICKEL	3.7		UG/L	II	115	125	21	31	100	
	W47M3L	03/29/1999	IM40MB	NICKEL	2.2	J	UG/L	II	115	125	21	31	100	
	W47M3A	03/29/1999	IM40MB	POTASSIUM	3740		UG/L	II	115	125	21	31		
	W47M3L	03/29/1999	IM40MB	POTASSIUM	3140		UG/L	II	115	125	21	31		
	W47M3A	03/29/1999	IM40MB	SODIUM	16600		UG/L	II	115	125	21	31	20000	
	W47M3L	03/29/1999	IM40MB	SODIUM	16200		UG/L	II	115	125	21	31	20000	
	W47M3A	03/29/1999	IM40MB	VANADIUM	4.5		UG/L	II	115	125	21	31		
	W47M3A	03/29/1999	IM40MB	ZINC	14.8		UG/L	II	115	125	21	31	2000	
	W47M3A	03/29/1999	OC21B	{ND on all 64} analytes				II	115	125	21	31		
	W47M3A	03/29/1999	OC21V	CHLOROFORM	1		UG/L	II	115	125	21	31	80	
	W47M3A	03/29/1999	OC21V	TOLUENE	2		UG/L	II	115	125	21	31	1000	
	W47M3A	03/29/1999	OL21P	{ND on all 28} analytes				II	115	125	21	31		
	W47M3A	03/29/1999	TOC	TOTAL ORGANIC CARBON	0.61		MG/L	II	115	125	21	31		
	W47M3A	08/25/1999	300.0	CHLORIDE (AS CL)	9.6		MG/L	II	115	125	21	31		
	W47M3A	08/25/1999	300.0	SULFATE (AS SO4)	6.4		MG/L	II	115	125	21	31		
	W47M3A	08/25/1999	310.1	ALKALINITY, BICARBONATE (AS C	8	J	MG/L	II	115	125	21	31		
	W47M3A	08/25/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	8	J	MG/L	II	115	125	21	31		
	W47M3A	08/25/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.04		MG/L	II	115	125	21	31		
	W47M3A	08/25/1999	504	{ND on all 1} analytes				II	115	125	21	31		
	W47M3A	08/25/1999	8151	{ND on all 14} analytes				II	115	125	21	31		
	W47M3A	08/25/1999	350.2M	{ND on all 1} analytes				II	115	125	21	31		
	W47M3A	08/25/1999	353.2M	{ND on all 1} analytes				II	115	125	21	31		
	W47M3A	08/25/1999	8021W	{ND on all 1} analytes				II	115	125	21	31		
	W47M3A	08/25/1999	8330N	{ND on all 19} analytes				II	115	125	21	31		
	W47M3A	08/25/1999	CYAN	{ND on all 1} analytes				II	115	125	21	31		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W47M3A	08/25/1999	IM40HD	{ND on all 1} analytes				II	115	125	21	31		
	W47M3A	08/25/1999	IM40HG	{ND on all 1} analytes				II	115	125	21	31		
	W47M3A	08/25/1999	IM40MB	ALUMINUM	1390		UG/L	II	115	125	21	31		
	W47M3A	08/25/1999	IM40MB	BARIUM	17.8		UG/L	II	115	125	21	31	2000	
	W47M3A	08/25/1999	IM40MB	BORON	11.2	J	UG/L	II	115	125	21	31	600	
	W47M3A	08/25/1999	IM40MB	CALCIUM	2460		UG/L	II	115	125	21	31		
	W47M3A	08/25/1999	IM40MB	CHROMIUM, TOTAL	2.3	J	UG/L	II	115	125	21	31	100	
	W47M3A	08/25/1999	IM40MB	IRON	1100		UG/L	II	115	125	21	31		
	W47M3A	08/25/1999	IM40MB	MAGNESIUM	1470		UG/L	II	115	125	21	31		
	W47M3A	08/25/1999	IM40MB	MANGANESE	125		UG/L	II	115	125	21	31		
	W47M3A	08/25/1999	IM40MB	MOLYBDENUM	4.5		UG/L	II	115	125	21	31	40	
	W47M3A	08/25/1999	IM40MB	POTASSIUM	1550		UG/L	II	115	125	21	31		
	W47M3A	08/25/1999	IM40MB	SODIUM	7530		UG/L	II	115	125	21	31	20000	
	W47M3A	08/25/1999	IM40MB	THALLIUM	3.2	J	UG/L	II	115	125	21	31	2	X
	W47M3A	08/25/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	0.9	J	UG/L	II	115	125	21	31	6	
	W47M3A	08/25/1999	OC21V	CHLOROFORM	0.8	J	UG/L	II	115	125	21	31	80	
	W47M3A	08/25/1999	OC21V	TOLUENE	2		UG/L	II	115	125	21	31	1000	
	W47M3A	08/25/1999	OL21P	{ND on all 28} analytes				II	115	125	21	31		
	W47M3A	08/25/1999	TOC	TOTAL ORGANIC CARBON	0.7		MG/L	II	115	125	21	31		
	W47M3A	11/02/1999	300.0	CHLORIDE (AS CL)	9.5		MG/L	II	115	125	21	31		
	W47M3A	11/02/1999	300.0	SULFATE (AS SO4)	5.8		MG/L	II	115	125	21	31		
	W47M3A	11/02/1999	310.1	ALKALINITY, BICARBONATE (AS C	6		MG/L	II	115	125	21	31		
	W47M3A	11/02/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	6		MG/L	II	115	125	21	31		
	W47M3A	11/02/1999	365.2	{ND on all 1} analytes				II	115	125	21	31		
	W47M3A	11/02/1999	504	{ND on all 1} analytes				II	115	125	21	31		
	W47M3A	11/02/1999	8151	{ND on all 17} analytes				II	115	125	21	31		
	W47M3A	11/02/1999	350.2M	{ND on all 1} analytes				II	115	125	21	31		
	W47M3A	11/02/1999	353.2M	NITRATE/NITRITE (AS N)	0.01		MG/L	II	115	125	21	31	10	
	W47M3A	11/02/1999	8021W	{ND on all 1} analytes				II	115	125	21	31		
	W47M3A	11/02/1999	8330N	{ND on all 18} analytes				II	115	125	21	31		
	W47M3A	11/02/1999	CYAN	{ND on all 1} analytes				II	115	125	21	31		
	W47M3A	11/02/1999	IM40HD	{ND on all 1} analytes				II	115	125	21	31		
	W47M3A	11/02/1999	IM40HG	MERCURY	0.11	J	UG/L	II	115	125	21	31	2	
	W47M3A	11/02/1999	IM40MB	BARIUM	9.7	J	UG/L	II	115	125	21	31	2000	
	W47M3A	11/02/1999	IM40MB	BORON	9.5		UG/L	II	115	125	21	31	600	
	W47M3A	11/02/1999	IM40MB	CALCIUM	2110		UG/L	II	115	125	21	31		
	W47M3A	11/02/1999	IM40MB	IRON	330		UG/L	II	115	125	21	31		
	W47M3A	11/02/1999	IM40MB	MAGNESIUM	1410		UG/L	II	115	125	21	31		
	W47M3A	11/02/1999	IM40MB	MANGANESE	77.1		UG/L	II	115	125	21	31		
	W47M3A	11/02/1999	IM40MB	POTASSIUM	1170		UG/L	II	115	125	21	31		
	W47M3A	11/02/1999	IM40MB	SODIUM	6630		UG/L	II	115	125	21	31	20000	
	W47M3A	11/02/1999	IM40MB	ZINC	2	J	UG/L	II	115	125	21	31	2000	
	W47M3A	11/02/1999	OC21B	{ND on all 64} analytes				II	115	125	21	31		
	W47M3A	11/02/1999	OC21V	CHLOROFORM	0.7	J	UG/L	II	115	125	21	31	80	
	W47M3A	11/02/1999	OL21P	{ND on all 28} analytes				II	115	125	21	31		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W47M3A	11/02/1999	TOC	TOTAL ORGANIC CARBON	0.7		MG/L	II	115	125	21	31		
	W47M3A	05/31/2000	IM40HD	{ND on all 1} analytes				II	115	125	21	31		
	W47M3A	05/31/2000	IM40HG	{ND on all 1} analytes				II	115	125	21	31		
	W47M3A	05/31/2000	IM40MB	ANTIMONY	4.7	J	UG/L	II	115	125	21	31	6	
	W47M3A	05/31/2000	IM40MB	BORON	9.2		UG/L	II	115	125	21	31	600	
	W47M3A	05/31/2000	IM40MB	CALCIUM	1750		UG/L	II	115	125	21	31		
	W47M3A	05/31/2000	IM40MB	MAGNESIUM	1480		UG/L	II	115	125	21	31		
	W47M3A	05/31/2000	IM40MB	MANGANESE	26.5		UG/L	II	115	125	21	31		
	W47M3A	05/31/2000	IM40MB	POTASSIUM	747		UG/L	II	115	125	21	31		
	W47M3A	05/31/2000	IM40MB	SODIUM	6300		UG/L	II	115	125	21	31	20000	
	W47M3A	05/31/2000	IM40MB	THALLIUM	5	J	UG/L	II	115	125	21	31	2	X
	W47M3A	05/31/2000	IM40MB	ZINC	5.9		UG/L	II	115	125	21	31	2000	
	W47M3A	08/11/2000	IM40HD	{ND on all 1} analytes				II	115	125	21	31		
	W47M3A	08/11/2000	IM40HG	{ND on all 1} analytes				II	115	125	21	31		
	W47M3A	08/11/2000	IM40MB	BORON	4.4	J	UG/L	II	115	125	21	31	600	
	W47M3A	08/11/2000	IM40MB	CALCIUM	1510		UG/L	II	115	125	21	31		
	W47M3A	08/11/2000	IM40MB	MAGNESIUM	1460		UG/L	II	115	125	21	31		
	W47M3A	08/11/2000	IM40MB	MANGANESE	16.2		UG/L	II	115	125	21	31		
	W47M3A	08/11/2000	IM40MB	POTASSIUM	671		UG/L	II	115	125	21	31		
	W47M3A	08/11/2000	IM40MB	SODIUM	5840		UG/L	II	115	125	21	31	20000	
	W47M3A	11/17/2000	IM40HD	{ND on all 1} analytes				II	115	125	21	31		
	W47M3A	11/17/2000	IM40HG	{ND on all 1} analytes				II	115	125	21	31		
	W47M3A	11/17/2000	IM40MB	BARIUM	3.7	J	UG/L	II	115	125	21	31	2000	
	W47M3A	11/17/2000	IM40MB	CALCIUM	1480		UG/L	II	115	125	21	31		
	W47M3A	11/17/2000	IM40MB	MAGNESIUM	1220		UG/L	II	115	125	21	31		
	W47M3A	11/17/2000	IM40MB	SODIUM	5050	J	UG/L	II	115	125	21	31	20000	
	W47M3A	05/21/2001	ILSBTL	{ND on all 2} analytes				3	115	125	21	31		
	W47M3A	05/21/2001	IM40HD	{ND on all 1} analytes				NV	115	125	21	31		
	W47M3A	05/21/2001	IM40HG	{ND on all 1} analytes				II	115	125	21	31		
	W47M3A	05/21/2001	IM40MB	BORON	9.5	J	UG/L	II	115	125	21	31	600	
	W47M3A	05/21/2001	IM40MB	CALCIUM	1550		UG/L	II	115	125	21	31		
	W47M3A	05/21/2001	IM40MB	MAGNESIUM	1340		UG/L	II	115	125	21	31		
	W47M3A	05/21/2001	IM40MB	MANGANESE	8.6		UG/L	II	115	125	21	31		
	W47M3A	05/21/2001	IM40MB	POTASSIUM	617	J	UG/L	II	115	125	21	31		
	W47M3A	05/21/2001	IM40MB	SODIUM	5840		UG/L	II	115	125	21	31	20000	
	W47M3A	08/06/2001	ILSBTL	{ND on all 2} analytes				II	115	125	21	31		
	W47M3A	08/06/2001	IM40HD	{ND on all 1} analytes				II	115	125	21	31		
	W47M3A	08/06/2001	IM40HG	{ND on all 1} analytes				II	115	125	21	31		
	W47M3A	08/06/2001	IM40MB	BORON	8.1		UG/L	II	115	125	21	31	600	
	W47M3A	08/06/2001	IM40MB	CALCIUM	1410		UG/L	II	115	125	21	31		
	W47M3A	08/06/2001	IM40MB	MAGNESIUM	1330		UG/L	II	115	125	21	31		
	W47M3A	08/06/2001	IM40MB	MANGANESE	8.5		UG/L	II	115	125	21	31		
	W47M3A	08/06/2001	IM40MB	POTASSIUM	696		UG/L	II	115	125	21	31		
	W47M3A	08/06/2001	IM40MB	SODIUM	5680		UG/L	II	115	125	21	31	20000	
	W47M3A	12/19/2001	8330N	{ND on all 19} analytes				3	115	125	21	31		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W47M3A	12/19/2001	ILSBTL	{ND on all 2} analytes				II	115	125	21	31		
	W47M3A	12/19/2001	IM40HG	{ND on all 1} analytes				3	115	125	21	31		
	W47M3A	12/19/2001	IM40MB	BORON	9.1	J	UG/L	3	115	125	21	31	600	
	W47M3A	12/19/2001	IM40MB	CALCIUM	1600		UG/L	3	115	125	21	31		
	W47M3A	12/19/2001	IM40MB	MAGNESIUM	1380		UG/L	3	115	125	21	31		
	W47M3A	12/19/2001	IM40MB	MANGANESE	10		UG/L	3	115	125	21	31		
	W47M3A	12/19/2001	IM40MB	POTASSIUM	720		UG/L	3	115	125	21	31		
	W47M3A	12/19/2001	IM40MB	SODIUM	6120		UG/L	3	115	125	21	31	20000	
	W47M3A	12/19/2001	SW8270	{ND on all 76} analytes				3	115	125	21	31		
	W47M3A	07/03/2002	E314.0	{ND on all 1} analytes				II	115	125	21	31		
MW-47S	W47SSA	03/30/1999	300.0	CHLORIDE (AS CL)	8.1		MG/L	II	90	100	0	10		
	W47SSA	03/30/1999	300.0	SULFATE (AS SO4)	7.1		MG/L	II	90	100	0	10		
	W47SSA	03/30/1999	310.1	ALKALINITY, BICARBONATE (AS C	6		MG/L	II	90	100	0	10		
	W47SSA	03/30/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	6		MG/L	II	90	100	0	10		
	W47SSA	03/30/1999	365.2	{ND on all 1} analytes				II	90	100	0	10		
	W47SSA	03/30/1999	504	{ND on all 1} analytes				II	90	100	0	10		
	W47SSA	03/30/1999	8151	{ND on all 17} analytes				II	90	100	0	10		
	W47SSA	03/30/1999	350.2M	{ND on all 1} analytes				II	90	100	0	10		
	W47SSA	03/30/1999	353.2M	{ND on all 1} analytes				II	90	100	0	10		
	W47SSA	03/30/1999	8021W	{ND on all 1} analytes				II	90	100	0	10		
	W47SSA	03/30/1999	8330N	{ND on all 19} analytes				II	90	100	0	10		
	W47SSA	03/30/1999	CYAN	{ND on all 1} analytes				II	90	100	0	10		
	W47SSA	03/30/1999	IM40HD	{ND on all 1} analytes				II	90	100	0	10		
	W47SSA	03/30/1999	IM40HG	{ND on all 1} analytes				II	90	100	0	10		
	W47SSA	03/30/1999	IM40MB	BARIUM	19.9		UG/L	II	90	100	0	10	2000	
	W47SSA	03/30/1999	IM40MB	CALCIUM	1820		UG/L	II	90	100	0	10		
	W47SSA	03/30/1999	IM40MB	MAGNESIUM	1280		UG/L	II	90	100	0	10		
	W47SSA	03/30/1999	IM40MB	MANGANESE	165		UG/L	II	90	100	0	10		
	W47SSA	03/30/1999	IM40MB	NICKEL	5.3		UG/L	II	90	100	0	10	100	
	W47SSA	03/30/1999	IM40MB	POTASSIUM	1110		UG/L	II	90	100	0	10		
	W47SSA	03/30/1999	IM40MB	SODIUM	5980		UG/L	II	90	100	0	10	20000	
	W47SSA	03/30/1999	OC21B	{ND on all 64} analytes				II	90	100	0	10		
	W47SSA	03/30/1999	OC21V	CHLOROFORM	1		UG/L	II	90	100	0	10	80	
	W47SSA	03/30/1999	OL21P	{ND on all 28} analytes				II	90	100	0	10		
	W47SSA	03/30/1999	TOC	{ND on all 1} analytes				II	90	100	0	10		
	W47SSA	08/25/1999	300.0	CHLORIDE (AS CL)	8.7		MG/L	II	90	100	0	10		
	W47SSA	08/25/1999	300.0	SULFATE (AS SO4)	7.4		MG/L	II	90	100	0	10		
	W47SSA	08/25/1999	310.1	ALKALINITY, BICARBONATE (AS C	4	J	MG/L	II	90	100	0	10		
	W47SSA	08/25/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	4	J	MG/L	II	90	100	0	10		
	W47SSA	08/25/1999	365.2	{ND on all 1} analytes				II	90	100	0	10		
	W47SSA	08/25/1999	504	{ND on all 1} analytes				II	90	100	0	10		
	W47SSA	08/25/1999	8151	{ND on all 14} analytes				II	90	100	0	10		
	W47SSA	08/25/1999	350.2M	{ND on all 1} analytes				II	90	100	0	10		
	W47SSA	08/25/1999	353.2M	{ND on all 1} analytes				II	90	100	0	10		
	W47SSA	08/25/1999	8021W	{ND on all 1} analytes				II	90	100	0	10		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W47SSA	08/25/1999	8330N	{ND on all 19} analytes				II	90	100	0	10		
	W47SSA	08/25/1999	CYAN	{ND on all 1} analytes				II	90	100	0	10		
	W47SSA	08/25/1999	IM40HD	{ND on all 1} analytes				II	90	100	0	10		
	W47SSA	08/25/1999	IM40HG	{ND on all 1} analytes				II	90	100	0	10		
	W47SSA	08/25/1999	IM40MB	BARIUM	10.3		UG/L	II	90	100	0	10	2000	
	W47SSA	08/25/1999	IM40MB	CALCIUM	1680		UG/L	II	90	100	0	10		
	W47SSA	08/25/1999	IM40MB	LEAD	1.1	J	UG/L	II	90	100	0	10	15	
	W47SSA	08/25/1999	IM40MB	MAGNESIUM	1310		UG/L	II	90	100	0	10		
	W47SSA	08/25/1999	IM40MB	MANGANESE	23.8		UG/L	II	90	100	0	10		
	W47SSA	08/25/1999	IM40MB	POTASSIUM	797		UG/L	II	90	100	0	10		
	W47SSA	08/25/1999	IM40MB	SODIUM	6460		UG/L	II	90	100	0	10	20000	
	W47SSA	08/25/1999	OC21B	{ND on all 64} analytes				II	90	100	0	10		
	W47SSA	08/25/1999	OC21V	CHLOROFORM	1		UG/L	II	90	100	0	10	80	
	W47SSA	08/25/1999	OL21P	{ND on all 28} analytes				II	90	100	0	10		
	W47SSA	08/25/1999	TOC	TOTAL ORGANIC CARBON	0.5		MG/L	II	90	100	0	10		
	W47SSA	11/17/1999	300.0	CHLORIDE (AS CL)	8.9		MG/L	II	90	100	0	10		
	W47SSD	11/17/1999	300.0	CHLORIDE (AS CL)	8.9		MG/L	II	90	100	0	10		
	W47SSA	11/17/1999	300.0	SULFATE (AS SO4)	7.5		MG/L	II	90	100	0	10		
	W47SSD	11/17/1999	300.0	SULFATE (AS SO4)	7.2		MG/L	II	90	100	0	10		
	W47SSA	11/17/1999	310.1	ALKALINITY, BICARBONATE (AS C	3		MG/L	II	90	100	0	10		
	W47SSD	11/17/1999	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	90	100	0	10		
	W47SSA	11/17/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	3		MG/L	II	90	100	0	10		
	W47SSD	11/17/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	90	100	0	10		
	W47SSA	11/17/1999	365.2	{ND on all 1} analytes				II	90	100	0	10		
	W47SSD	11/17/1999	365.2	{ND on all 1} analytes				II	90	100	0	10		
	W47SSA	11/17/1999	504	{ND on all 1} analytes				II	90	100	0	10		
	W47SSD	11/17/1999	504	{ND on all 1} analytes				II	90	100	0	10		
	W47SSA	11/17/1999	8151	{ND on all 17} analytes				II	90	100	0	10		
	W47SSD	11/17/1999	8151	{ND on all 17} analytes				II	90	100	0	10		
	W47SSA	11/17/1999	350.2M	NITROGEN, AMMONIA (AS N)	0.03		MG/L	II	90	100	0	10	30	
	W47SSD	11/17/1999	350.2M	NITROGEN, AMMONIA (AS N)	0.06		MG/L	II	90	100	0	10	30	
	W47SSA	11/17/1999	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	90	100	0	10	10	
	W47SSD	11/17/1999	353.2M	NITRATE/NITRITE (AS N)	0.01		MG/L	II	90	100	0	10	10	
	W47SSA	11/17/1999	8021W	{ND on all 1} analytes				II	90	100	0	10		
	W47SSD	11/17/1999	8021W	{ND on all 1} analytes				II	90	100	0	10		
	W47SSA	11/17/1999	8330N	{ND on all 18} analytes				II	90	100	0	10		
	W47SSD	11/17/1999	8330N	{ND on all 18} analytes				II	90	100	0	10		
	W47SSA	11/17/1999	CYAN	{ND on all 1} analytes				II	90	100	0	10		
	W47SSD	11/17/1999	CYAN	{ND on all 1} analytes				II	90	100	0	10		
	W47SSA	11/17/1999	IM40HD	{ND on all 1} analytes				II	90	100	0	10		
	W47SSD	11/17/1999	IM40HD	{ND on all 1} analytes				II	90	100	0	10		
	W47SSA	11/17/1999	IM40HG	{ND on all 1} analytes				II	90	100	0	10		
	W47SSD	11/17/1999	IM40HG	{ND on all 1} analytes				II	90	100	0	10		
	W47SSA	11/17/1999	IM40MB	BARIUM	7	J	UG/L	II	90	100	0	10	2000	
	W47SSD	11/17/1999	IM40MB	BARIUM	7.2	J	UG/L	II	90	100	0	10	2000	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W47SSA	11/17/1999	IM40MB	BORON	7.5		UG/L	II	90	100	0	10	600	
	W47SSD	11/17/1999	IM40MB	BORON	8.1		UG/L	II	90	100	0	10	600	
	W47SSA	11/17/1999	IM40MB	CALCIUM	1480		UG/L	II	90	100	0	10		
	W47SSD	11/17/1999	IM40MB	CALCIUM	1510		UG/L	II	90	100	0	10		
	W47SSD	11/17/1999	IM40MB	COPPER	1.8	J	UG/L	II	90	100	0	10	1300	
	W47SSA	11/17/1999	IM40MB	MAGNESIUM	1220		UG/L	II	90	100	0	10		
	W47SSD	11/17/1999	IM40MB	MAGNESIUM	1230		UG/L	II	90	100	0	10		
	W47SSA	11/17/1999	IM40MB	MANGANESE	14.8		UG/L	II	90	100	0	10		
	W47SSD	11/17/1999	IM40MB	MANGANESE	13.1		UG/L	II	90	100	0	10		
	W47SSD	11/17/1999	IM40MB	NICKEL	2.3	J	UG/L	II	90	100	0	10	100	
	W47SSA	11/17/1999	IM40MB	POTASSIUM	572		UG/L	II	90	100	0	10		
	W47SSD	11/17/1999	IM40MB	POTASSIUM	594		UG/L	II	90	100	0	10		
	W47SSA	11/17/1999	IM40MB	SODIUM	6450		UG/L	II	90	100	0	10	20000	
	W47SSD	11/17/1999	IM40MB	SODIUM	6520		UG/L	II	90	100	0	10	20000	
	W47SSD	11/17/1999	IM40MB	ZINC	2.8	J	UG/L	II	90	100	0	10	2000	
	W47SSA	11/17/1999	OC21B	{ND on all 64} analytes				II	90	100	0	10		
	W47SSD	11/17/1999	OC21B	{ND on all 64} analytes				II	90	100	0	10		
	W47SSA	11/17/1999	OC21V	CHLOROFORM	1		UG/L	II	90	100	0	10	80	
	W47SSD	11/17/1999	OC21V	CHLOROFORM	1		UG/L	II	90	100	0	10	80	
	W47SSA	11/17/1999	OL21P	{ND on all 28} analytes				II	90	100	0	10		
	W47SSD	11/17/1999	OL21P	{ND on all 28} analytes				II	90	100	0	10		
	W47SSA	11/17/1999	TOC	{ND on all 1} analytes				II	90	100	0	10		
	W47SSD	11/17/1999	TOC	TOTAL ORGANIC CARBON	0.6		MG/L	II	90	100	0	10		
MW-69M1	W69M1A	10/27/1999	300.0	CHLORIDE (AS CL)	7.5		MG/L	II	190	200	77	87		
	W69M1D	10/27/1999	300.0	CHLORIDE (AS CL)	7.5		MG/L	II	190	200	77	87		
	W69M1A	10/27/1999	300.0	SULFATE (AS SO4)	9.6		MG/L	II	190	200	77	87		
	W69M1D	10/27/1999	300.0	SULFATE (AS SO4)	9.7		MG/L	II	190	200	77	87		
	W69M1A	10/27/1999	310.1	ALKALINITY, BICARBONATE (AS C	25		MG/L	II	190	200	77	87		
	W69M1D	10/27/1999	310.1	ALKALINITY, BICARBONATE (AS C	26		MG/L	II	190	200	77	87		
	W69M1A	10/27/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	25		MG/L	II	190	200	77	87		
	W69M1D	10/27/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	26		MG/L	II	190	200	77	87		
	W69M1A	10/27/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.03		MG/L	II	190	200	77	87		
	W69M1D	10/27/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.03		MG/L	II	190	200	77	87		
	W69M1A	10/27/1999	504	{ND on all 1} analytes				II	190	200	77	87		
	W69M1D	10/27/1999	504	{ND on all 1} analytes				II	190	200	77	87		
	W69M1A	10/27/1999	8151	{ND on all 15} analytes				II	190	200	77	87		
	W69M1D	10/27/1999	8151	2,4,5-T (TRICHLOROPHENOXYACE	0.12	NJ	UG/L	II	190	200	77	87	70	
	W69M1D	10/27/1999	350.2M	{ND on all 1} analytes				II	190	200	77	87		
	W69M1A	10/27/1999	350.2M	NITROGEN, AMMONIA (AS N)	0.03	J	MG/L	II	190	200	77	87	30	
	W69M1A	10/27/1999	353.2M	{ND on all 1} analytes				II	190	200	77	87		
	W69M1D	10/27/1999	353.2M	{ND on all 1} analytes				II	190	200	77	87		
	W69M1A	10/27/1999	8021W	{ND on all 1} analytes				II	190	200	77	87		
	W69M1D	10/27/1999	8021W	{ND on all 1} analytes				II	190	200	77	87		
	W69M1A	10/27/1999	8330N	{ND on all 18} analytes				II	190	200	77	87		
	W69M1D	10/27/1999	8330N	{ND on all 18} analytes				II	190	200	77	87		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W69M1A	10/27/1999	CYAN	{ND on all 1} analytes				II	190	200	77	87		
	W69M1D	10/27/1999	CYAN	{ND on all 1} analytes				II	190	200	77	87		
	W69M1A	10/27/1999	IM40HD	{ND on all 1} analytes				II	190	200	77	87		
	W69M1D	10/27/1999	IM40HD	{ND on all 1} analytes				II	190	200	77	87		
	W69M1D	10/27/1999	IM40HG	{ND on all 1} analytes				II	190	200	77	87		
	W69M1A	10/27/1999	IM40HG	MERCURY	0.16	J	UG/L	II	190	200	77	87	2	
	W69M1A	10/27/1999	IM40MB	BARIUM	10.5	J	UG/L	II	190	200	77	87	2000	
	W69M1D	10/27/1999	IM40MB	BARIUM	10.1	J	UG/L	II	190	200	77	87	2000	
	W69M1A	10/27/1999	IM40MB	BORON	8.5		UG/L	II	190	200	77	87	600	
	W69M1D	10/27/1999	IM40MB	BORON	8		UG/L	II	190	200	77	87	600	
	W69M1A	10/27/1999	IM40MB	CALCIUM	6200		UG/L	II	190	200	77	87		
	W69M1D	10/27/1999	IM40MB	CALCIUM	6030		UG/L	II	190	200	77	87		
	W69M1A	10/27/1999	IM40MB	COPPER	2.6	J	UG/L	II	190	200	77	87	1300	
	W69M1A	10/27/1999	IM40MB	IRON	281	J	UG/L	II	190	200	77	87		
	W69M1D	10/27/1999	IM40MB	IRON	231	J	UG/L	II	190	200	77	87		
	W69M1A	10/27/1999	IM40MB	MAGNESIUM	2940		UG/L	II	190	200	77	87		
	W69M1D	10/27/1999	IM40MB	MAGNESIUM	2840		UG/L	II	190	200	77	87		
	W69M1A	10/27/1999	IM40MB	MANGANESE	217		UG/L	II	190	200	77	87		
	W69M1D	10/27/1999	IM40MB	MANGANESE	210		UG/L	II	190	200	77	87		
	W69M1A	10/27/1999	IM40MB	MOLYBDENUM	3.4		UG/L	II	190	200	77	87	40	
	W69M1D	10/27/1999	IM40MB	MOLYBDENUM	2.3	J	UG/L	II	190	200	77	87	40	
	W69M1A	10/27/1999	IM40MB	POTASSIUM	2290		UG/L	II	190	200	77	87		
	W69M1D	10/27/1999	IM40MB	POTASSIUM	2220		UG/L	II	190	200	77	87		
	W69M1A	10/27/1999	IM40MB	SODIUM	6660		UG/L	II	190	200	77	87	20000	
	W69M1D	10/27/1999	IM40MB	SODIUM	6590		UG/L	II	190	200	77	87	20000	
	W69M1A	10/27/1999	IM40MB	VANADIUM	1.7	J	UG/L	II	190	200	77	87		
	W69M1A	10/27/1999	IM40MB	ZINC	13.7		UG/L	II	190	200	77	87	2000	
	W69M1D	10/27/1999	IM40MB	ZINC	13.2		UG/L	II	190	200	77	87	2000	
	W69M1D	10/27/1999	OC21B	{ND on all 64} analytes				II	190	200	77	87		
	W69M1A	10/27/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	5	J	UG/L	II	190	200	77	87	6	
	W69M1A	10/27/1999	OC21V	{ND on all 44} analytes				II	190	200	77	87		
	W69M1D	10/27/1999	OC21V	{ND on all 44} analytes				II	190	200	77	87		
	W69M1A	10/27/1999	OL21P	{ND on all 28} analytes				II	190	200	77	87		
	W69M1D	10/27/1999	OL21P	{ND on all 28} analytes				II	190	200	77	87		
	W69M1A	10/27/1999	TOC	{ND on all 1} analytes				II	190	200	77	87		
	W69M1D	10/27/1999	TOC	{ND on all 1} analytes				II	190	200	77	87		
	W69M1A	02/08/2000	300.0	CHLORIDE (AS CL)	7.5		MG/L	II	190	200	77	87		
	W69M1A	02/08/2000	300.0	SULFATE (AS SO4)	10		MG/L	II	190	200	77	87		
	W69M1A	02/08/2000	310.1	ALKALINITY, BICARBONATE (AS C	24		MG/L	II	190	200	77	87		
	W69M1A	02/08/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	24		MG/L	II	190	200	77	87		
	W69M1A	02/08/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.07		MG/L	II	190	200	77	87		
	W69M1A	02/08/2000	504	{ND on all 1} analytes				II	190	200	77	87		
	W69M1A	02/08/2000	8151	{ND on all 18} analytes				II	190	200	77	87		
	W69M1A	02/08/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.04	J	MG/L	II	190	200	77	87	30	
	W69M1A	02/08/2000	353.2M	{ND on all 1} analytes				II	190	200	77	87		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W69M1A	02/08/2000	8021W	{ND on all 1} analytes				II	190	200	77	87		
	W69M1A	02/08/2000	8330N	{ND on all 18} analytes				II	190	200	77	87		
	W69M1A	02/08/2000	CYAN	{ND on all 1} analytes				II	190	200	77	87		
	W69M1A	02/08/2000	IM40HD	{ND on all 1} analytes				II	190	200	77	87		
	W69M1A	02/08/2000	IM40HG	{ND on all 1} analytes				II	190	200	77	87		
	W69M1A	02/08/2000	IM40MB	BORON	7.7		UG/L	II	190	200	77	87	600	
	W69M1A	02/08/2000	IM40MB	CALCIUM	6130		UG/L	II	190	200	77	87		
	W69M1A	02/08/2000	IM40MB	IRON	126	J	UG/L	II	190	200	77	87		
	W69M1A	02/08/2000	IM40MB	MAGNESIUM	2950		UG/L	II	190	200	77	87		
	W69M1A	02/08/2000	IM40MB	MANGANESE	233		UG/L	II	190	200	77	87		
	W69M1A	02/08/2000	IM40MB	POTASSIUM	1930		UG/L	II	190	200	77	87		
	W69M1A	02/08/2000	IM40MB	SODIUM	7130		UG/L	II	190	200	77	87	20000	
	W69M1A	02/08/2000	OC21B	{ND on all 64} analytes				II	190	200	77	87		
	W69M1A	02/08/2000	OC21V	{ND on all 43} analytes				II	190	200	77	87		
	W69M1A	02/08/2000	OL21P	{ND on all 28} analytes				II	190	200	77	87		
	W69M1A	02/08/2000	TOC	{ND on all 1} analytes				II	190	200	77	87		
	W69M1A	05/02/2000	300.0	CHLORIDE (AS CL)	7.8		MG/L	3	190	200	77	87		
	W69M1A	05/02/2000	300.0	SULFATE (AS SO4)	9.3		MG/L	3	190	200	77	87		
	W69M1A	05/02/2000	310.1	ALKALINITY, BICARBONATE (AS C	25		MG/L	3	190	200	77	87		
	W69M1A	05/02/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	25		MG/L	3	190	200	77	87		
	W69M1A	05/02/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.1		MG/L	3	190	200	77	87		
	W69M1A	05/02/2000	504	{ND on all 1} analytes				3	190	200	77	87		
	W69M1A	05/02/2000	8151	{ND on all 16} analytes				3	190	200	77	87		
	W69M1A	05/02/2000	350.2M	{ND on all 1} analytes				3	190	200	77	87		
	W69M1A	05/02/2000	353.2M	{ND on all 1} analytes				3	190	200	77	87		
	W69M1A	05/02/2000	8021W	{ND on all 1} analytes				3	190	200	77	87		
	W69M1A	05/02/2000	8330N	{ND on all 18} analytes				3	190	200	77	87		
	W69M1A	05/02/2000	CYAN	{ND on all 1} analytes				3	190	200	77	87		
	W69M1A	05/02/2000	IM40HD	{ND on all 1} analytes				3	190	200	77	87		
	W69M1A	05/02/2000	IM40HG	{ND on all 1} analytes				3	190	200	77	87		
	W69M1A	05/02/2000	IM40MB	BORON	6.6		UG/L	3	190	200	77	87	600	
	W69M1A	05/02/2000	IM40MB	CALCIUM	5740		UG/L	3	190	200	77	87		
	W69M1A	05/02/2000	IM40MB	COPPER	2.3	J	UG/L	3	190	200	77	87	1300	
	W69M1A	05/02/2000	IM40MB	IRON	64		UG/L	3	190	200	77	87		
	W69M1A	05/02/2000	IM40MB	MAGNESIUM	2750		UG/L	3	190	200	77	87		
	W69M1A	05/02/2000	IM40MB	MANGANESE	174		UG/L	3	190	200	77	87		
	W69M1A	05/02/2000	IM40MB	POTASSIUM	2310		UG/L	3	190	200	77	87		
	W69M1A	05/02/2000	IM40MB	SODIUM	6680		UG/L	3	190	200	77	87	20000	
	W69M1A	05/02/2000	IM40MB	ZINC	3.6		UG/L	3	190	200	77	87	2000	
	W69M1A	05/02/2000	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	3	J	UG/L	3	190	200	77	87	6	
	W69M1A	05/02/2000	OC21V	{ND on all 44} analytes				3	190	200	77	87		
	W69M1A	05/02/2000	OL21P	{ND on all 28} analytes				3	190	200	77	87		
	W69M1A	05/02/2000	TOC	{ND on all 1} analytes				3	190	200	77	87		
	W69M1A	07/08/2002	E314.0	{ND on all 1} analytes				II	190	200	77	87		
	W69M1A	03/26/2004	E314.0	{ND on all 1} analytes				II	190	200	77	87		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W69M1A	08/09/2004	E314.0	{ND on all 1} analytes				II	190	200	77	87		
	W69M1D	08/09/2004	E314.0	{ND on all 1} analytes				II	190	200	77	87		
MW-69M2	W69M2A	10/27/1999	300.0	CHLORIDE (AS CL)	7.3		MG/L	II	153	163	40	50		
	W69M2A	10/27/1999	300.0	SULFATE (AS SO4)	7.1		MG/L	II	153	163	40	50		
	W69M2A	10/27/1999	310.1	ALKALINITY, BICARBONATE (AS C	12		MG/L	II	153	163	40	50		
	W69M2A	10/27/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	12		MG/L	II	153	163	40	50		
	W69M2A	10/27/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	II	153	163	40	50		
	W69M2A	10/27/1999	504	{ND on all 1} analytes				II	153	163	40	50		
	W69M2A	10/27/1999	8151	{ND on all 15} analytes				II	153	163	40	50		
	W69M2A	10/27/1999	350.2M	NITROGEN, AMMONIA (AS N)	0.03	J	MG/L	II	153	163	40	50	30	
	W69M2A	10/27/1999	353.2M	{ND on all 1} analytes				II	153	163	40	50		
	W69M2A	10/27/1999	8021W	{ND on all 1} analytes				II	153	163	40	50		
	W69M2A	10/27/1999	8330N	{ND on all 18} analytes				II	153	163	40	50		
	W69M2A	10/27/1999	CYAN	{ND on all 1} analytes				II	153	163	40	50		
	W69M2A	10/27/1999	IM40HD	{ND on all 1} analytes				II	153	163	40	50		
	W69M2A	10/27/1999	IM40HG	{ND on all 1} analytes				II	153	163	40	50		
	W69M2A	10/27/1999	IM40MB	ALUMINUM	321		UG/L	II	153	163	40	50		
	W69M2A	10/27/1999	IM40MB	BARIUM	9.3	J	UG/L	II	153	163	40	50	2000	
	W69M2A	10/27/1999	IM40MB	BORON	7.1		UG/L	II	153	163	40	50	600	
	W69M2A	10/27/1999	IM40MB	CALCIUM	3120		UG/L	II	153	163	40	50		
	W69M2A	10/27/1999	IM40MB	COPPER	2.5	J	UG/L	II	153	163	40	50	1300	
	W69M2A	10/27/1999	IM40MB	IRON	426		UG/L	II	153	163	40	50		
	W69M2A	10/27/1999	IM40MB	MAGNESIUM	1900		UG/L	II	153	163	40	50		
	W69M2A	10/27/1999	IM40MB	MANGANESE	89.9		UG/L	II	153	163	40	50		
	W69M2A	10/27/1999	IM40MB	MOLYBDENUM	1.8	J	UG/L	II	153	163	40	50	40	
	W69M2A	10/27/1999	IM40MB	POTASSIUM	1480		UG/L	II	153	163	40	50		
	W69M2A	10/27/1999	IM40MB	SODIUM	7000		UG/L	II	153	163	40	50	20000	
	W69M2A	10/27/1999	IM40MB	VANADIUM	1.9	J	UG/L	II	153	163	40	50		
	W69M2A	10/27/1999	OC21B	{ND on all 64} analytes				II	153	163	40	50		
	W69M2A	10/27/1999	OC21V	CHLOROFORM	0.3	J	UG/L	II	153	163	40	50	80	
	W69M2A	10/27/1999	OL21P	{ND on all 28} analytes				II	153	163	40	50		
	W69M2A	10/27/1999	TOC	{ND on all 1} analytes				II	153	163	40	50		
	W69M2A	02/07/2000	300.0	CHLORIDE (AS CL)	7.4		MG/L	II	153	163	40	50		
	W69M2A	02/07/2000	300.0	SULFATE (AS SO4)	7.4		MG/L	II	153	163	40	50		
	W69M2A	02/07/2000	310.1	ALKALINITY, BICARBONATE (AS C	12		MG/L	II	153	163	40	50		
	W69M2A	02/07/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	12		MG/L	II	153	163	40	50		
	W69M2A	02/07/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.01		MG/L	II	153	163	40	50		
	W69M2A	02/07/2000	504	{ND on all 1} analytes				II	153	163	40	50		
	W69M2A	02/07/2000	8151	{ND on all 18} analytes				II	153	163	40	50		
	W69M2A	02/07/2000	350.2M	{ND on all 1} analytes				II	153	163	40	50		
	W69M2A	02/07/2000	353.2M	{ND on all 1} analytes				II	153	163	40	50		
	W69M2A	02/07/2000	8021W	{ND on all 1} analytes				II	153	163	40	50		
	W69M2A	02/07/2000	8330N	{ND on all 18} analytes				II	153	163	40	50		
	W69M2A	02/07/2000	CYAN	{ND on all 1} analytes				II	153	163	40	50		
	W69M2A	02/07/2000	IM40HD	{ND on all 1} analytes				II	153	163	40	50		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W69M2A	02/07/2000	IM40HG	{ND on all 1} analytes				II	153	163	40	50		
	W69M2A	02/07/2000	IM40MB	BORON	6	J	UG/L	II	153	163	40	50	600	
	W69M2A	02/07/2000	IM40MB	CALCIUM	3060		UG/L	II	153	163	40	50		
	W69M2A	02/07/2000	IM40MB	IRON	106	J	UG/L	II	153	163	40	50		
	W69M2A	02/07/2000	IM40MB	MAGNESIUM	2000		UG/L	II	153	163	40	50		
	W69M2A	02/07/2000	IM40MB	MANGANESE	20.6		UG/L	II	153	163	40	50		
	W69M2A	02/07/2000	IM40MB	POTASSIUM	1100		UG/L	II	153	163	40	50		
	W69M2A	02/07/2000	IM40MB	SODIUM	6970		UG/L	II	153	163	40	50	20000	
	W69M2A	02/07/2000	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	2	J	UG/L	II	153	163	40	50	6	
	W69M2A	02/07/2000	OC21V	{ND on all 43} analytes				II	153	163	40	50		
	W69M2A	02/07/2000	OL21P	{ND on all 28} analytes				II	153	163	40	50		
	W69M2A	02/07/2000	TOC	{ND on all 1} analytes				II	153	163	40	50		
	W69M2A	05/01/2000	300.0	CHLORIDE (AS CL)	7.6		MG/L	3	153	163	40	50		
	W69M2D	05/01/2000	300.0	CHLORIDE (AS CL)	7.6		MG/L	3	153	163	40	50		
	W69M2A	05/01/2000	300.0	SULFATE (AS SO4)	7		MG/L	3	153	163	40	50		
	W69M2D	05/01/2000	300.0	SULFATE (AS SO4)	18		MG/L	3	153	163	40	50		
	W69M2A	05/01/2000	310.1	ALKALINITY, BICARBONATE (AS C	12		MG/L	3	153	163	40	50		
	W69M2D	05/01/2000	310.1	ALKALINITY, BICARBONATE (AS C	2		MG/L	3	153	163	40	50		
	W69M2A	05/01/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	12		MG/L	3	153	163	40	50		
	W69M2D	05/01/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	2		MG/L	3	153	163	40	50		
	W69M2A	05/01/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	3	153	163	40	50		
	W69M2D	05/01/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.01		MG/L	3	153	163	40	50		
	W69M2A	05/01/2000	504	{ND on all 1} analytes				3	153	163	40	50		
	W69M2D	05/01/2000	504	{ND on all 1} analytes				3	153	163	40	50		
	W69M2A	05/01/2000	8151	{ND on all 16} analytes				3	153	163	40	50		
	W69M2D	05/01/2000	8151	{ND on all 16} analytes				3	153	163	40	50		
	W69M2A	05/01/2000	350.2M	{ND on all 1} analytes				3	153	163	40	50		
	W69M2D	05/01/2000	350.2M	{ND on all 1} analytes				3	153	163	40	50		
	W69M2A	05/01/2000	353.2M	{ND on all 1} analytes				3	153	163	40	50		
	W69M2D	05/01/2000	353.2M	{ND on all 1} analytes				3	153	163	40	50		
	W69M2A	05/01/2000	8021W	{ND on all 1} analytes				3	153	163	40	50		
	W69M2D	05/01/2000	8021W	{ND on all 1} analytes				3	153	163	40	50		
	W69M2A	05/01/2000	8330N	{ND on all 18} analytes				3	153	163	40	50		
	W69M2D	05/01/2000	8330N	{ND on all 18} analytes				3	153	163	40	50		
	W69M2A	05/01/2000	CYAN	{ND on all 1} analytes				3	153	163	40	50		
	W69M2D	05/01/2000	CYAN	{ND on all 1} analytes				3	153	163	40	50		
	W69M2A	05/01/2000	IM40HD	{ND on all 1} analytes				3	153	163	40	50		
	W69M2D	05/01/2000	IM40HD	{ND on all 1} analytes				3	153	163	40	50		
	W69M2A	05/01/2000	IM40HG	{ND on all 1} analytes				3	153	163	40	50		
	W69M2D	05/01/2000	IM40HG	{ND on all 1} analytes				3	153	163	40	50		
	W69M2A	05/01/2000	IM40MB	BORON	3.3	J	UG/L	3	153	163	40	50	600	
	W69M2D	05/01/2000	IM40MB	BORON	4.4	J	UG/L	3	153	163	40	50	600	
	W69M2A	05/01/2000	IM40MB	CALCIUM	2940		UG/L	3	153	163	40	50		
	W69M2D	05/01/2000	IM40MB	CALCIUM	2890		UG/L	3	153	163	40	50		
	W69M2A	05/01/2000	IM40MB	COPPER	12.5	J	UG/L	3	153	163	40	50	1300	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W69M2A	05/01/2000	IM40MB	MAGNESIUM	1880		UG/L	3	153	163	40	50		
	W69M2D	05/01/2000	IM40MB	MAGNESIUM	1830		UG/L	3	153	163	40	50		
	W69M2A	05/01/2000	IM40MB	MANGANESE	6.4		UG/L	3	153	163	40	50		
	W69M2D	05/01/2000	IM40MB	MANGANESE	6.6		UG/L	3	153	163	40	50		
	W69M2A	05/01/2000	IM40MB	POTASSIUM	1400		UG/L	3	153	163	40	50		
	W69M2D	05/01/2000	IM40MB	POTASSIUM	1470		UG/L	3	153	163	40	50		
	W69M2D	05/01/2000	IM40MB	SELENIUM	5.9	J	UG/L	3	153	163	40	50	50	
	W69M2A	05/01/2000	IM40MB	SODIUM	5900		UG/L	3	153	163	40	50	20000	
	W69M2D	05/01/2000	IM40MB	SODIUM	6230		UG/L	3	153	163	40	50	20000	
	W69M2A	05/01/2000	OC21B	{ND on all 64} analytes				3	153	163	40	50		
	W69M2D	05/01/2000	OC21B	{ND on all 64} analytes				3	153	163	40	50		
	W69M2A	05/01/2000	OC21V	{ND on all 44} analytes				3	153	163	40	50		
	W69M2D	05/01/2000	OC21V	{ND on all 44} analytes				3	153	163	40	50		
	W69M2A	05/01/2000	OL21P	{ND on all 28} analytes				3	153	163	40	50		
	W69M2D	05/01/2000	OL21P	{ND on all 28} analytes				3	153	163	40	50		
	W69M2A	05/01/2000	TOC	{ND on all 1} analytes				3	153	163	40	50		
	W69M2D	05/01/2000	TOC	{ND on all 1} analytes				3	153	163	40	50		
	W69M2A	07/08/2002	E314.0	{ND on all 1} analytes				II	153	163	40	50		
	W69M2A	03/10/2003	E314.0	{ND on all 1} analytes				II	153	163	40	50		
	W69M2A	03/26/2004	E314.0	{ND on all 1} analytes				II	153	163	40	50		
	W69M2D	03/26/2004	E314.0	{ND on all 1} analytes				II	153	163	40	50		
MW-69S	W69SSA	10/27/1999	300.0	CHLORIDE (AS CL)	6.8		MG/L	II	110	120	0	10		
	W69SSA	10/27/1999	300.0	SULFATE (AS SO4)	5		MG/L	II	110	120	0	10		
	W69SSA	10/27/1999	310.1	ALKALINITY, BICARBONATE (AS C	6		MG/L	II	110	120	0	10		
	W69SSA	10/27/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	6		MG/L	II	110	120	0	10		
	W69SSA	10/27/1999	365.2	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	10/27/1999	504	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	10/27/1999	8151	{ND on all 15} analytes				II	110	120	0	10		
	W69SSA	10/27/1999	350.2M	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	10/27/1999	353.2M	NITRATE/NITRITE (AS N)	0.12		MG/L	II	110	120	0	10	10	
	W69SSA	10/27/1999	8021W	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	10/27/1999	8330N	{ND on all 18} analytes				II	110	120	0	10		
	W69SSA	10/27/1999	CYAN	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	10/27/1999	IM40HD	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	10/27/1999	IM40HG	MERCURY	0.13	J	UG/L	II	110	120	0	10	2	
	W69SSA	10/27/1999	IM40MB	ANTIMONY	3.9	J	UG/L	II	110	120	0	10	6	
	W69SSA	10/27/1999	IM40MB	BARIUM	28.4		UG/L	II	110	120	0	10	2000	
	W69SSA	10/27/1999	IM40MB	BORON	9		UG/L	II	110	120	0	10	600	
	W69SSA	10/27/1999	IM40MB	CALCIUM	1850		UG/L	II	110	120	0	10		
	W69SSA	10/27/1999	IM40MB	COBALT	5.7		UG/L	II	110	120	0	10		
	W69SSA	10/27/1999	IM40MB	COPPER	2.3	J	UG/L	II	110	120	0	10	1300	
	W69SSA	10/27/1999	IM40MB	IRON	122	J	UG/L	II	110	120	0	10		
	W69SSA	10/27/1999	IM40MB	MAGNESIUM	1380		UG/L	II	110	120	0	10		
	W69SSA	10/27/1999	IM40MB	MANGANESE	101		UG/L	II	110	120	0	10		
	W69SSA	10/27/1999	IM40MB	NICKEL	4.9	J	UG/L	II	110	120	0	10	100	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W69SSA	10/27/1999	IM40MB	POTASSIUM	871		UG/L	II	110	120	0	10		
	W69SSA	10/27/1999	IM40MB	SODIUM	4840		UG/L	II	110	120	0	10	20000	
	W69SSA	10/27/1999	OC21B	{ND on all 64} analytes				II	110	120	0	10		
	W69SSA	10/27/1999	OC21V	CHLOROFORM	0.3	J	UG/L	II	110	120	0	10	80	
	W69SSA	10/27/1999	OL21P	{ND on all 28} analytes				II	110	120	0	10		
	W69SSA	10/27/1999	TOC	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	02/08/2000	300.0	CHLORIDE (AS CL)	7.3		MG/L	II	110	120	0	10		
	W69SSA	02/08/2000	300.0	SULFATE (AS SO4)	5.5		MG/L	II	110	120	0	10		
	W69SSA	02/08/2000	310.1	ALKALINITY, BICARBONATE (AS C	6		MG/L	II	110	120	0	10		
	W69SSA	02/08/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	6		MG/L	II	110	120	0	10		
	W69SSA	02/08/2000	365.2	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	02/08/2000	504	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	02/08/2000	8151	MCPP	100	NJ	UG/L	II	110	120	0	10		
	W69SSA	02/08/2000	350.2M	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	02/08/2000	353.2M	NITRATE/NITRITE (AS N)	0.11		MG/L	II	110	120	0	10	10	
	W69SSA	02/08/2000	8021W	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	02/08/2000	8330N	{ND on all 18} analytes				II	110	120	0	10		
	W69SSA	02/08/2000	CYAN	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	02/08/2000	IM40HD	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	02/08/2000	IM40HG	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	02/08/2000	IM40MB	BORON	9.2		UG/L	II	110	120	0	10	600	
	W69SSA	02/08/2000	IM40MB	CALCIUM	1850		UG/L	II	110	120	0	10		
	W69SSA	02/08/2000	IM40MB	COBALT	2	J	UG/L	II	110	120	0	10		
	W69SSA	02/08/2000	IM40MB	MAGNESIUM	1380		UG/L	II	110	120	0	10		
	W69SSA	02/08/2000	IM40MB	MANGANESE	6.9		UG/L	II	110	120	0	10		
	W69SSA	02/08/2000	IM40MB	POTASSIUM	778		UG/L	II	110	120	0	10		
	W69SSA	02/08/2000	IM40MB	SODIUM	4900		UG/L	II	110	120	0	10	20000	
	W69SSA	02/08/2000	OC21B	{ND on all 64} analytes				II	110	120	0	10		
	W69SSA	02/08/2000	OC21V	{ND on all 43} analytes				II	110	120	0	10		
	W69SSA	02/08/2000	OL21P	{ND on all 28} analytes				II	110	120	0	10		
	W69SSA	02/08/2000	TOC	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	05/01/2000	300.0	CHLORIDE (AS CL)	9.1		MG/L	II	110	120	0	10		
	W69SSA	05/01/2000	300.0	SULFATE (AS SO4)	5.7		MG/L	II	110	120	0	10		
	W69SSA	05/01/2000	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	110	120	0	10		
	W69SSA	05/01/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	110	120	0	10		
	W69SSA	05/01/2000	365.2	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	05/01/2000	504	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	05/01/2000	8151	{ND on all 16} analytes				II	110	120	0	10		
	W69SSA	05/01/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.07	J	MG/L	II	110	120	0	10	30	
	W69SSA	05/01/2000	353.2M	NITRATE/NITRITE (AS N)	0.08		MG/L	II	110	120	0	10	10	
	W69SSA	05/01/2000	8021W	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	05/01/2000	8330N	{ND on all 19} analytes				II	110	120	0	10		
	W69SSA	05/01/2000	CYAN	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	05/01/2000	IM40HD	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	05/01/2000	IM40HG	{ND on all 1} analytes				II	110	120	0	10		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W69SSA	05/01/2000	IM40MB	BORON	9.2		UG/L	II	110	120	0	10	600	
	W69SSA	05/01/2000	IM40MB	CALCIUM	1720		UG/L	II	110	120	0	10		
	W69SSA	05/01/2000	IM40MB	COBALT	3.1	J	UG/L	II	110	120	0	10		
	W69SSA	05/01/2000	IM40MB	MAGNESIUM	1380		UG/L	II	110	120	0	10		
	W69SSA	05/01/2000	IM40MB	MANGANESE	3.6		UG/L	II	110	120	0	10		
	W69SSA	05/01/2000	IM40MB	POTASSIUM	599	J	UG/L	II	110	120	0	10		
	W69SSA	05/01/2000	IM40MB	SODIUM	5320		UG/L	II	110	120	0	10	20000	
	W69SSA	05/01/2000	OC21B	{ND on all 64} analytes				II	110	120	0	10		
	W69SSA	05/01/2000	OC21V	CHLOROFORM	0.6	J	UG/L	II	110	120	0	10	80	
	W69SSA	05/01/2000	OL21P	{ND on all 28} analytes				II	110	120	0	10		
	W69SSA	05/01/2000	TOC	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	08/29/2000	300.0	CHLORIDE (AS CL)	7.7		MG/L	II	110	120	0	10		
	W69SSA	08/29/2000	300.0	SULFATE (AS SO4)	5.4		MG/L	II	110	120	0	10		
	W69SSA	08/29/2000	310.1	ALKALINITY, BICARBONATE (AS C	7		MG/L	II	110	120	0	10		
	W69SSA	08/29/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	7		MG/L	II	110	120	0	10		
	W69SSA	08/29/2000	365.2	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	08/29/2000	504	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	08/29/2000	8151	{ND on all 17} analytes				II	110	120	0	10		
	W69SSA	08/29/2000	350.2M	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	08/29/2000	353.2M	NITRATE/NITRITE (AS N)	0.06		MG/L	II	110	120	0	10	10	
	W69SSA	08/29/2000	8021W	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	08/29/2000	8330N	{ND on all 19} analytes				II	110	120	0	10		
	W69SSA	08/29/2000	CYAN	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	08/29/2000	E314.0	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	08/29/2000	IM40HD	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	08/29/2000	IM40HG	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	08/29/2000	IM40MB	BORON	9.5		UG/L	II	110	120	0	10	600	
	W69SSA	08/29/2000	IM40MB	CALCIUM	1610		UG/L	II	110	120	0	10		
	W69SSA	08/29/2000	IM40MB	COBALT	2.4	J	UG/L	II	110	120	0	10		
	W69SSA	08/29/2000	IM40MB	MAGNESIUM	1220		UG/L	II	110	120	0	10		
	W69SSA	08/29/2000	IM40MB	SODIUM	6370		UG/L	II	110	120	0	10	20000	
	W69SSA	08/29/2000	IM40MB	ZINC	2.3	J	UG/L	II	110	120	0	10	2000	
	W69SSA	08/29/2000	OC21V	CHLOROFORM	0.5	J	UG/L	II	110	120	0	10	80	
	W69SSA	08/29/2000	OL21P	{ND on all 28} analytes				II	110	120	0	10		
	W69SSA	08/29/2000	SW8270	{ND on all 76} analytes				II	110	120	0	10		
	W69SSA	08/29/2000	TOC	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	12/19/2000	8151	{ND on all 17} analytes				II	110	120	0	10		
	W69SSD	12/19/2000	8151	{ND on all 17} analytes				II	110	120	0	10		
	W69SSA	12/19/2000	SW8270	{ND on all 77} analytes				II	110	120	0	10		
	W69SSD	12/19/2000	SW8270	{ND on all 77} analytes				II	110	120	0	10		
	W69SSA	05/14/2001	8151	{ND on all 18} analytes				II	110	120	0	10		
	W69SSA	05/14/2001	SW8270	{ND on all 78} analytes				II	110	120	0	10		
	W69SSA	10/11/2001	8151	{ND on all 18} analytes				II	110	120	0	10		
	W69SSA	10/11/2001	8330N	{ND on all 19} analytes				II	110	120	0	10		
	W69SSA	10/11/2001	E314.0	{ND on all 1} analytes				II	110	120	0	10		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W69SSA	10/11/2001	ILSBTL	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	10/11/2001	IM40HD	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	10/11/2001	IM40HG	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	10/11/2001	IM40MB	ARSENIC	1.8	J	UG/L	II	110	120	0	10	10	
	W69SSA	10/11/2001	IM40MB	BARIUM	4.5	J	UG/L	II	110	120	0	10	2000	
	W69SSA	10/11/2001	IM40MB	CALCIUM	1930		UG/L	II	110	120	0	10		
	W69SSA	10/11/2001	IM40MB	COBALT	2	J	UG/L	II	110	120	0	10		
	W69SSA	10/11/2001	IM40MB	COPPER	2.8	J	UG/L	II	110	120	0	10	1300	
	W69SSA	10/11/2001	IM40MB	MAGNESIUM	1430		UG/L	II	110	120	0	10		
	W69SSA	10/11/2001	IM40MB	MANGANESE	1.1	J	UG/L	II	110	120	0	10		
	W69SSA	10/11/2001	IM40MB	POTASSIUM	673		UG/L	II	110	120	0	10		
	W69SSA	10/11/2001	IM40MB	SODIUM	4300		UG/L	II	110	120	0	10	20000	
	W69SSA	10/11/2001	OC21V	CHLOROFORM	0.3	J	UG/L	II	110	120	0	10	80	
	W69SSA	10/11/2001	OL21P	{ND on all 28} analytes				II	110	120	0	10		
	W69SSA	10/11/2001	SW8270	{ND on all 78} analytes				II	110	120	0	10		
	W69SSA	12/19/2001	8151	{ND on all 18} analytes				3	110	120	0	10		
	W69SSA	12/19/2001	SW8270	{ND on all 76} analytes				3	110	120	0	10		
	W69SSA	11/11/2003	8151	{ND on all 18} analytes				II	110	120	0	10		
	W69SSA	11/11/2003	6020SB	{ND on all 2} analytes				II	110	120	0	10		
	W69SSA	11/11/2003	8330N	{ND on all 19} analytes				II	110	120	0	10		
	W69SSA	11/11/2003	E314.0	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	11/11/2003	IM40HD	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	11/11/2003	IM40HG	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	11/11/2003	IM40MB	BORON	9.9	J	UG/L	II	110	120	0	10	600	
	W69SSA	11/11/2003	IM40MB	CALCIUM	1890		UG/L	II	110	120	0	10		
	W69SSA	11/11/2003	IM40MB	CHROMIUM, TOTAL	1.3	J	UG/L	II	110	120	0	10	100	
	W69SSA	11/11/2003	IM40MB	COPPER	4.1	J	UG/L	II	110	120	0	10	1300	
	W69SSA	11/11/2003	IM40MB	MAGNESIUM	1410		UG/L	II	110	120	0	10		
	W69SSA	11/11/2003	IM40MB	MANGANESE	1.4	J	UG/L	II	110	120	0	10		
	W69SSA	11/11/2003	IM40MB	POTASSIUM	996	J	UG/L	II	110	120	0	10		
	W69SSA	11/11/2003	IM40MB	SODIUM	4380		UG/L	II	110	120	0	10	20000	
	W69SSA	11/11/2003	IM40MB	ZINC	7.4		UG/L	II	110	120	0	10	2000	
	W69SSA	11/11/2003	OC21V	CHLOROFORM	0.2	J	UG/L	II	110	120	0	10	80	
	W69SSA	11/11/2003	SW8270	{ND on all 78} analytes				II	110	120	0	10		
	W69SSA	09/17/2004	6020SB	{ND on all 2} analytes				II	110	120	0	10		
	W69SSA	09/17/2004	8330N	{ND on all 19} analytes				II	110	120	0	10		
	W69SSA	09/17/2004	E314.0	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	09/17/2004	IM40HD	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	09/17/2004	IM40HG	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	09/17/2004	IM40MBM	BORON	7.6	J	UG/L	II	110	120	0	10	600	
	W69SSA	09/17/2004	IM40MBM	CALCIUM	2060		UG/L	II	110	120	0	10		
	W69SSA	09/17/2004	IM40MBM	COBALT	3.1	J	UG/L	II	110	120	0	10		
	W69SSA	09/17/2004	IM40MBM	MAGNESIUM	1360		UG/L	II	110	120	0	10		
	W69SSA	09/17/2004	IM40MBM	MANGANESE	1.4		UG/L	II	110	120	0	10		
	W69SSA	09/17/2004	IM40MBM	SODIUM	4720		UG/L	II	110	120	0	10	20000	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W69SSA	09/17/2004	IM40MBM	ZINC	15.4		UG/L	II	110	120	0	10	2000	
	W69SSA	09/17/2004	OC21VM	CHLOROFORM	0.4	J	UG/L	II	110	120	0	10	80	
	W69SSA	09/17/2004	SW8270	{ND on all 77} analytes				II	110	120	0	10		
	W69SSA	09/15/2005	6020SB	{ND on all 2} analytes				II	110	120	0	10		
	W69SSA	09/15/2005	8330N	{ND on all 19} analytes				II	110	120	0	10		
	W69SSA	09/15/2005	E314.0	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	09/15/2005	IM40HG	{ND on all 1} analytes				II	110	120	0	10		
	W69SSA	09/15/2005	IM40MBM	BORON	12	J	UG/L	II	110	120	0	10	600	
	W69SSA	09/15/2005	IM40MBM	CALCIUM	1900	J	UG/L	II	110	120	0	10		
	W69SSA	09/15/2005	IM40MBM	MAGNESIUM	1410	J	UG/L	II	110	120	0	10		
	W69SSA	09/15/2005	IM40MBM	SELENIUM	4.4	J	UG/L	II	110	120	0	10	50	
	W69SSA	09/15/2005	IM40MBM	SODIUM	3870	J	UG/L	II	110	120	0	10	20000	
	W69SSA	09/15/2005	IM40MBM	ZINC	6	J	UG/L	II	110	120	0	10	2000	
	W69SSA	09/15/2005	OC21VM	CHLOROFORM	0.2	J	UG/L	II	110	120	0	10	80	
	W69SSA	09/15/2005	SW8270	{ND on all 77} analytes				II	110	120	0	10		
MW-70M1	W70M1A	10/27/1999	300.0	CHLORIDE (AS CL)	7.8		MG/L	II	257.4	267.4	129	139		
	W70M1A	10/27/1999	300.0	SULFATE (AS SO4)	8.2		MG/L	II	257.4	267.4	129	139		
	W70M1A	10/27/1999	310.1	ALKALINITY, BICARBONATE (AS C	26		MG/L	II	257.4	267.4	129	139		
	W70M1A	10/27/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	26		MG/L	II	257.4	267.4	129	139		
	W70M1A	10/27/1999	365.2	{ND on all 1} analytes				II	257.4	267.4	129	139		
	W70M1A	10/27/1999	504	{ND on all 1} analytes				II	257.4	267.4	129	139		
	W70M1A	10/27/1999	8151	2,4,5-T (TRICHLOROPHENOXYACE	0.14	NJ	UG/L	II	257.4	267.4	129	139	70	
	W70M1A	10/27/1999	350.2M	NITROGEN, AMMONIA (AS N)	0.05	J	MG/L	II	257.4	267.4	129	139	30	
	W70M1A	10/27/1999	353.2M	NITRATE/NITRITE (AS N)	0.2		MG/L	II	257.4	267.4	129	139	10	
	W70M1A	10/27/1999	8021W	{ND on all 1} analytes				II	257.4	267.4	129	139		
	W70M1A	10/27/1999	8330N	{ND on all 18} analytes				II	257.4	267.4	129	139		
	W70M1A	10/27/1999	CYAN	{ND on all 1} analytes				II	257.4	267.4	129	139		
	W70M1A	10/27/1999	IM40HD	{ND on all 1} analytes				II	257.4	267.4	129	139		
	W70M1A	10/27/1999	IM40HG	{ND on all 1} analytes				II	257.4	267.4	129	139		
	W70M1A	10/27/1999	IM40MB	BARIUM	22.5		UG/L	II	257.4	267.4	129	139	2000	
	W70M1A	10/27/1999	IM40MB	BORON	9.1		UG/L	II	257.4	267.4	129	139	600	
	W70M1A	10/27/1999	IM40MB	CALCIUM	6280		UG/L	II	257.4	267.4	129	139		
	W70M1A	10/27/1999	IM40MB	IRON	63.9	J	UG/L	II	257.4	267.4	129	139		
	W70M1A	10/27/1999	IM40MB	MAGNESIUM	2060		UG/L	II	257.4	267.4	129	139		
	W70M1A	10/27/1999	IM40MB	MANGANESE	46.2		UG/L	II	257.4	267.4	129	139		
	W70M1A	10/27/1999	IM40MB	MOLYBDENUM	2.5	J	UG/L	II	257.4	267.4	129	139	40	
	W70M1A	10/27/1999	IM40MB	POTASSIUM	4210		UG/L	II	257.4	267.4	129	139		
	W70M1A	10/27/1999	IM40MB	SODIUM	6630		UG/L	II	257.4	267.4	129	139	20000	
	W70M1A	10/27/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	10		UG/L	II	257.4	267.4	129	139	6	X
	W70M1A	10/27/1999	OC21V	TOLUENE	0.3	J	UG/L	II	257.4	267.4	129	139	1000	
	W70M1A	10/27/1999	OL21P	{ND on all 28} analytes				II	257.4	267.4	129	139		
	W70M1A	10/27/1999	TOC	TOTAL ORGANIC CARBON	0.5		MG/L	II	257.4	267.4	129	139		
	W70M1A	02/09/2000	300.0	CHLORIDE (AS CL)	7.5		MG/L	II	257.4	267.4	129	139		
	W70M1A	02/09/2000	300.0	SULFATE (AS SO4)	6.6		MG/L	II	257.4	267.4	129	139		
	W70M1A	02/09/2000	310.1	ALKALINITY, BICARBONATE (AS C	15		MG/L	II	257.4	267.4	129	139		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W70M1A	02/09/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	15		MG/L	II	257.4	267.4	129	139		
	W70M1A	02/09/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.01		MG/L	II	257.4	267.4	129	139		
	W70M1A	02/09/2000	504	{ND on all 1} analytes				II	257.4	267.4	129	139		
	W70M1A	02/09/2000	8151	{ND on all 17} analytes				II	257.4	267.4	129	139		
	W70M1A	02/09/2000	350.2M	{ND on all 1} analytes				II	257.4	267.4	129	139		
	W70M1A	02/09/2000	353.2M	{ND on all 1} analytes				II	257.4	267.4	129	139		
	W70M1A	02/09/2000	8021W	{ND on all 1} analytes				II	257.4	267.4	129	139		
	W70M1A	02/09/2000	8330N	{ND on all 18} analytes				II	257.4	267.4	129	139		
	W70M1A	02/09/2000	CYAN	{ND on all 1} analytes				II	257.4	267.4	129	139		
	W70M1A	02/09/2000	IM40HD	{ND on all 1} analytes				II	257.4	267.4	129	139		
	W70M1A	02/09/2000	IM40HG	{ND on all 1} analytes				II	257.4	267.4	129	139		
	W70M1A	02/09/2000	IM40MB	BORON	5	J	UG/L	II	257.4	267.4	129	139	600	
	W70M1A	02/09/2000	IM40MB	CALCIUM	4320		UG/L	II	257.4	267.4	129	139		
	W70M1A	02/09/2000	IM40MB	IRON	50.2	J	UG/L	II	257.4	267.4	129	139		
	W70M1A	02/09/2000	IM40MB	MAGNESIUM	1930		UG/L	II	257.4	267.4	129	139		
	W70M1A	02/09/2000	IM40MB	MANGANESE	18		UG/L	II	257.4	267.4	129	139		
	W70M1A	02/09/2000	IM40MB	MOLYBDENUM	2.3	J	UG/L	II	257.4	267.4	129	139	40	
	W70M1A	02/09/2000	IM40MB	POTASSIUM	1160		UG/L	II	257.4	267.4	129	139		
	W70M1A	02/09/2000	IM40MB	SODIUM	6960		UG/L	II	257.4	267.4	129	139	20000	
	W70M1A	02/09/2000	OC21B	{ND on all 64} analytes				II	257.4	267.4	129	139		
	W70M1A	02/09/2000	OC21V	{ND on all 43} analytes				II	257.4	267.4	129	139		
	W70M1A	02/09/2000	OL21P	{ND on all 28} analytes				II	257.4	267.4	129	139		
	W70M1A	02/09/2000	TOC	TOTAL ORGANIC CARBON	0.5		MG/L	II	257.4	267.4	129	139		
	W70M1A	05/02/2000	300.0	CHLORIDE (AS CL)	7.7		MG/L	3	257.4	267.4	129	139		
	W70M1A	05/02/2000	300.0	SULFATE (AS SO4)	5.9		MG/L	3	257.4	267.4	129	139		
	W70M1A	05/02/2000	310.1	ALKALINITY, BICARBONATE (AS C	14		MG/L	3	257.4	267.4	129	139		
	W70M1A	05/02/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	14		MG/L	3	257.4	267.4	129	139		
	W70M1A	05/02/2000	365.2	{ND on all 1} analytes				3	257.4	267.4	129	139		
	W70M1A	05/02/2000	504	{ND on all 1} analytes				3	257.4	267.4	129	139		
	W70M1A	05/02/2000	8151	{ND on all 16} analytes				3	257.4	267.4	129	139		
	W70M1A	05/02/2000	350.2M	{ND on all 1} analytes				3	257.4	267.4	129	139		
	W70M1A	05/02/2000	353.2M	{ND on all 1} analytes				3	257.4	267.4	129	139		
	W70M1A	05/02/2000	8021W	{ND on all 1} analytes				3	257.4	267.4	129	139		
	W70M1A	05/02/2000	8330N	{ND on all 18} analytes				3	257.4	267.4	129	139		
	W70M1A	05/02/2000	CYAN	{ND on all 1} analytes				3	257.4	267.4	129	139		
	W70M1A	05/02/2000	IM40HD	{ND on all 1} analytes				3	257.4	267.4	129	139		
	W70M1A	05/02/2000	IM40HG	{ND on all 1} analytes				3	257.4	267.4	129	139		
	W70M1A	05/02/2000	IM40MB	BORON	4.6	J	UG/L	3	257.4	267.4	129	139	600	
	W70M1A	05/02/2000	IM40MB	CALCIUM	3760		UG/L	3	257.4	267.4	129	139		
	W70M1A	05/02/2000	IM40MB	MAGNESIUM	1790		UG/L	3	257.4	267.4	129	139		
	W70M1A	05/02/2000	IM40MB	MANGANESE	5.9		UG/L	3	257.4	267.4	129	139		
	W70M1A	05/02/2000	IM40MB	POTASSIUM	1170		UG/L	3	257.4	267.4	129	139		
	W70M1A	05/02/2000	IM40MB	SODIUM	6230		UG/L	3	257.4	267.4	129	139	20000	
	W70M1A	05/02/2000	OC21B	{ND on all 64} analytes				3	257.4	267.4	129	139		
	W70M1A	05/02/2000	OC21V	{ND on all 44} analytes				3	257.4	267.4	129	139		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W70M1A	05/02/2000	OL21P	{ND on all 28} analytes				3	257.4	267.4	129	139		
	W70M1A	05/02/2000	TOC	{ND on all 1} analytes				3	257.4	267.4	129	139		
	W70M1A	04/09/2002	E314.0	{ND on all 1} analytes				II	257.4	267.4	129	139		
	W70M1D	04/09/2002	E314.0	{ND on all 1} analytes				II	257.4	267.4	129	139		
MW-70S	W70SSA	10/28/1999	300.0	CHLORIDE (AS CL)	8.2		MG/L	II	132	142	4	14		
	W70SSA	10/28/1999	300.0	SULFATE (AS SO4)	4.4		MG/L	II	132	142	4	14		
	W70SSA	10/28/1999	310.1	ALKALINITY, BICARBONATE (AS C	7		MG/L	II	132	142	4	14		
	W70SSA	10/28/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	7		MG/L	II	132	142	4	14		
	W70SSA	10/28/1999	365.2	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	10/28/1999	504	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	10/28/1999	8151	{ND on all 15} analytes				II	132	142	4	14		
	W70SSA	10/28/1999	350.2M	NITROGEN, AMMONIA (AS N)	0.04	J	MG/L	II	132	142	4	14	30	
	W70SSA	10/28/1999	353.2M	NITRATE/NITRITE (AS N)	0.05		MG/L	II	132	142	4	14	10	
	W70SSA	10/28/1999	8021W	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	10/28/1999	8330N	{ND on all 18} analytes				II	132	142	4	14		
	W70SSA	10/28/1999	CYAN	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	10/28/1999	IM40HD	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	10/28/1999	IM40HG	MERCURY	0.19	J	UG/L	II	132	142	4	14	2	
	W70SSA	10/28/1999	IM40MB	ALUMINUM	1330		UG/L	II	132	142	4	14		
	W70SSA	10/28/1999	IM40MB	BARIUM	46.3		UG/L	II	132	142	4	14	2000	
	W70SSA	10/28/1999	IM40MB	BORON	8.3		UG/L	II	132	142	4	14	600	
	W70SSA	10/28/1999	IM40MB	CALCIUM	2140		UG/L	II	132	142	4	14		
	W70SSA	10/28/1999	IM40MB	CHROMIUM, TOTAL	4.6		UG/L	II	132	142	4	14	100	
	W70SSA	10/28/1999	IM40MB	COBALT	2.6	J	UG/L	II	132	142	4	14		
	W70SSA	10/28/1999	IM40MB	COPPER	12.1	J	UG/L	II	132	142	4	14	1300	
	W70SSA	10/28/1999	IM40MB	IRON	7410		UG/L	II	132	142	4	14		
	W70SSA	10/28/1999	IM40MB	MAGNESIUM	1430		UG/L	II	132	142	4	14		
	W70SSA	10/28/1999	IM40MB	MANGANESE	192		UG/L	II	132	142	4	14		
	W70SSA	10/28/1999	IM40MB	MOLYBDENUM	2	J	UG/L	II	132	142	4	14	40	
	W70SSA	10/28/1999	IM40MB	NICKEL	14.8		UG/L	II	132	142	4	14	100	
	W70SSA	10/28/1999	IM40MB	POTASSIUM	1370		UG/L	II	132	142	4	14		
	W70SSA	10/28/1999	IM40MB	SODIUM	5320		UG/L	II	132	142	4	14	20000	
	W70SSA	10/28/1999	IM40MB	VANADIUM	3.6		UG/L	II	132	142	4	14		
	W70SSA	10/28/1999	IM40MB	ZINC	6.4		UG/L	II	132	142	4	14	2000	
	W70SSA	10/28/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	4	J	UG/L	II	132	142	4	14	6	
	W70SSA	10/28/1999	OC21V	CHLOROFORM	0.7	J	UG/L	II	132	142	4	14	80	
	W70SSA	10/28/1999	OL21P	{ND on all 28} analytes				II	132	142	4	14		
	W70SSA	10/28/1999	TOC	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	02/09/2000	300.0	CHLORIDE (AS CL)	9.2		MG/L	II	132	142	4	14		
	W70SSA	02/09/2000	300.0	SULFATE (AS SO4)	5.4		MG/L	II	132	142	4	14		
	W70SSA	02/09/2000	310.1	ALKALINITY, BICARBONATE (AS C	2		MG/L	II	132	142	4	14		
	W70SSA	02/09/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	2		MG/L	II	132	142	4	14		
	W70SSA	02/09/2000	365.2	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	02/09/2000	504	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	02/09/2000	8151	{ND on all 18} analytes				II	132	142	4	14		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W70SSA	02/09/2000	350.2M	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	02/09/2000	353.2M	NITRATE/NITRITE (AS N)	0.01		MG/L	II	132	142	4	14	10	
	W70SSA	02/09/2000	8021W	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	02/09/2000	8330N	{ND on all 18} analytes				II	132	142	4	14		
	W70SSA	02/09/2000	CYAN	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	02/09/2000	IM40HD	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	02/09/2000	IM40HG	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	02/09/2000	IM40MB	BORON	6.5	J	UG/L	II	132	142	4	14	600	
	W70SSA	02/09/2000	IM40MB	CALCIUM	1540		UG/L	II	132	142	4	14		
	W70SSA	02/09/2000	IM40MB	IRON	23.9	J	UG/L	II	132	142	4	14		
	W70SSA	02/09/2000	IM40MB	MAGNESIUM	1280		UG/L	II	132	142	4	14		
	W70SSA	02/09/2000	IM40MB	MANGANESE	5.7		UG/L	II	132	142	4	14		
	W70SSA	02/09/2000	IM40MB	POTASSIUM	779	J	UG/L	II	132	142	4	14		
	W70SSA	02/09/2000	IM40MB	SODIUM	5840		UG/L	II	132	142	4	14	20000	
	W70SSA	02/09/2000	OC21B	DIETHYL PHTHALATE	140		UG/L	II	132	142	4	14	5000	
	W70SSA	02/09/2000	OC21V	CHLOROFORM	1		UG/L	II	132	142	4	14	80	
	W70SSA	02/09/2000	OL21P	{ND on all 28} analytes				II	132	142	4	14		
	W70SSA	02/09/2000	TOC	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	05/02/2000	300.0	CHLORIDE (AS CL)	8.3		MG/L	3	132	142	4	14		
	W70SSA	05/02/2000	300.0	SULFATE (AS SO4)	5		MG/L	3	132	142	4	14		
	W70SSA	05/02/2000	310.1	ALKALINITY, BICARBONATE (AS C	5		MG/L	3	132	142	4	14		
	W70SSA	05/02/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	5		MG/L	3	132	142	4	14		
	W70SSA	05/02/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.01		MG/L	3	132	142	4	14		
	W70SSA	05/02/2000	504	{ND on all 1} analytes				3	132	142	4	14		
	W70SSA	05/02/2000	8151	{ND on all 16} analytes				3	132	142	4	14		
	W70SSA	05/02/2000	350.2M	{ND on all 1} analytes				3	132	142	4	14		
	W70SSA	05/02/2000	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	3	132	142	4	14	10	
	W70SSA	05/02/2000	8021W	{ND on all 1} analytes				3	132	142	4	14		
	W70SSA	05/02/2000	8330N	{ND on all 18} analytes				3	132	142	4	14		
	W70SSA	05/02/2000	CYAN	{ND on all 1} analytes				3	132	142	4	14		
	W70SSA	05/02/2000	IM40HD	{ND on all 1} analytes				3	132	142	4	14		
	W70SSA	05/02/2000	IM40HG	{ND on all 1} analytes				3	132	142	4	14		
	W70SSA	05/02/2000	IM40MB	BORON	6.5		UG/L	3	132	142	4	14	600	
	W70SSA	05/02/2000	IM40MB	CALCIUM	1240		UG/L	3	132	142	4	14		
	W70SSA	05/02/2000	IM40MB	COPPER	8	J	UG/L	3	132	142	4	14	1300	
	W70SSA	05/02/2000	IM40MB	MAGNESIUM	1090		UG/L	3	132	142	4	14		
	W70SSA	05/02/2000	IM40MB	MANGANESE	2.4		UG/L	3	132	142	4	14		
	W70SSA	05/02/2000	IM40MB	POTASSIUM	850		UG/L	3	132	142	4	14		
	W70SSA	05/02/2000	IM40MB	SODIUM	5410		UG/L	3	132	142	4	14	20000	
	W70SSA	05/02/2000	OC21B	{ND on all 64} analytes				3	132	142	4	14		
	W70SSA	05/02/2000	OC21V	CHLOROFORM	0.9	J	UG/L	3	132	142	4	14	80	
	W70SSA	05/02/2000	OL21P	{ND on all 28} analytes				3	132	142	4	14		
	W70SSA	05/02/2000	TOC	{ND on all 1} analytes				3	132	142	4	14		
	W70SSA	08/29/2000	300.0	CHLORIDE (AS CL)	9.7		MG/L	II	132	142	4	14		
	W70SSA	08/29/2000	300.0	SULFATE (AS SO4)	4.9		MG/L	II	132	142	4	14		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W70SSA	08/29/2000	310.1	{ND on all 4} analytes				II	132	142	4	14		
	W70SSA	08/29/2000	365.2	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	08/29/2000	504	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	08/29/2000	8151	{ND on all 17} analytes				II	132	142	4	14		
	W70SSA	08/29/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.05	J	MG/L	II	132	142	4	14	30	
	W70SSA	08/29/2000	353.2M	NITRATE/NITRITE (AS N)	0.04		MG/L	II	132	142	4	14	10	
	W70SSA	08/29/2000	8021W	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	08/29/2000	8330N	{ND on all 19} analytes				II	132	142	4	14		
	W70SSA	08/29/2000	CYAN	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	08/29/2000	E314.0	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	08/29/2000	IM40HD	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	08/29/2000	IM40HG	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	08/29/2000	IM40MB	CALCIUM	1470		UG/L	II	132	142	4	14		
	W70SSA	08/29/2000	IM40MB	CHROMIUM, TOTAL	1.2	J	UG/L	II	132	142	4	14	100	
	W70SSA	08/29/2000	IM40MB	COPPER	26.7	J	UG/L	II	132	142	4	14	1300	
	W70SSA	08/29/2000	IM40MB	MAGNESIUM	1380		UG/L	II	132	142	4	14		
	W70SSA	08/29/2000	IM40MB	MANGANESE	2.8		UG/L	II	132	142	4	14		
	W70SSA	08/29/2000	IM40MB	POTASSIUM	752		UG/L	II	132	142	4	14		
	W70SSA	08/29/2000	IM40MB	SODIUM	6130		UG/L	II	132	142	4	14	20000	
	W70SSA	08/29/2000	OC21V	CHLOROFORM	0.6	J	UG/L	II	132	142	4	14	80	
	W70SSA	08/29/2000	OL21P	{ND on all 28} analytes				II	132	142	4	14		
	W70SSA	08/29/2000	SW8270	{ND on all 77} analytes				II	132	142	4	14		
	W70SSA	08/29/2000	TOC	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	12/19/2000	SW8270	{ND on all 77} analytes				II	132	142	4	14		
	W70SSA	05/14/2001	SW8270	{ND on all 78} analytes				II	132	142	4	14		
	W70SSA	08/14/2001	8151	PENTACHLOROPHENOL	0.18	J	UG/L	II	132	142	4	14	1	
	W70SSA	08/14/2001	8330N	{ND on all 19} analytes				II	132	142	4	14		
	W70SSA	08/14/2001	E314.0	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	08/14/2001	ILSBTL	{ND on all 2} analytes				3	132	142	4	14		
	W70SSA	08/14/2001	IM40HD	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	08/14/2001	IM40HG	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	08/14/2001	IM40MB	BARIUM	4.8	J	UG/L	II	132	142	4	14	2000	
	W70SSA	08/14/2001	IM40MB	BORON	9.1		UG/L	II	132	142	4	14	600	
	W70SSA	08/14/2001	IM40MB	CALCIUM	1570		UG/L	II	132	142	4	14		
	W70SSA	08/14/2001	IM40MB	MAGNESIUM	1330		UG/L	II	132	142	4	14		
	W70SSA	08/14/2001	IM40MB	POTASSIUM	855		UG/L	II	132	142	4	14		
	W70SSA	08/14/2001	IM40MB	SODIUM	7280		UG/L	II	132	142	4	14	20000	
	W70SSA	08/14/2001	OC21V	CHLOROFORM	0.3	J	UG/L	II	132	142	4	14	80	
	W70SSA	08/14/2001	OL21P	{ND on all 28} analytes				II	132	142	4	14		
	W70SSA	08/14/2001	SW8270	{ND on all 77} analytes				II	132	142	4	14		
	W70SSA	01/02/2002	SW8270	BENZOIC ACID	2.4	J	UG/L	II	132	142	4	14		
	W70SSA	03/18/2002	E314.0	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	10/07/2002	8151	{ND on all 18} analytes				II	132	142	4	14		
	W70SSA	10/07/2002	8330N	{ND on all 19} analytes				II	132	142	4	14		
	W70SSA	10/07/2002	E314.0	{ND on all 1} analytes				II	132	142	4	14		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W70SSA	10/07/2002	ILSBTL	{ND on all 2} analytes				3	132	142	4	14		
	W70SSA	10/07/2002	IM40HD	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	10/07/2002	IM40HG	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	10/07/2002	IM40MB	CALCIUM	1870		UG/L	II	132	142	4	14		
	W70SSA	10/07/2002	IM40MB	MAGNESIUM	1510		UG/L	II	132	142	4	14		
	W70SSA	10/07/2002	IM40MB	MANGANESE	1.7		UG/L	II	132	142	4	14		
	W70SSA	10/07/2002	IM40MB	POTASSIUM	655		UG/L	II	132	142	4	14		
	W70SSA	10/07/2002	IM40MB	SODIUM	6080		UG/L	II	132	142	4	14	20000	
	W70SSA	10/07/2002	IM40MB	ZINC	5.4	J	UG/L	II	132	142	4	14	2000	
	W70SSA	10/07/2002	OC21V	CHLOROFORM	0.2	J	UG/L	II	132	142	4	14	80	
	W70SSA	10/07/2002	OC21V	CHLOROMETHANE	0.7	J	UG/L	II	132	142	4	14	30	
	W70SSA	10/07/2002	SW8270	DIETHYL PHTHALATE	0.25	J	UG/L	II	132	142	4	14	5000	
	W70SSA	11/19/2003	8151	{ND on all 18} analytes				II	132	142	4	14		
	W70SSA	11/19/2003	6020SB	{ND on all 2} analytes				II	132	142	4	14		
	W70SSA	11/19/2003	8330N	{ND on all 19} analytes				II	132	142	4	14		
	W70SSA	11/19/2003	E314.0	{ND on all 1} analytes				3	132	142	4	14		
	W70SSA	11/19/2003	IM40HD	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	11/19/2003	IM40HG	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	11/19/2003	IM40MB	BORON	9.6		UG/L	II	132	142	4	14	600	
	W70SSA	11/19/2003	IM40MB	CALCIUM	1640		UG/L	II	132	142	4	14		
	W70SSA	11/19/2003	IM40MB	IRON	34.4	J	UG/L	II	132	142	4	14		
	W70SSA	11/19/2003	IM40MB	MAGNESIUM	1400		UG/L	II	132	142	4	14		
	W70SSA	11/19/2003	IM40MB	MANGANESE	6.9		UG/L	II	132	142	4	14		
	W70SSA	11/19/2003	IM40MB	SODIUM	7160	J	UG/L	II	132	142	4	14	20000	
	W70SSA	11/19/2003	OC21V	CHLOROFORM	0.4	J	UG/L	II	132	142	4	14	80	
	W70SSA	11/19/2003	OC21V	TOLUENE	10		UG/L	II	132	142	4	14	1000	
	W70SSA	11/19/2003	SW8270	{ND on all 77} analytes				II	132	142	4	14		
	W70SSA	09/17/2004	6020SB	{ND on all 2} analytes				II	132	142	4	14		
	W70SSA	09/17/2004	8330N	{ND on all 19} analytes				II	132	142	4	14		
	W70SSA	09/17/2004	E314.0	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	09/17/2004	IM40HD	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	09/17/2004	IM40HG	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	09/17/2004	IM40MBM	BARIUM	6.6	J	UG/L	II	132	142	4	14	2000	
	W70SSA	09/17/2004	IM40MBM	CALCIUM	1830		UG/L	II	132	142	4	14		
	W70SSA	09/17/2004	IM40MBM	IRON	82.7	J	UG/L	II	132	142	4	14		
	W70SSA	09/17/2004	IM40MBM	MAGNESIUM	1500		UG/L	II	132	142	4	14		
	W70SSA	09/17/2004	IM40MBM	MANGANESE	4.9		UG/L	II	132	142	4	14		
	W70SSA	09/17/2004	IM40MBM	SODIUM	7420		UG/L	II	132	142	4	14	20000	
	W70SSA	09/17/2004	OC21VM	CHLOROFORM	0.3	J	UG/L	II	132	142	4	14	80	
	W70SSA	09/17/2004	SW8270	{ND on all 77} analytes				II	132	142	4	14		
	W70SSA	03/21/2005	E314.0	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	06/09/2005	E314.0	{ND on all 1} analytes				II	132	142	4	14		
	W70SSD	10/17/2005	6020SB	{ND on all 2} analytes				II	132	142	4	14		
	W70SSA	10/17/2005	6020SB	THALLIUM	0.13	J	UG/L	II	132	142	4	14	2	
	W70SSA	10/17/2005	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	0.3	J	UG/L	II	132	142	4	14	2	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W70SSD	10/17/2005	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5	0.26	J	UG/L	II	132	142	4	14	2	
	W70SSA	10/17/2005	E314.0	{ND on all 1} analytes				II	132	142	4	14		
	W70SSD	10/17/2005	E314.0	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	10/17/2005	IM40HG	{ND on all 1} analytes				II	132	142	4	14		
	W70SSD	10/17/2005	IM40HG	{ND on all 1} analytes				II	132	142	4	14		
	W70SSA	10/17/2005	IM40MBM	POTASSIUM	763	J	UG/L	II	132	142	4	14		
	W70SSA	10/17/2005	IM40MBM	SODIUM	6840		UG/L	II	132	142	4	14	20000	
	W70SSD	10/17/2005	IM40MBM	SODIUM	6830		UG/L	II	132	142	4	14	20000	
	W70SSA	10/17/2005	OC21VM	CHLOROFORM	0.5	J	UG/L	II	132	142	4	14	80	
	W70SSD	10/17/2005	OC21VM	CHLOROFORM	0.5	J	UG/L	II	132	142	4	14	80	
	W70SSA	10/17/2005	SW8270	{ND on all 76} analytes				II	132	142	4	14		
	W70SSD	10/17/2005	SW8270	{ND on all 76} analytes				II	132	142	4	14		
	W70SSA	01/26/2006	E314.0	{ND on all 1} analytes				II	132	142	4	14		
MW-71M1	W71M1A	10/29/1999	300.0	CHLORIDE (AS CL)	6.8		MG/L	II	180	190	22	32		
	W71M1A	10/29/1999	300.0	SULFATE (AS SO4)	5.4		MG/L	II	180	190	22	32		
	W71M1A	10/29/1999	310.1	ALKALINITY, BICARBONATE (AS C	3		MG/L	II	180	190	22	32		
	W71M1A	10/29/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	3		MG/L	II	180	190	22	32		
	W71M1A	10/29/1999	365.2	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	10/29/1999	504	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	10/29/1999	8151	{ND on all 15} analytes				II	180	190	22	32		
	W71M1A	10/29/1999	350.2M	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	10/29/1999	353.2M	NITRATE/NITRITE (AS N)	0.06		MG/L	II	180	190	22	32	10	
	W71M1A	10/29/1999	8021W	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	10/29/1999	8330N	{ND on all 18} analytes				II	180	190	22	32		
	W71M1A	10/29/1999	CYAN	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	10/29/1999	IM40HD	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	10/29/1999	IM40HG	MERCURY	0.11	J	UG/L	II	180	190	22	32	2	
	W71M1A	10/29/1999	IM40MB	BARIUM	5.8	J	UG/L	II	180	190	22	32	2000	
	W71M1A	10/29/1999	IM40MB	BORON	7.9		UG/L	II	180	190	22	32	600	
	W71M1A	10/29/1999	IM40MB	CALCIUM	1280		UG/L	II	180	190	22	32		
	W71M1A	10/29/1999	IM40MB	MAGNESIUM	997		UG/L	II	180	190	22	32		
	W71M1A	10/29/1999	IM40MB	MANGANESE	132		UG/L	II	180	190	22	32		
	W71M1A	10/29/1999	IM40MB	POTASSIUM	901		UG/L	II	180	190	22	32		
	W71M1A	10/29/1999	IM40MB	SODIUM	5060		UG/L	II	180	190	22	32	20000	
	W71M1A	10/29/1999	IM40MB	ZINC	6.4		UG/L	II	180	190	22	32	2000	
	W71M1A	10/29/1999	OC21B	{ND on all 64} analytes				II	180	190	22	32		
	W71M1A	10/29/1999	OC21V	CHLOROFORM	2		UG/L	II	180	190	22	32	80	
	W71M1A	10/29/1999	OL21P	{ND on all 28} analytes				II	180	190	22	32		
	W71M1A	10/29/1999	TOC	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	02/08/2000	300.0	CHLORIDE (AS CL)	5.6		MG/L	II	180	190	22	32		
	W71M1A	02/08/2000	300.0	SULFATE (AS SO4)	6.1		MG/L	II	180	190	22	32		
	W71M1A	02/08/2000	310.1	ALKALINITY, BICARBONATE (AS C	3		MG/L	II	180	190	22	32		
	W71M1A	02/08/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	3		MG/L	II	180	190	22	32		
	W71M1A	02/08/2000	365.2	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	02/08/2000	504	{ND on all 1} analytes				II	180	190	22	32		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W71M1A	02/08/2000	8151	{ND on all 18} analytes				II	180	190	22	32		
	W71M1A	02/08/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.03	J	MG/L	II	180	190	22	32	30	
	W71M1A	02/08/2000	353.2M	NITRATE/NITRITE (AS N)	0.03		MG/L	II	180	190	22	32	10	
	W71M1A	02/08/2000	8021W	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	02/08/2000	8330N	{ND on all 18} analytes				II	180	190	22	32		
	W71M1A	02/08/2000	CYAN	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	02/08/2000	IM40HD	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	02/08/2000	IM40HG	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	02/08/2000	IM40MB	BORON	7.1		UG/L	II	180	190	22	32	600	
	W71M1A	02/08/2000	IM40MB	CALCIUM	1030		UG/L	II	180	190	22	32		
	W71M1A	02/08/2000	IM40MB	MAGNESIUM	994		UG/L	II	180	190	22	32		
	W71M1A	02/08/2000	IM40MB	MANGANESE	12.3		UG/L	II	180	190	22	32		
	W71M1A	02/08/2000	IM40MB	SODIUM	5340		UG/L	II	180	190	22	32	20000	
	W71M1A	02/08/2000	OC21B	{ND on all 64} analytes				II	180	190	22	32		
	W71M1A	02/08/2000	OC21V	CHLOROFORM	0.7	J	UG/L	II	180	190	22	32	80	
	W71M1A	02/08/2000	OL21P	{ND on all 28} analytes				II	180	190	22	32		
	W71M1A	02/08/2000	TOC	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	05/04/2000	300.0	CHLORIDE (AS CL)	5.6		MG/L	II	180	190	22	32		
	W71M1A	05/04/2000	300.0	SULFATE (AS SO4)	5.7		MG/L	II	180	190	22	32		
	W71M1A	05/04/2000	310.1	ALKALINITY, BICARBONATE (AS C	1		MG/L	II	180	190	22	32		
	W71M1A	05/04/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	1		MG/L	II	180	190	22	32		
	W71M1A	05/04/2000	365.2	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	05/04/2000	504	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	05/04/2000	8151	{ND on all 16} analytes				II	180	190	22	32		
	W71M1A	05/04/2000	350.2M	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	05/04/2000	353.2M	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	05/04/2000	8021W	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	05/04/2000	8330N	{ND on all 18} analytes				II	180	190	22	32		
	W71M1A	05/04/2000	CYAN	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	05/04/2000	IM40HD	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	05/04/2000	IM40HG	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	05/04/2000	IM40MB	BORON	6.8		UG/L	II	180	190	22	32	600	
	W71M1A	05/04/2000	IM40MB	CALCIUM	932		UG/L	II	180	190	22	32		
	W71M1A	05/04/2000	IM40MB	COPPER	2.8	J	UG/L	II	180	190	22	32	1300	
	W71M1A	05/04/2000	IM40MB	MAGNESIUM	950		UG/L	II	180	190	22	32		
	W71M1A	05/04/2000	IM40MB	MANGANESE	3.3		UG/L	II	180	190	22	32		
	W71M1A	05/04/2000	IM40MB	POTASSIUM	826		UG/L	II	180	190	22	32		
	W71M1A	05/04/2000	IM40MB	SODIUM	4480		UG/L	II	180	190	22	32	20000	
	W71M1A	05/04/2000	OC21B	{ND on all 64} analytes				II	180	190	22	32		
	W71M1A	05/04/2000	OC21V	CHLOROFORM	0.5	J	UG/L	II	180	190	22	32	80	
	W71M1A	05/04/2000	OL21P	{ND on all 28} analytes				II	180	190	22	32		
	W71M1A	05/04/2000	TOC	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	08/30/2000	300.0	CHLORIDE (AS CL)	5.2		MG/L	II	180	190	22	32		
	W71M1A	08/30/2000	300.0	SULFATE (AS SO4)	6.2		MG/L	II	180	190	22	32		
	W71M1A	08/30/2000	310.1	{ND on all 4} analytes				II	180	190	22	32		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W71M1A	08/30/2000	365.2	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	08/30/2000	504	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	08/30/2000	8151	{ND on all 17} analytes				II	180	190	22	32		
	W71M1A	08/30/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.06	J	MG/L	II	180	190	22	32	30	
	W71M1A	08/30/2000	353.2M	NITRATE/NITRITE (AS N)	0.03		MG/L	II	180	190	22	32	10	
	W71M1A	08/30/2000	8021W	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	08/30/2000	8330N	{ND on all 19} analytes				II	180	190	22	32		
	W71M1A	08/30/2000	CYAN	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	08/30/2000	E314.0	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	08/30/2000	IM40HD	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	08/30/2000	IM40HG	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	08/30/2000	IM40MB	CALCIUM	938		UG/L	II	180	190	22	32		
	W71M1A	08/30/2000	IM40MB	MAGNESIUM	958		UG/L	II	180	190	22	32		
	W71M1A	08/30/2000	IM40MB	MANGANESE	2.5		UG/L	II	180	190	22	32		
	W71M1A	08/30/2000	IM40MB	POTASSIUM	657		UG/L	II	180	190	22	32		
	W71M1A	08/30/2000	IM40MB	SELENIUM	3.3	J	UG/L	II	180	190	22	32	50	
	W71M1A	08/30/2000	IM40MB	SODIUM	4670		UG/L	II	180	190	22	32	20000	
	W71M1A	08/30/2000	IM40MB	ZINC	2.7	J	UG/L	II	180	190	22	32	2000	
	W71M1A	08/30/2000	OC21V	CHLOROFORM	0.6	J	UG/L	II	180	190	22	32	80	
	W71M1A	08/30/2000	OL21P	{ND on all 28} analytes				II	180	190	22	32		
	W71M1A	08/30/2000	SW8270	{ND on all 77} analytes				II	180	190	22	32		
	W71M1A	08/30/2000	TOC	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	08/28/2001	8151	{ND on all 18} analytes				II	180	190	22	32		
	W71M1D	08/28/2001	8151	{ND on all 18} analytes				II	180	190	22	32		
	W71M1A	08/28/2001	8330N	{ND on all 19} analytes				II	180	190	22	32		
	W71M1D	08/28/2001	8330N	{ND on all 19} analytes				II	180	190	22	32		
	W71M1A	08/28/2001	E314.0	{ND on all 1} analytes				II	180	190	22	32		
	W71M1D	08/28/2001	E314.0	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	08/28/2001	IM40HD	{ND on all 1} analytes				II	180	190	22	32		
	W71M1D	08/28/2001	IM40HD	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	08/28/2001	IM40HG	{ND on all 1} analytes				II	180	190	22	32		
	W71M1D	08/28/2001	IM40HG	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	08/28/2001	IM40MB	BARIUM	4.5	J	UG/L	II	180	190	22	32	2000	
	W71M1D	08/28/2001	IM40MB	BARIUM	4.5	J	UG/L	II	180	190	22	32	2000	
	W71M1A	08/28/2001	IM40MB	BORON	7.3		UG/L	II	180	190	22	32	600	
	W71M1D	08/28/2001	IM40MB	BORON	7.5		UG/L	II	180	190	22	32	600	
	W71M1A	08/28/2001	IM40MB	CALCIUM	955		UG/L	II	180	190	22	32		
	W71M1D	08/28/2001	IM40MB	CALCIUM	959		UG/L	II	180	190	22	32		
	W71M1A	08/28/2001	IM40MB	COPPER	5.1	J	UG/L	II	180	190	22	32	1300	
	W71M1A	08/28/2001	IM40MB	IRON	26.1	J	UG/L	II	180	190	22	32		
	W71M1A	08/28/2001	IM40MB	MAGNESIUM	944		UG/L	II	180	190	22	32		
	W71M1D	08/28/2001	IM40MB	MAGNESIUM	954		UG/L	II	180	190	22	32		
	W71M1A	08/28/2001	IM40MB	MANGANESE	1.2	J	UG/L	II	180	190	22	32		
	W71M1A	08/28/2001	IM40MB	POTASSIUM	536		UG/L	II	180	190	22	32		
	W71M1D	08/28/2001	IM40MB	POTASSIUM	545		UG/L	II	180	190	22	32		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W71M1A	08/28/2001	IM40MB	SODIUM	4520		UG/L	II	180	190	22	32	20000	
	W71M1D	08/28/2001	IM40MB	SODIUM	4540		UG/L	II	180	190	22	32	20000	
	W71M1A	08/28/2001	IM40MB	ZINC	1.8	J	UG/L	II	180	190	22	32	2000	
	W71M1D	08/28/2001	IM40MB	ZINC	1.7	J	UG/L	II	180	190	22	32	2000	
	W71M1A	08/28/2001	OC21V	CHLOROFORM	0.9	J	UG/L	II	180	190	22	32	80	
	W71M1D	08/28/2001	OC21V	CHLOROFORM	0.9	J	UG/L	II	180	190	22	32	80	
	W71M1A	08/28/2001	OL21P	{ND on all 28} analytes				II	180	190	22	32		
	W71M1D	08/28/2001	OL21P	{ND on all 28} analytes				II	180	190	22	32		
	W71M1A	08/28/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.43	J	UG/L	II	180	190	22	32	6	
	W71M1D	08/28/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.34	J	UG/L	II	180	190	22	32	6	
	W71M1A	03/18/2002	E314.0	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	04/15/2002	E314.0	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	10/07/2002	8151	{ND on all 18} analytes				II	180	190	22	32		
	W71M1A	10/07/2002	8330N	{ND on all 19} analytes				II	180	190	22	32		
	W71M1A	10/07/2002	E314.0	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	10/07/2002	ILSBTL	{ND on all 2} analytes				3	180	190	22	32		
	W71M1A	10/07/2002	IM40HD	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	10/07/2002	IM40HG	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	10/07/2002	IM40MB	CALCIUM	1190		UG/L	II	180	190	22	32		
	W71M1A	10/07/2002	IM40MB	MAGNESIUM	1200		UG/L	II	180	190	22	32		
	W71M1A	10/07/2002	IM40MB	MANGANESE	1.4		UG/L	II	180	190	22	32		
	W71M1A	10/07/2002	IM40MB	POTASSIUM	539		UG/L	II	180	190	22	32		
	W71M1A	10/07/2002	IM40MB	SODIUM	4720		UG/L	II	180	190	22	32	20000	
	W71M1A	10/07/2002	OC21V	CHLOROFORM	1		UG/L	II	180	190	22	32	80	
	W71M1A	10/07/2002	OC21V	CHLOROMETHANE	0.7	J	UG/L	II	180	190	22	32	30	
	W71M1A	10/07/2002	SW8270	{ND on all 78} analytes				II	180	190	22	32		
	W71M1A	06/11/2003	8330N	{ND on all 19} analytes				II	180	190	22	32		
	W71M1A	06/11/2003	E314.0	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	06/11/2003	SW8270	{ND on all 78} analytes				II	180	190	22	32		
	W71M1A	11/18/2003	8151	{ND on all 18} analytes				II	180	190	22	32		
	W71M1A	11/18/2003	6020SB	{ND on all 2} analytes				II	180	190	22	32		
	W71M1A	11/18/2003	IM40HD	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	11/18/2003	IM40HG	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	11/18/2003	IM40MB	BORON	9.3		UG/L	II	180	190	22	32	600	
	W71M1A	11/18/2003	IM40MB	CALCIUM	890		UG/L	II	180	190	22	32		
	W71M1A	11/18/2003	IM40MB	COPPER	232		UG/L	II	180	190	22	32	1300	
	W71M1A	11/18/2003	IM40MB	LEAD	10.6		UG/L	II	180	190	22	32	15	
	W71M1A	11/18/2003	IM40MB	MAGNESIUM	857		UG/L	II	180	190	22	32		
	W71M1A	11/18/2003	IM40MB	SODIUM	4000	J	UG/L	II	180	190	22	32	20000	
	W71M1A	11/18/2003	OC21V	CHLOROFORM	0.8	J	UG/L	II	180	190	22	32	80	
	W71M1A	09/29/2004	6020SB	{ND on all 2} analytes				II	180	190	22	32		
	W71M1A	09/29/2004	8330N	{ND on all 19} analytes				II	180	190	22	32		
	W71M1A	09/29/2004	E314.0	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	09/29/2004	IM40HD	{ND on all 1} analytes				II	180	190	22	32		
	W71M1A	09/29/2004	IM40HG	{ND on all 1} analytes				II	180	190	22	32		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W71M1A	09/29/2004	IM40MBM	BORON	8.9	J	UG/L	II	180	190	22	32	600	
	W71M1A	09/29/2004	IM40MBM	CALCIUM	1150		UG/L	II	180	190	22	32		
	W71M1A	09/29/2004	IM40MBM	MAGNESIUM	1110		UG/L	II	180	190	22	32		
	W71M1A	09/29/2004	IM40MBM	POTASSIUM	793	J	UG/L	II	180	190	22	32		
	W71M1A	09/29/2004	IM40MBM	SODIUM	4930		UG/L	II	180	190	22	32	20000	
	W71M1A	09/29/2004	OC21VM	CHLOROFORM	2		UG/L	II	180	190	22	32	80	
	W71M1A	09/29/2004	SW8270	{ND on all 77} analytes				II	180	190	22	32		
	W71M1A	11/09/2005	6020SB	{ND on all 2} analytes				3	180	190	22	32		
	W71M1A	11/09/2005	8330N	{ND on all 19} analytes				3	180	190	22	32		
	W71M1A	11/09/2005	E314.0	{ND on all 1} analytes				3	180	190	22	32		
	W71M1A	11/09/2005	IM40HG	{ND on all 1} analytes				3	180	190	22	32		
	W71M1A	11/09/2005	IM40MBM	MAGNESIUM	873	J	UG/L	3	180	190	22	32		
	W71M1A	11/09/2005	IM40MBM	POTASSIUM	778	J	UG/L	3	180	190	22	32		
	W71M1A	11/09/2005	IM40MBM	SODIUM	4010	J	UG/L	3	180	190	22	32	20000	
	W71M1A	11/09/2005	IM40MBM	ZINC	5.6	J	UG/L	3	180	190	22	32	2000	
	W71M1A	11/09/2005	OC21VM	CHLOROFORM	0.7	J	UG/L	3	180	190	22	32	80	
	W71M1A	11/09/2005	SW8270	{ND on all 76} analytes				3	180	190	22	32		
MW-71S	W71SSA	10/28/1999	300.0	CHLORIDE (AS CL)	6.7		MG/L	II	158	168	0	10		
	W71SSA	10/28/1999	300.0	SULFATE (AS SO4)	5.6		MG/L	II	158	168	0	10		
	W71SSA	10/28/1999	310.1	ALKALINITY, BICARBONATE (AS C	5		MG/L	II	158	168	0	10		
	W71SSA	10/28/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	5		MG/L	II	158	168	0	10		
	W71SSA	10/28/1999	365.2	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	10/28/1999	504	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	10/28/1999	8151	2,4 DB	1.1	J	UG/L	II	158	168	0	10		
	W71SSA	10/28/1999	8151	2,4,5-T (TRICHLOROPHENOXYACE	0.22	J	UG/L	II	158	168	0	10	70	
	W71SSA	10/28/1999	350.2M	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	10/28/1999	353.2M	NITRATE/NITRITE (AS N)	0.01		MG/L	II	158	168	0	10	10	
	W71SSA	10/28/1999	8021W	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	10/28/1999	8330N	{ND on all 18} analytes				II	158	168	0	10		
	W71SSA	10/28/1999	CYAN	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	10/28/1999	IM40HD	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	10/28/1999	IM40HG	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	10/28/1999	IM40MB	BORON	8.2		UG/L	II	158	168	0	10	600	
	W71SSA	10/28/1999	IM40MB	CALCIUM	1150		UG/L	II	158	168	0	10		
	W71SSA	10/28/1999	IM40MB	MAGNESIUM	1020		UG/L	II	158	168	0	10		
	W71SSA	10/28/1999	IM40MB	MANGANESE	219		UG/L	II	158	168	0	10		
	W71SSA	10/28/1999	IM40MB	MOLYBDENUM	1.9	J	UG/L	II	158	168	0	10	40	
	W71SSA	10/28/1999	IM40MB	POTASSIUM	704		UG/L	II	158	168	0	10		
	W71SSA	10/28/1999	IM40MB	SODIUM	5820		UG/L	II	158	168	0	10	20000	
	W71SSA	10/28/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	3	J	UG/L	II	158	168	0	10	6	
	W71SSA	10/28/1999	OC21V	CHLOROFORM	1		UG/L	II	158	168	0	10	80	
	W71SSA	10/28/1999	OL21P	{ND on all 28} analytes				II	158	168	0	10		
	W71SSA	10/28/1999	TOC	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	02/09/2000	300.0	CHLORIDE (AS CL)	6.9		MG/L	II	158	168	0	10		
	W71SSD	02/09/2000	300.0	CHLORIDE (AS CL)	6.8		MG/L	II	158	168	0	10		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W71SSA	02/09/2000	300.0	SULFATE (AS SO4)	6		MG/L	II	158	168	0	10		
	W71SSD	02/09/2000	300.0	SULFATE (AS SO4)	5.9		MG/L	II	158	168	0	10		
	W71SSA	02/09/2000	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	158	168	0	10		
	W71SSD	02/09/2000	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	158	168	0	10		
	W71SSA	02/09/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	158	168	0	10		
	W71SSD	02/09/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	158	168	0	10		
	W71SSD	02/09/2000	365.2	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	02/09/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.01		MG/L	II	158	168	0	10		
	W71SSA	02/09/2000	504	{ND on all 1} analytes				II	158	168	0	10		
	W71SSD	02/09/2000	504	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	02/09/2000	8151	{ND on all 18} analytes				II	158	168	0	10		
	W71SSD	02/09/2000	8151	{ND on all 18} analytes				II	158	168	0	10		
	W71SSA	02/09/2000	350.2M	{ND on all 1} analytes				II	158	168	0	10		
	W71SSD	02/09/2000	350.2M	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	02/09/2000	353.2M	{ND on all 1} analytes				II	158	168	0	10		
	W71SSD	02/09/2000	353.2M	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	02/09/2000	8021W	{ND on all 1} analytes				II	158	168	0	10		
	W71SSD	02/09/2000	8021W	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	02/09/2000	8330N	{ND on all 18} analytes				II	158	168	0	10		
	W71SSD	02/09/2000	8330N	{ND on all 18} analytes				II	158	168	0	10		
	W71SSA	02/09/2000	CYAN	{ND on all 1} analytes				II	158	168	0	10		
	W71SSD	02/09/2000	CYAN	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	02/09/2000	IM40HD	{ND on all 1} analytes				II	158	168	0	10		
	W71SSD	02/09/2000	IM40HD	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	02/09/2000	IM40HG	{ND on all 1} analytes				II	158	168	0	10		
	W71SSD	02/09/2000	IM40HG	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	02/09/2000	IM40MB	BORON	8.1		UG/L	II	158	168	0	10	600	
	W71SSD	02/09/2000	IM40MB	BORON	7.8		UG/L	II	158	168	0	10	600	
	W71SSA	02/09/2000	IM40MB	CALCIUM	1130		UG/L	II	158	168	0	10		
	W71SSD	02/09/2000	IM40MB	CALCIUM	1090		UG/L	II	158	168	0	10		
	W71SSD	02/09/2000	IM40MB	IRON	28.2	J	UG/L	II	158	168	0	10		
	W71SSA	02/09/2000	IM40MB	MAGNESIUM	1070		UG/L	II	158	168	0	10		
	W71SSD	02/09/2000	IM40MB	MAGNESIUM	1110		UG/L	II	158	168	0	10		
	W71SSA	02/09/2000	IM40MB	MANGANESE	16.4		UG/L	II	158	168	0	10		
	W71SSD	02/09/2000	IM40MB	MANGANESE	14.8		UG/L	II	158	168	0	10		
	W71SSD	02/09/2000	IM40MB	MOLYBDENUM	2.3	J	UG/L	II	158	168	0	10	40	
	W71SSA	02/09/2000	IM40MB	POTASSIUM	578	J	UG/L	II	158	168	0	10		
	W71SSA	02/09/2000	IM40MB	SODIUM	6110		UG/L	II	158	168	0	10	20000	
	W71SSD	02/09/2000	IM40MB	SODIUM	6000		UG/L	II	158	168	0	10	20000	
	W71SSA	02/09/2000	OC21B	{ND on all 64} analytes				II	158	168	0	10		
	W71SSD	02/09/2000	OC21B	{ND on all 64} analytes				II	158	168	0	10		
	W71SSA	02/09/2000	OC21V	CHLOROFORM	1		UG/L	II	158	168	0	10	80	
	W71SSD	02/09/2000	OC21V	CHLOROFORM	1		UG/L	II	158	168	0	10	80	
	W71SSA	02/09/2000	OL21P	{ND on all 28} analytes				II	158	168	0	10		
	W71SSD	02/09/2000	OL21P	{ND on all 28} analytes				II	158	168	0	10		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W71SSA	02/09/2000	TOC	{ND on all 1} analytes				II	158	168	0	10		
	W71SSD	02/09/2000	TOC	TOTAL ORGANIC CARBON	0.5		MG/L	II	158	168	0	10		
	W71SSA	05/04/2000	300.0	CHLORIDE (AS CL)	6.9		MG/L	II	158	168	0	10		
	W71SSA	05/04/2000	300.0	SULFATE (AS SO4)	5.5		MG/L	II	158	168	0	10		
	W71SSA	05/04/2000	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	158	168	0	10		
	W71SSA	05/04/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	158	168	0	10		
	W71SSA	05/04/2000	365.2	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	05/04/2000	504	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	05/04/2000	8151	{ND on all 17} analytes				II	158	168	0	10		
	W71SSA	05/04/2000	350.2M	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	05/04/2000	353.2M	NITRATE/NITRITE (AS N)	0.01		MG/L	II	158	168	0	10	10	
	W71SSA	05/04/2000	8021W	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	05/04/2000	8330N	{ND on all 18} analytes				II	158	168	0	10		
	W71SSA	05/04/2000	CYAN	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	05/04/2000	IM40HD	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	05/04/2000	IM40HG	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	05/04/2000	IM40MB	BORON	8.5		UG/L	II	158	168	0	10	600	
	W71SSA	05/04/2000	IM40MB	CALCIUM	1150		UG/L	II	158	168	0	10		
	W71SSA	05/04/2000	IM40MB	MAGNESIUM	1080		UG/L	II	158	168	0	10		
	W71SSA	05/04/2000	IM40MB	MANGANESE	4.6		UG/L	II	158	168	0	10		
	W71SSA	05/04/2000	IM40MB	POTASSIUM	773		UG/L	II	158	168	0	10		
	W71SSA	05/04/2000	IM40MB	SODIUM	5560		UG/L	II	158	168	0	10	20000	
	W71SSA	05/04/2000	OC21B	{ND on all 64} analytes				II	158	168	0	10		
	W71SSA	05/04/2000	OC21V	CHLOROFORM	1		UG/L	II	158	168	0	10	80	
	W71SSA	05/04/2000	OL21P	{ND on all 28} analytes				II	158	168	0	10		
	W71SSA	05/04/2000	TOC	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	08/29/2000	300.0	CHLORIDE (AS CL)	7.2		MG/L	II	158	168	0	10		
	W71SSA	08/29/2000	300.0	SULFATE (AS SO4)	5.5		MG/L	II	158	168	0	10		
	W71SSA	08/29/2000	310.1	{ND on all 4} analytes				II	158	168	0	10		
	W71SSA	08/29/2000	365.2	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	08/29/2000	504	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	08/29/2000	8151	{ND on all 17} analytes				II	158	168	0	10		
	W71SSA	08/29/2000	350.2M	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	08/29/2000	353.2M	NITRATE/NITRITE (AS N)	0.15		MG/L	II	158	168	0	10	10	
	W71SSA	08/29/2000	8021W	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	08/29/2000	8330N	{ND on all 19} analytes				II	158	168	0	10		
	W71SSA	08/29/2000	CYAN	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	08/29/2000	E314.0	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	08/29/2000	IM40HD	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	08/29/2000	IM40HG	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	08/29/2000	IM40MB	BORON	6.5	J	UG/L	II	158	168	0	10	600	
	W71SSA	08/29/2000	IM40MB	CALCIUM	894		UG/L	II	158	168	0	10		
	W71SSA	08/29/2000	IM40MB	MAGNESIUM	946		UG/L	II	158	168	0	10		
	W71SSA	08/29/2000	IM40MB	MANGANESE	2	J	UG/L	II	158	168	0	10		
	W71SSA	08/29/2000	IM40MB	POTASSIUM	620		UG/L	II	158	168	0	10		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W71SSA	08/29/2000	IM40MB	SODIUM	5490		UG/L	II	158	168	0	10	20000	
	W71SSA	08/29/2000	IM40MB	ZINC	3.1		UG/L	II	158	168	0	10	2000	
	W71SSA	08/29/2000	OC21V	CHLOROFORM	0.6	J	UG/L	II	158	168	0	10	80	
	W71SSA	08/29/2000	OL21P	{ND on all 28} analytes				II	158	168	0	10		
	W71SSA	08/29/2000	SW8270	{ND on all 76} analytes				II	158	168	0	10		
	W71SSA	08/29/2000	TOC	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	08/28/2001	8151	{ND on all 18} analytes				II	158	168	0	10		
	W71SSA	08/28/2001	8330N	{ND on all 19} analytes				II	158	168	0	10		
	W71SSA	08/28/2001	E314.0	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	08/28/2001	IM40HD	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	08/28/2001	IM40HG	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	08/28/2001	IM40MB	BARIUM	3.9	J	UG/L	II	158	168	0	10	2000	
	W71SSA	08/28/2001	IM40MB	BORON	7.6		UG/L	II	158	168	0	10	600	
	W71SSA	08/28/2001	IM40MB	CALCIUM	1000		UG/L	II	158	168	0	10		
	W71SSA	08/28/2001	IM40MB	MAGNESIUM	1060		UG/L	II	158	168	0	10		
	W71SSA	08/28/2001	IM40MB	MANGANESE	1.5	J	UG/L	II	158	168	0	10		
	W71SSA	08/28/2001	IM40MB	POTASSIUM	598		UG/L	II	158	168	0	10		
	W71SSA	08/28/2001	IM40MB	SODIUM	5800		UG/L	II	158	168	0	10	20000	
	W71SSA	08/28/2001	IM40MB	ZINC	2.3	J	UG/L	II	158	168	0	10	2000	
	W71SSA	08/28/2001	OC21V	CHLOROFORM	1		UG/L	II	158	168	0	10	80	
	W71SSA	08/28/2001	OL21P	{ND on all 28} analytes				II	158	168	0	10		
	W71SSA	08/28/2001	SW8270	{ND on all 77} analytes				II	158	168	0	10		
	W71SSA	03/18/2002	E314.0	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	04/15/2002	E314.0	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	11/17/2003	8151	{ND on all 18} analytes				II	158	168	0	10		
	W71SSA	11/17/2003	6020SB	{ND on all 2} analytes				II	158	168	0	10		
	W71SSA	11/17/2003	8330N	{ND on all 19} analytes				II	158	168	0	10		
	W71SSA	11/17/2003	E314.0	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	11/17/2003	IM40HD	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	11/17/2003	IM40HG	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	11/17/2003	IM40MB	BORON	7.2	J	UG/L	II	158	168	0	10	600	
	W71SSA	11/17/2003	IM40MB	CALCIUM	889		UG/L	II	158	168	0	10		
	W71SSA	11/17/2003	IM40MB	MAGNESIUM	970		UG/L	II	158	168	0	10		
	W71SSA	11/17/2003	IM40MB	POTASSIUM	814		UG/L	II	158	168	0	10		
	W71SSA	11/17/2003	IM40MB	SODIUM	4820		UG/L	II	158	168	0	10	20000	
	W71SSA	11/17/2003	IM40MB	ZINC	7.3		UG/L	II	158	168	0	10	2000	
	W71SSA	11/17/2003	OC21V	CHLOROFORM	0.4	J	UG/L	II	158	168	0	10	80	
	W71SSA	11/17/2003	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.64	J	UG/L	II	158	168	0	10	6	
	W71SSA	03/01/2004	8330N	{ND on all 19} analytes				II	158	168	0	10		
	W71SSA	03/01/2004	E314.0	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	03/01/2004	SW8270	{ND on all 77} analytes				II	158	168	0	10		
	W71SSA	09/16/2004	6020SB	{ND on all 2} analytes				II	158	168	0	10		
	W71SSA	09/16/2004	8330N	{ND on all 19} analytes				II	158	168	0	10		
	W71SSA	09/16/2004	E314.0	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	09/16/2004	IM40HD	{ND on all 1} analytes				II	158	168	0	10		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W71SSA	09/16/2004	IM40HG	{ND on all 1} analytes				II	158	168	0	10		
	W71SSA	09/16/2004	IM40MBM	CALCIUM	1140		UG/L	II	158	168	0	10		
	W71SSA	09/16/2004	IM40MBM	MAGNESIUM	1180		UG/L	II	158	168	0	10		
	W71SSA	09/16/2004	IM40MBM	MANGANESE	1.4		UG/L	II	158	168	0	10		
	W71SSA	09/16/2004	IM40MBM	SODIUM	5530		UG/L	II	158	168	0	10	20000	
	W71SSA	09/16/2004	OC21VM	CHLOROFORM	0.9	J	UG/L	II	158	168	0	10	80	
	W71SSA	09/16/2004	SW8270	{ND on all 77} analytes				II	158	168	0	10		
	W71SSA	11/09/2005	6020SB	{ND on all 2} analytes				3	158	168	0	10		
	W71SSA	11/09/2005	8330N	{ND on all 19} analytes				3	158	168	0	10		
	W71SSA	11/09/2005	E314.0	{ND on all 1} analytes				3	158	168	0	10		
	W71SSA	11/09/2005	IM40HG	{ND on all 1} analytes				3	158	168	0	10		
	W71SSA	11/09/2005	IM40MBM	MAGNESIUM	1340	J	UG/L	3	158	168	0	10		
	W71SSA	11/09/2005	IM40MBM	SODIUM	4590	J	UG/L	3	158	168	0	10	20000	
	W71SSA	11/09/2005	IM40MBM	ZINC	6	J	UG/L	3	158	168	0	10	2000	
	W71SSA	11/09/2005	OC21VM	CHLOROFORM	0.9	J	UG/L	3	158	168	0	10	80	
	W71SSA	11/09/2005	SW8270	{ND on all 76} analytes				3	158	168	0	10		
MW-80D	W80DDA	09/22/1999	300.0	CHLORIDE (AS CL)	7.5		MG/L	II	158	168	114	124		
	W80DDA	09/22/1999	300.0	SULFATE (AS SO4)	11		MG/L	II	158	168	114	124		
	W80DDA	09/22/1999	310.1	ALKALINITY, BICARBONATE (AS C	7		MG/L	II	158	168	114	124		
	W80DDA	09/22/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	7		MG/L	II	158	168	114	124		
	W80DDA	09/22/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	II	158	168	114	124		
	W80DDA	09/22/1999	504	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	09/22/1999	8151	{ND on all 14} analytes				II	158	168	114	124		
	W80DDA	09/22/1999	350.2M	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	09/22/1999	353.2M	NITRATE/NITRITE (AS N)	0.01		MG/L	II	158	168	114	124	10	
	W80DDA	09/22/1999	8021W	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	09/22/1999	8330N	{ND on all 19} analytes				II	158	168	114	124		
	W80DDA	09/22/1999	CYAN	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	09/22/1999	IM40HD	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	09/22/1999	IM40HG	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	09/22/1999	IM40MB	CALCIUM	3020		UG/L	II	158	168	114	124		
	W80DDA	09/22/1999	IM40MB	CHROMIUM, TOTAL	1.1	J	UG/L	II	158	168	114	124	100	
	W80DDA	09/22/1999	IM40MB	COBALT	2.8	J	UG/L	II	158	168	114	124		
	W80DDA	09/22/1999	IM40MB	IRON	1200		UG/L	II	158	168	114	124		
	W80DDA	09/22/1999	IM40MB	MAGNESIUM	1280		UG/L	II	158	168	114	124		
	W80DDA	09/22/1999	IM40MB	MANGANESE	27.8		UG/L	II	158	168	114	124		
	W80DDA	09/22/1999	IM40MB	NICKEL	5.9		UG/L	II	158	168	114	124	100	
	W80DDA	09/22/1999	IM40MB	POTASSIUM	1500		UG/L	II	158	168	114	124		
	W80DDA	09/22/1999	IM40MB	SODIUM	6810		UG/L	II	158	168	114	124	20000	
	W80DDA	09/22/1999	IM40MB	ZINC	4	J	UG/L	II	158	168	114	124	2000	
	W80DDA	09/22/1999	OC21B	DIETHYL PHTHALATE	1	J	UG/L	II	158	168	114	124	5000	
	W80DDA	09/22/1999	OC21V	{ND on all 44} analytes				II	158	168	114	124		
	W80DDA	09/22/1999	OL21P	{ND on all 28} analytes				II	158	168	114	124		
	W80DDA	09/22/1999	TOC	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	01/07/2000	300.0	CHLORIDE (AS CL)	6.8		MG/L	II	158	168	114	124		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W80DDA	01/07/2000	300.0	SULFATE (AS SO4)	10.8		MG/L	II	158	168	114	124		
	W80DDA	01/07/2000	310.1	ALKALINITY, BICARBONATE (AS C	7		MG/L	II	158	168	114	124		
	W80DDA	01/07/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	7		MG/L	II	158	168	114	124		
	W80DDA	01/07/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	II	158	168	114	124		
	W80DDA	01/07/2000	504	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	01/07/2000	8151	2,4,5-T (TRICHLOROPHENOXYACE	0.1	J	UG/L	II	158	168	114	124	70	
	W80DDA	01/07/2000	350.2M	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	01/07/2000	353.2M	NITRATE/NITRITE (AS N)	0.01		MG/L	II	158	168	114	124	10	
	W80DDA	01/07/2000	8021W	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	01/07/2000	8330N	{ND on all 18} analytes				II	158	168	114	124		
	W80DDA	01/07/2000	CYAN	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	01/07/2000	IM40HD	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	01/07/2000	IM40HG	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	01/07/2000	IM40MB	BORON	6.7	J	UG/L	II	158	168	114	124	600	
	W80DDA	01/07/2000	IM40MB	CALCIUM	3660		UG/L	II	158	168	114	124		
	W80DDA	01/07/2000	IM40MB	COBALT	2.9		UG/L	II	158	168	114	124		
	W80DDA	01/07/2000	IM40MB	IRON	678		UG/L	II	158	168	114	124		
	W80DDA	01/07/2000	IM40MB	MAGNESIUM	1210		UG/L	II	158	168	114	124		
	W80DDA	01/07/2000	IM40MB	MANGANESE	26		UG/L	II	158	168	114	124		
	W80DDA	01/07/2000	IM40MB	NICKEL	5		UG/L	II	158	168	114	124	100	
	W80DDA	01/07/2000	IM40MB	POTASSIUM	1060		UG/L	II	158	168	114	124		
	W80DDA	01/07/2000	IM40MB	SODIUM	6980		UG/L	II	158	168	114	124	20000	
	W80DDA	01/07/2000	OC21B	{ND on all 63} analytes				II	158	168	114	124		
	W80DDA	01/07/2000	OC21V	{ND on all 44} analytes				II	158	168	114	124		
	W80DDA	01/07/2000	OL21P	{ND on all 28} analytes				II	158	168	114	124		
	W80DDA	01/07/2000	TOC	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	04/05/2000	300.0	CHLORIDE (AS CL)	7.1		MG/L	II	158	168	114	124		
	W80DDA	04/05/2000	300.0	SULFATE (AS SO4)	12		MG/L	II	158	168	114	124		
	W80DDA	04/05/2000	310.1	ALKALINITY, BICARBONATE (AS C	7		MG/L	II	158	168	114	124		
	W80DDA	04/05/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	7		MG/L	II	158	168	114	124		
	W80DDA	04/05/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.03		MG/L	II	158	168	114	124		
	W80DDA	04/05/2000	504	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	04/05/2000	8151	{ND on all 18} analytes				II	158	168	114	124		
	W80DDA	04/05/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.03	J	MG/L	II	158	168	114	124	30	
	W80DDA	04/05/2000	353.2M	NITRATE/NITRITE (AS N)	0.01	J	MG/L	II	158	168	114	124	10	
	W80DDA	04/05/2000	8021W	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	04/05/2000	8330N	{ND on all 18} analytes				II	158	168	114	124		
	W80DDA	04/05/2000	CYAN	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	04/05/2000	IM40HD	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	04/05/2000	IM40HG	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	04/05/2000	IM40MB	ALUMINUM	47.6	J	UG/L	II	158	168	114	124		
	W80DDA	04/05/2000	IM40MB	BORON	3.9	J	UG/L	II	158	168	114	124	600	
	W80DDA	04/05/2000	IM40MB	CALCIUM	3450		UG/L	II	158	168	114	124		
	W80DDA	04/05/2000	IM40MB	COPPER	85.1		UG/L	II	158	168	114	124	1300	
	W80DDA	04/05/2000	IM40MB	IRON	677		UG/L	II	158	168	114	124		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W80DDA	04/05/2000	IM40MB	MAGNESIUM	1490		UG/L	II	158	168	114	124		
	W80DDA	04/05/2000	IM40MB	MANGANESE	24.6		UG/L	II	158	168	114	124		
	W80DDA	04/05/2000	IM40MB	MOLYBDENUM	1.8	J	UG/L	II	158	168	114	124	40	
	W80DDA	04/05/2000	IM40MB	NICKEL	4.9	J	UG/L	II	158	168	114	124	100	
	W80DDA	04/05/2000	IM40MB	SODIUM	6280		UG/L	II	158	168	114	124	20000	
	W80DDA	04/05/2000	IM40MB	ZINC	2.8	J	UG/L	II	158	168	114	124	2000	
	W80DDA	04/05/2000	OC21B	{ND on all 64} analytes				II	158	168	114	124		
	W80DDA	04/05/2000	OC21V	{ND on all 44} analytes				II	158	168	114	124		
	W80DDA	04/05/2000	OL21P	{ND on all 28} analytes				II	158	168	114	124		
	W80DDA	04/05/2000	TOC	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	08/21/2000	300.0	CHLORIDE (AS CL)	7.2		MG/L	3	158	168	114	124		
	W80DDA	08/21/2000	300.0	SULFATE (AS SO4)	11.6		MG/L	3	158	168	114	124		
	W80DDA	08/21/2000	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	3	158	168	114	124		
	W80DDA	08/21/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	3	158	168	114	124		
	W80DDA	08/21/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.04		MG/L	3	158	168	114	124		
	W80DDA	08/21/2000	504	{ND on all 1} analytes				3	158	168	114	124		
	W80DDA	08/21/2000	8151	{ND on all 17} analytes				3	158	168	114	124		
	W80DDA	08/21/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.03	J	MG/L	3	158	168	114	124	30	
	W80DDA	08/21/2000	353.2M	NITRATE/NITRITE (AS N)	0.01		MG/L	3	158	168	114	124	10	
	W80DDA	08/21/2000	8021W	{ND on all 1} analytes				3	158	168	114	124		
	W80DDA	08/21/2000	8330N	{ND on all 19} analytes				3	158	168	114	124		
	W80DDA	08/21/2000	CYAN	{ND on all 1} analytes				3	158	168	114	124		
	W80DDA	08/21/2000	E314.0	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	08/21/2000	IM40HD	{ND on all 1} analytes				3	158	168	114	124		
	W80DDA	08/21/2000	IM40HG	{ND on all 1} analytes				3	158	168	114	124		
	W80DDA	08/21/2000	IM40MB	ALUMINUM	350		UG/L	3	158	168	114	124		
	W80DDA	08/21/2000	IM40MB	CALCIUM	3220		UG/L	3	158	168	114	124		
	W80DDA	08/21/2000	IM40MB	IRON	6200		UG/L	3	158	168	114	124		
	W80DDA	08/21/2000	IM40MB	MAGNESIUM	1400		UG/L	3	158	168	114	124		
	W80DDA	08/21/2000	IM40MB	MANGANESE	23.8		UG/L	3	158	168	114	124		
	W80DDA	08/21/2000	IM40MB	POTASSIUM	973	J	UG/L	3	158	168	114	124		
	W80DDA	08/21/2000	IM40MB	SODIUM	6310		UG/L	3	158	168	114	124	20000	
	W80DDA	08/21/2000	OC21V	{ND on all 44} analytes				3	158	168	114	124		
	W80DDA	08/21/2000	OL21P	{ND on all 28} analytes				3	158	168	114	124		
	W80DDA	08/21/2000	SW8270	{ND on all 77} analytes				3	158	168	114	124		
	W80DDA	08/21/2000	TOC	TOTAL ORGANIC CARBON	0.7		MG/L	3	158	168	114	124		
	W80DDA	08/20/2001	8151	{ND on all 17} analytes				II	158	168	114	124		
	W80DDA	08/20/2001	8330NX	{ND on all 22} analytes				II	158	168	114	124		
	W80DDA	08/20/2001	E314.0	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	08/20/2001	ILSBTL	{ND on all 2} analytes				II	158	168	114	124		
	W80DDA	08/20/2001	IM40HD	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	08/20/2001	IM40HG	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	08/20/2001	IM40MB	ALUMINUM	91.1		UG/L	II	158	168	114	124		
	W80DDA	08/20/2001	IM40MB	BORON	6.2	J	UG/L	II	158	168	114	124	600	
	W80DDA	08/20/2001	IM40MB	CALCIUM	3430		UG/L	II	158	168	114	124		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W80DDA	08/20/2001	IM40MB	CHROMIUM, TOTAL	0.6	J	UG/L	II	158	168	114	124	100	
	W80DDA	08/20/2001	IM40MB	COBALT	1.8	J	UG/L	II	158	168	114	124		
	W80DDA	08/20/2001	IM40MB	COPPER	3	J	UG/L	II	158	168	114	124	1300	
	W80DDA	08/20/2001	IM40MB	IRON	1210		UG/L	II	158	168	114	124		
	W80DDA	08/20/2001	IM40MB	MAGNESIUM	1420		UG/L	II	158	168	114	124		
	W80DDA	08/20/2001	IM40MB	MANGANESE	22.1		UG/L	II	158	168	114	124		
	W80DDA	08/20/2001	IM40MB	NICKEL	3.4	J	UG/L	II	158	168	114	124	100	
	W80DDA	08/20/2001	IM40MB	POTASSIUM	944		UG/L	II	158	168	114	124		
	W80DDA	08/20/2001	IM40MB	SODIUM	6680		UG/L	II	158	168	114	124	20000	
	W80DDA	08/20/2001	IM40MB	ZINC	4.3		UG/L	II	158	168	114	124	2000	
	W80DDA	08/20/2001	OC21V	{ND on all 44} analytes				II	158	168	114	124		
	W80DDA	08/20/2001	OL21P	{ND on all 28} analytes				II	158	168	114	124		
	W80DDA	08/20/2001	SW8270	{ND on all 77} analytes				II	158	168	114	124		
	W80DDA	02/27/2002	8330N	{ND on all 19} analytes				II	158	168	114	124		
	W80DDA	02/27/2002	E314.0	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	04/05/2002	8330N	{ND on all 19} analytes				3	158	168	114	124		
	W80DDA	04/05/2002	E314.0	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	04/05/2002	OC21V	{ND on all 44} analytes				3	158	168	114	124		
	W80DDA	05/02/2002	8330N	{ND on all 19} analytes				II	158	168	114	124		
	W80DDA	05/02/2002	E314.0	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	05/02/2002	OC21V	{ND on all 44} analytes				II	158	168	114	124		
	W80DDA	06/09/2002	8330N	{ND on all 19} analytes				II	158	168	114	124		
	W80DDA	06/09/2002	E314.0	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	06/09/2002	OC21V	{ND on all 44} analytes				II	158	168	114	124		
	W80DDA	07/15/2002	E314.0	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	08/07/2002	8151	{ND on all 17} analytes				II	158	168	114	124		
	W80DDA	08/07/2002	8330N	{ND on all 19} analytes				II	158	168	114	124		
	W80DDA	08/07/2002	E314.0	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	08/07/2002	ILSBTL	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	08/07/2002	IM40HD	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	08/07/2002	IM40HG	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	08/07/2002	IM40MB	ALUMINUM	39.5		UG/L	II	158	168	114	124		
	W80DDA	08/07/2002	IM40MB	ARSENIC	5.4	J	UG/L	II	158	168	114	124	10	
	W80DDA	08/07/2002	IM40MB	CALCIUM	3070		UG/L	II	158	168	114	124		
	W80DDA	08/07/2002	IM40MB	COBALT	1.6	J	UG/L	II	158	168	114	124		
	W80DDA	08/07/2002	IM40MB	IRON	592		UG/L	II	158	168	114	124		
	W80DDA	08/07/2002	IM40MB	MAGNESIUM	1220		UG/L	II	158	168	114	124		
	W80DDA	08/07/2002	IM40MB	MANGANESE	15.1		UG/L	II	158	168	114	124		
	W80DDA	08/07/2002	IM40MB	NICKEL	4.6		UG/L	II	158	168	114	124	100	
	W80DDA	08/07/2002	IM40MB	POTASSIUM	921		UG/L	II	158	168	114	124		
	W80DDA	08/07/2002	IM40MB	SODIUM	6520		UG/L	II	158	168	114	124	20000	
	W80DDA	08/07/2002	IM40MB	ZINC	3.3		UG/L	II	158	168	114	124	2000	
	W80DDA	08/07/2002	OC21V	{ND on all 44} analytes				II	158	168	114	124		
	W80DDA	08/07/2002	SW8270	{ND on all 77} analytes				II	158	168	114	124		
	W80DDA	09/09/2002	E314.0	{ND on all 1} analytes				II	158	168	114	124		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W80DDA	10/10/2002	E314.0	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	12/12/2002	E314.0	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	01/22/2003	E314.0	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	02/06/2003	8330N	{ND on all 19} analytes				II	158	168	114	124		
	W80DDA	02/06/2003	E314.0	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	02/06/2003	OC21V	{ND on all 43} analytes				II	158	168	114	124		
	W80DDA	03/19/2003	E314.0	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	05/12/2003	8330N	{ND on all 19} analytes				II	158	168	114	124		
	W80DDA	05/12/2003	E314.0	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	05/12/2003	OC21V	{ND on all 44} analytes				II	158	168	114	124		
	W80DDA	06/10/2003	E314.0	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	07/09/2003	E314.0	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	08/08/2003	E314.0	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	09/15/2003	8151	{ND on all 18} analytes				II	158	168	114	124		
	W80DDA	09/15/2003	6020SB	{ND on all 2} analytes				II	158	168	114	124		
	W80DDA	09/15/2003	8330N	{ND on all 19} analytes				II	158	168	114	124		
	W80DDA	09/15/2003	E314.0	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	09/15/2003	IM40HD	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	09/15/2003	IM40HG	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	09/15/2003	IM40MB	BORON	8	J	UG/L	II	158	168	114	124	600	
	W80DDA	09/15/2003	IM40MB	CALCIUM	3390		UG/L	II	158	168	114	124		
	W80DDA	09/15/2003	IM40MB	COPPER	2.8	J	UG/L	II	158	168	114	124	1300	
	W80DDA	09/15/2003	IM40MB	IRON	1190		UG/L	II	158	168	114	124		
	W80DDA	09/15/2003	IM40MB	MAGNESIUM	1400		UG/L	II	158	168	114	124		
	W80DDA	09/15/2003	IM40MB	MANGANESE	15.2		UG/L	II	158	168	114	124		
	W80DDA	09/15/2003	IM40MB	NICKEL	4.2	J	UG/L	II	158	168	114	124	100	
	W80DDA	09/15/2003	IM40MB	SODIUM	6260		UG/L	II	158	168	114	124	20000	
	W80DDA	09/15/2003	IM40MB	ZINC	23		UG/L	II	158	168	114	124	2000	
	W80DDA	09/15/2003	OC21V	{ND on all 44} analytes				II	158	168	114	124		
	W80DDA	09/15/2003	SW8270	{ND on all 78} analytes				II	158	168	114	124		
	W80DDA	10/16/2003	E314.0	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	11/22/2003	E314.0	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	12/10/2003	E314.0	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	01/13/2004	8330N	{ND on all 19} analytes				II	158	168	114	124		
	W80DDA	01/13/2004	E314.0	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	01/13/2004	OC21VM	{ND on all 45} analytes				II	158	168	114	124		
	W80DDA	02/12/2004	E314.0	{ND on all 1} analytes				3	158	168	114	124		
	W80DDA	03/11/2004	E314.0	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	04/08/2004	8330N	{ND on all 19} analytes				3	158	168	114	124		
	W80DDD	04/08/2004	8330N	{ND on all 19} analytes				3	158	168	114	124		
	W80DDA	04/08/2004	E314.0	{ND on all 1} analytes				II	158	168	114	124		
	W80DDD	04/08/2004	E314.0	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	04/08/2004	OC21VM	{ND on all 45} analytes				3	158	168	114	124		
	W80DDD	04/08/2004	OC21VM	{ND on all 45} analytes				3	158	168	114	124		
	W80DDA	09/09/2004	6020SB	{ND on all 2} analytes				II	158	168	114	124		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W80DDA	09/09/2004	8330N	{ND on all 19} analytes				II	158	168	114	124		
	W80DDA	09/09/2004	E314.0	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	09/09/2004	IM40HD	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	09/09/2004	IM40HG	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	09/09/2004	IM40MBM	CALCIUM	3420		UG/L	II	158	168	114	124		
	W80DDA	09/09/2004	IM40MBM	IRON	1200		UG/L	II	158	168	114	124		
	W80DDA	09/09/2004	IM40MBM	MAGNESIUM	1370		UG/L	II	158	168	114	124		
	W80DDA	09/09/2004	IM40MBM	MANGANESE	16.7		UG/L	II	158	168	114	124		
	W80DDA	09/09/2004	IM40MBM	POTASSIUM	1580		UG/L	II	158	168	114	124		
	W80DDA	09/09/2004	IM40MBM	SODIUM	7090		UG/L	II	158	168	114	124	20000	
	W80DDA	09/09/2004	OC21VM	{ND on all 45} analytes				II	158	168	114	124		
	W80DDA	09/09/2004	SW8270	{ND on all 76} analytes				II	158	168	114	124		
	W80DDA	02/07/2005	8330N	{ND on all 19} analytes				II	158	168	114	124		
	W80DDA	02/07/2005	E314.0	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	02/07/2005	OC21VM	{ND on all 45} analytes				II	158	168	114	124		
	W80DDA	05/12/2005	8330N	{ND on all 19} analytes				II	158	168	114	124		
	W80DDA	05/12/2005	E314.0	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	05/12/2005	OC21VM	{ND on all 44} analytes				II	158	168	114	124		
	W80DDA	07/27/2005	6020SB	{ND on all 2} analytes				3	158	168	114	124		
	W80DDA	07/27/2005	8330N	{ND on all 19} analytes				3	158	168	114	124		
	W80DDA	07/27/2005	E314.0	{ND on all 1} analytes				3	158	168	114	124		
	W80DDA	07/27/2005	IM40HG	{ND on all 1} analytes				3	158	168	114	124		
	W80DDA	07/27/2005	IM40MBM	CALCIUM	3130		UG/L	3	158	168	114	124		
	W80DDA	07/27/2005	IM40MBM	IRON	652		UG/L	3	158	168	114	124		
	W80DDA	07/27/2005	IM40MBM	MANGANESE	12		UG/L	3	158	168	114	124		
	W80DDA	07/27/2005	IM40MBM	NICKEL	4.2	J	UG/L	3	158	168	114	124	100	
	W80DDA	07/27/2005	IM40MBM	SODIUM	6340		UG/L	3	158	168	114	124	20000	
	W80DDA	07/27/2005	IM40MBM	ZINC	4.4	J	UG/L	3	158	168	114	124	2000	
	W80DDA	07/27/2005	OC21VM	{ND on all 45} analytes				3	158	168	114	124		
	W80DDA	07/27/2005	SW8270	{ND on all 77} analytes				3	158	168	114	124		
	W80DDA	02/07/2006	8330N	{ND on all 19} analytes				II	158	168	114	124		
	W80DDA	02/07/2006	E314.0	{ND on all 1} analytes				II	158	168	114	124		
	W80DDA	02/07/2006	OC21VM	{ND on all 45} analytes				II	158	168	114	124		
MW-80M1	W80M1A	09/22/1999	300.0	CHLORIDE (AS CL)	9.1		MG/L	II	130	140	86	96		
	W80M1A	09/22/1999	300.0	SULFATE (AS SO4)	5.2		MG/L	II	130	140	86	96		
	W80M1A	09/22/1999	310.1	ALKALINITY, BICARBONATE (AS C	6		MG/L	II	130	140	86	96		
	W80M1A	09/22/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	6		MG/L	II	130	140	86	96		
	W80M1A	09/22/1999	365.2	{ND on all 1} analytes				II	130	140	86	96		
	W80M1A	09/22/1999	504	{ND on all 1} analytes				II	130	140	86	96		
	W80M1A	09/22/1999	8151	{ND on all 14} analytes				II	130	140	86	96		
	W80M1A	09/22/1999	350.2M	NITROGEN, AMMONIA (AS N)	0.03	J	MG/L	II	130	140	86	96	30	
	W80M1A	09/22/1999	353.2M	NITRATE/NITRITE (AS N)	0.11		MG/L	II	130	140	86	96	10	
	W80M1A	09/22/1999	8021W	{ND on all 1} analytes				II	130	140	86	96		
	W80M1A	09/22/1999	8330N	{ND on all 19} analytes				II	130	140	86	96		
	W80M1A	09/22/1999	CYAN	{ND on all 1} analytes				II	130	140	86	96		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W80M1A	09/22/1999	IM40HD	{ND on all 1} analytes				II	130	140	86	96		
	W80M1A	09/22/1999	IM40HG	{ND on all 1} analytes				II	130	140	86	96		
	W80M1A	09/22/1999	IM40MB	CALCIUM	2030		UG/L	II	130	140	86	96		
	W80M1A	09/22/1999	IM40MB	MAGNESIUM	1000		UG/L	II	130	140	86	96		
	W80M1A	09/22/1999	IM40MB	MANGANESE	50.1		UG/L	II	130	140	86	96		
	W80M1A	09/22/1999	IM40MB	MOLYBDENUM	2.3	J	UG/L	II	130	140	86	96	40	
	W80M1A	09/22/1999	IM40MB	POTASSIUM	677		UG/L	II	130	140	86	96		
	W80M1A	09/22/1999	IM40MB	SODIUM	6560		UG/L	II	130	140	86	96	20000	
	W80M1A	09/22/1999	OC21B	{ND on all 64} analytes				II	130	140	86	96		
	W80M1A	09/22/1999	OC21V	CHLOROFORM	0.8	J	UG/L	II	130	140	86	96	80	
	W80M1A	09/22/1999	OC21V	TOLUENE	0.3	J	UG/L	II	130	140	86	96	1000	
	W80M1A	09/22/1999	OL21P	{ND on all 28} analytes				II	130	140	86	96		
	W80M1A	09/22/1999	TOC	{ND on all 1} analytes				II	130	140	86	96		
	W80M1A	01/05/2000	300.0	CHLORIDE (AS CL)	8.3		MG/L	II	130	140	86	96		
	W80M1A	01/05/2000	300.0	SULFATE (AS SO4)	4.5		MG/L	II	130	140	86	96		
	W80M1A	01/05/2000	310.1	ALKALINITY, BICARBONATE (AS C	7		MG/L	II	130	140	86	96		
	W80M1A	01/05/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	7		MG/L	II	130	140	86	96		
	W80M1A	01/05/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.01		MG/L	II	130	140	86	96		
	W80M1A	01/05/2000	504	{ND on all 1} analytes				II	130	140	86	96		
	W80M1A	01/05/2000	8151	{ND on all 16} analytes				II	130	140	86	96		
	W80M1A	01/05/2000	350.2M	{ND on all 1} analytes				II	130	140	86	96		
	W80M1A	01/05/2000	353.2M	NITRATE/NITRITE (AS N)	0.11		MG/L	II	130	140	86	96	10	
	W80M1A	01/05/2000	8021W	{ND on all 1} analytes				II	130	140	86	96		
	W80M1A	01/05/2000	8330N	{ND on all 18} analytes				II	130	140	86	96		
	W80M1A	01/05/2000	IM40HD	{ND on all 1} analytes				II	130	140	86	96		
	W80M1A	01/05/2000	IM40HG	{ND on all 1} analytes				II	130	140	86	96		
	W80M1A	01/05/2000	IM40MB	CALCIUM	1830		UG/L	II	130	140	86	96		
	W80M1A	01/05/2000	IM40MB	IRON	28.4	J	UG/L	II	130	140	86	96		
	W80M1A	01/05/2000	IM40MB	MAGNESIUM	968		UG/L	II	130	140	86	96		
	W80M1A	01/05/2000	IM40MB	MANGANESE	6.8		UG/L	II	130	140	86	96		
	W80M1A	01/05/2000	IM40MB	MOLYBDENUM	1.6	J	UG/L	II	130	140	86	96	40	
	W80M1A	01/05/2000	IM40MB	SODIUM	6170		UG/L	II	130	140	86	96	20000	
	W80M1A	01/05/2000	OC21B	{ND on all 63} analytes				II	130	140	86	96		
	W80M1A	01/05/2000	OC21V	CHLOROFORM	0.8	J	UG/L	II	130	140	86	96	80	
	W80M1A	01/05/2000	OL21P	{ND on all 28} analytes				II	130	140	86	96		
	W80M1A	01/05/2000	TOC	{ND on all 1} analytes				II	130	140	86	96		
	W80M1A	04/05/2000	300.0	CHLORIDE (AS CL)	8.7		MG/L	II	130	140	86	96		
	W80M1A	04/05/2000	300.0	SULFATE (AS SO4)	5.2		MG/L	II	130	140	86	96		
	W80M1A	04/05/2000	310.1	ALKALINITY, BICARBONATE (AS C	7		MG/L	II	130	140	86	96		
	W80M1A	04/05/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	7		MG/L	II	130	140	86	96		
	W80M1A	04/05/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	II	130	140	86	96		
	W80M1A	04/05/2000	504	{ND on all 1} analytes				II	130	140	86	96		
	W80M1A	04/05/2000	8151	{ND on all 18} analytes				II	130	140	86	96		
	W80M1A	04/05/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.19		MG/L	II	130	140	86	96	30	
	W80M1A	04/05/2000	353.2M	NITRATE/NITRITE (AS N)	0.1		MG/L	II	130	140	86	96	10	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W80M1A	04/05/2000	8021W	{ND on all 1} analytes				II	130	140	86	96		
	W80M1A	04/05/2000	8330N	{ND on all 18} analytes				II	130	140	86	96		
	W80M1A	04/05/2000	CYAN	{ND on all 1} analytes				II	130	140	86	96		
	W80M1A	04/05/2000	IM40HD	{ND on all 1} analytes				II	130	140	86	96		
	W80M1A	04/05/2000	IM40HG	{ND on all 1} analytes				II	130	140	86	96		
	W80M1A	04/05/2000	IM40MB	CALCIUM	2000		UG/L	II	130	140	86	96		
	W80M1A	04/05/2000	IM40MB	MAGNESIUM	1050		UG/L	II	130	140	86	96		
	W80M1A	04/05/2000	IM40MB	MANGANESE	4.1		UG/L	II	130	140	86	96		
	W80M1A	04/05/2000	IM40MB	POTASSIUM	738		UG/L	II	130	140	86	96		
	W80M1A	04/05/2000	IM40MB	SODIUM	6370		UG/L	II	130	140	86	96	20000	
	W80M1A	04/05/2000	OC21B	{ND on all 64} analytes				II	130	140	86	96		
	W80M1A	04/05/2000	OC21V	CHLOROFORM	0.9	J	UG/L	II	130	140	86	96	80	
	W80M1A	04/05/2000	OL21P	{ND on all 28} analytes				II	130	140	86	96		
	W80M1A	04/05/2000	TOC	TOTAL ORGANIC CARBON	0.9	J	MG/L	II	130	140	86	96		
	W80M1A	08/18/2000	300.0	CHLORIDE (AS CL)	8.6		MG/L	3	130	140	86	96		
	W80M1A	08/18/2000	300.0	SULFATE (AS SO4)	5		MG/L	3	130	140	86	96		
	W80M1A	08/18/2000	310.1	ALKALINITY, BICARBONATE (AS C	5		MG/L	3	130	140	86	96		
	W80M1A	08/18/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	5		MG/L	3	130	140	86	96		
	W80M1A	08/18/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	3	130	140	86	96		
	W80M1A	08/18/2000	504	{ND on all 1} analytes				3	130	140	86	96		
	W80M1A	08/18/2000	8151	{ND on all 16} analytes				3	130	140	86	96		
	W80M1A	08/18/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.04		MG/L	3	130	140	86	96	30	
	W80M1A	08/18/2000	353.2M	NITRATE/NITRITE (AS N)	0.1		MG/L	3	130	140	86	96	10	
	W80M1A	08/18/2000	8021W	{ND on all 1} analytes				3	130	140	86	96		
	W80M1A	08/18/2000	8330N	{ND on all 19} analytes				3	130	140	86	96		
	W80M1A	08/18/2000	CYAN	{ND on all 1} analytes				3	130	140	86	96		
	W80M1A	08/18/2000	E314.0	{ND on all 1} analytes				II	130	140	86	96		
	W80M1A	08/18/2000	IM40HD	{ND on all 1} analytes				3	130	140	86	96		
	W80M1A	08/18/2000	IM40HG	{ND on all 1} analytes				3	130	140	86	96		
	W80M1A	08/18/2000	IM40MB	BORON	7.6	J	UG/L	3	130	140	86	96	600	
	W80M1A	08/18/2000	IM40MB	CALCIUM	1940		UG/L	3	130	140	86	96		
	W80M1A	08/18/2000	IM40MB	MAGNESIUM	1070		UG/L	3	130	140	86	96		
	W80M1A	08/18/2000	IM40MB	POTASSIUM	639	J	UG/L	3	130	140	86	96		
	W80M1A	08/18/2000	IM40MB	SODIUM	6930		UG/L	3	130	140	86	96	20000	
	W80M1A	08/18/2000	OC21V	CHLOROFORM	0.9	J	UG/L	3	130	140	86	96	80	
	W80M1A	08/18/2000	OL21P	{ND on all 28} analytes				3	130	140	86	96		
	W80M1A	08/18/2000	SW8270	{ND on all 77} analytes				3	130	140	86	96		
	W80M1A	08/18/2000	TOC	TOTAL ORGANIC CARBON	1.3		MG/L	3	130	140	86	96		
	W80M1A	08/20/2001	8151	{ND on all 17} analytes				II	130	140	86	96		
	W80M1D	08/20/2001	8151	{ND on all 17} analytes				II	130	140	86	96		
	W80M1A	08/20/2001	8330NX	{ND on all 22} analytes				II	130	140	86	96		
	W80M1D	08/20/2001	8330NX	{ND on all 22} analytes				II	130	140	86	96		
	W80M1A	08/20/2001	E314.0	PERCHLORATE	1.7	J	UG/L	II	130	140	86	96		
	W80M1D	08/20/2001	E314.0	{ND on all 1} analytes				II	130	140	86	96		
	W80M1A	08/20/2001	ILSBTL	{ND on all 2} analytes				II	130	140	86	96		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W80M1D	08/20/2001	ILSBTL	{ND on all 1} analytes				II	130	140	86	96		
	W80M1A	08/20/2001	IM40HD	{ND on all 1} analytes				II	130	140	86	96		
	W80M1D	08/20/2001	IM40HD	{ND on all 1} analytes				II	130	140	86	96		
	W80M1A	08/20/2001	IM40HG	{ND on all 1} analytes				II	130	140	86	96		
	W80M1D	08/20/2001	IM40HG	{ND on all 1} analytes				II	130	140	86	96		
	W80M1A	08/20/2001	IM40MB	ALUMINUM	20.2	J	UG/L	II	130	140	86	96		
	W80M1A	08/20/2001	IM40MB	BORON	6.8		UG/L	II	130	140	86	96	600	
	W80M1A	08/20/2001	IM40MB	CALCIUM	2140		UG/L	II	130	140	86	96		
	W80M1A	08/20/2001	IM40MB	IRON	25	J	UG/L	II	130	140	86	96		
	W80M1A	08/20/2001	IM40MB	MAGNESIUM	1150		UG/L	II	130	140	86	96		
	W80M1A	08/20/2001	IM40MB	POTASSIUM	606		UG/L	II	130	140	86	96		
	W80M1A	08/20/2001	IM40MB	SODIUM	6700		UG/L	II	130	140	86	96	20000	
	W80M1A	08/20/2001	IM40MB	ZINC	1.7	J	UG/L	II	130	140	86	96	2000	
	W80M1D	08/20/2001	IM40MB	ALUMINUM	118		UG/L	II	130	140	86	96		
	W80M1D	08/20/2001	IM40MB	BORON	7.3		UG/L	II	130	140	86	96	600	
	W80M1D	08/20/2001	IM40MB	CALCIUM	2280		UG/L	II	130	140	86	96		
	W80M1D	08/20/2001	IM40MB	CHROMIUM, TOTAL	1	J	UG/L	II	130	140	86	96	100	
	W80M1D	08/20/2001	IM40MB	IRON	150	J	UG/L	II	130	140	86	96		
	W80M1D	08/20/2001	IM40MB	MAGNESIUM	1370		UG/L	II	130	140	86	96		
	W80M1D	08/20/2001	IM40MB	MANGANESE	2.8		UG/L	II	130	140	86	96		
	W80M1D	08/20/2001	IM40MB	POTASSIUM	698		UG/L	II	130	140	86	96		
	W80M1D	08/20/2001	IM40MB	SODIUM	6630		UG/L	II	130	140	86	96	20000	
	W80M1D	08/20/2001	IM40MB	ZINC	1.5	J	UG/L	II	130	140	86	96	2000	
	W80M1A	08/20/2001	OC21V	CHLOROFORM	0.9	J	UG/L	II	130	140	86	96	80	
	W80M1D	08/20/2001	OC21V	CHLOROFORM	0.9	J	UG/L	II	130	140	86	96	80	
	W80M1A	08/20/2001	OL21P	{ND on all 28} analytes				II	130	140	86	96		
	W80M1D	08/20/2001	OL21P	{ND on all 28} analytes				II	130	140	86	96		
	W80M1A	08/20/2001	SW8270	{ND on all 77} analytes				II	130	140	86	96		
	W80M1D	08/20/2001	SW8270	{ND on all 77} analytes				II	130	140	86	96		
	W80M1A	10/10/2001	E314.0	PERCHLORATE	1.5	J	UG/L	II	130	140	86	96		
	W80M1A	12/20/2001	E314.0	PERCHLORATE	1.63	J	UG/L	II	130	140	86	96		
	W80M1A	02/27/2002	8330N	{ND on all 19} analytes				II	130	140	86	96		
	W80M1A	02/27/2002	E314.0	PERCHLORATE	1.38	J	UG/L	II	130	140	86	96		
	W80M1A	04/04/2002	8330N	{ND on all 19} analytes				II	130	140	86	96		
	W80M1A	04/04/2002	E314.0	PERCHLORATE	2.26	J	UG/L	II	130	140	86	96		
	W80M1A	04/04/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	130	140	86	96	80	
	W80M1A	05/02/2002	8330N	{ND on all 19} analytes				II	130	140	86	96		
	W80M1A	05/02/2002	E314.0	PERCHLORATE	1.04		UG/L	II	130	140	86	96		
	W80M1A	05/02/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	130	140	86	96	80	
	W80M1A	06/08/2002	8330N	{ND on all 19} analytes				II	130	140	86	96		
	W80M1D	06/08/2002	8330N	{ND on all 19} analytes				II	130	140	86	96		
	W80M1A	06/08/2002	E314.0	PERCHLORATE	1.34		UG/L	II	130	140	86	96		
	W80M1D	06/08/2002	E314.0	PERCHLORATE	1.57		UG/L	II	130	140	86	96		
	W80M1A	06/08/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	130	140	86	96	80	
	W80M1D	06/08/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	130	140	86	96	80	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W80M1A	07/15/2002	E314.0	PERCHLORATE	1.55		UG/L	II	130	140	86	96		
	W80M1A	08/07/2002	8151	{ND on all 17} analytes				II	130	140	86	96		
	W80M1A	08/07/2002	8330NX	{ND on all 22} analytes				II	130	140	86	96		
	W80M1A	08/07/2002	E314.0	PERCHLORATE	1.38		UG/L	II	130	140	86	96		
	W80M1A	08/07/2002	ILSBTL	{ND on all 2} analytes				II	130	140	86	96		
	W80M1A	08/07/2002	IM40HD	{ND on all 1} analytes				II	130	140	86	96		
	W80M1A	08/07/2002	IM40HG	{ND on all 1} analytes				II	130	140	86	96		
	W80M1A	08/07/2002	IM40MB	CALCIUM	1880		UG/L	II	130	140	86	96		
	W80M1A	08/07/2002	IM40MB	MAGNESIUM	994		UG/L	II	130	140	86	96		
	W80M1A	08/07/2002	IM40MB	POTASSIUM	670		UG/L	II	130	140	86	96		
	W80M1A	08/07/2002	IM40MB	SODIUM	6820		UG/L	II	130	140	86	96	20000	
	W80M1A	08/07/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	130	140	86	96	80	
	W80M1A	08/07/2002	SW8270	{ND on all 77} analytes				II	130	140	86	96		
	W80M1A	09/09/2002	E314.0	PERCHLORATE	0.72	J	UG/L	II	130	140	86	96		
	W80M1A	10/10/2002	E314.0	PERCHLORATE	1.16		UG/L	II	130	140	86	96		
	W80M1A	12/12/2002	E314.0	PERCHLORATE	1.21		UG/L	II	130	140	86	96		
	W80M1A	01/23/2003	E314.0	PERCHLORATE	1.16		UG/L	3	130	140	86	96		
	W80M1A	02/06/2003	8330N	{ND on all 19} analytes				II	130	140	86	96		
	W80M1A	02/06/2003	E314.0	PERCHLORATE	1.34		UG/L	II	130	140	86	96		
	W80M1A	02/06/2003	OC21V	CHLOROFORM	0.9	J	UG/L	II	130	140	86	96	80	
	W80M1A	03/18/2003	E314.0	PERCHLORATE	1.14		UG/L	II	130	140	86	96		
	W80M1D	03/18/2003	E314.0	PERCHLORATE	1.15		UG/L	II	130	140	86	96		
	W80M1A	05/12/2003	8330N	{ND on all 19} analytes				II	130	140	86	96		
	W80M1A	05/12/2003	E314.0	PERCHLORATE	0.86	J	UG/L	II	130	140	86	96		
	W80M1A	05/12/2003	E314.0	PERCHLORATE	0.7	J	UG/L	II	130	140	86	96		
	W80M1A-DA	05/12/2003	E314.0	PERCHLORATE	0.69	J	UG/L	3	130	140	86	96		
	W80M1A	05/12/2003	OC21V	CHLOROFORM	1		UG/L	II	130	140	86	96	80	
	W80M1A	06/10/2003	E314.0	PERCHLORATE	0.93	J	UG/L	II	130	140	86	96		
	W80M1D	06/10/2003	E314.0	PERCHLORATE	0.92	J	UG/L	II	130	140	86	96		
	W80M1A	07/09/2003	E314.0	PERCHLORATE	0.98	J	UG/L	II	130	140	86	96		
	W80M1A	08/08/2003	E314.0	PERCHLORATE	0.85	J	UG/L	II	130	140	86	96		
	W80M1A	09/15/2003	8151	{ND on all 18} analytes				II	130	140	86	96		
	W80M1A	09/15/2003	6020SB	{ND on all 2} analytes				II	130	140	86	96		
	W80M1A	09/15/2003	8330NX	{ND on all 22} analytes				II	130	140	86	96		
	W80M1A	09/15/2003	E314.0	PERCHLORATE	1.07		UG/L	II	130	140	86	96		
	W80M1A	09/15/2003	IM40HD	{ND on all 1} analytes				II	130	140	86	96		
	W80M1A	09/15/2003	IM40HG	{ND on all 1} analytes				II	130	140	86	96		
	W80M1A	09/15/2003	IM40MB	BORON	6.6	J	UG/L	II	130	140	86	96	600	
	W80M1A	09/15/2003	IM40MB	CALCIUM	2220		UG/L	II	130	140	86	96		
	W80M1A	09/15/2003	IM40MB	MAGNESIUM	1210		UG/L	II	130	140	86	96		
	W80M1A	09/15/2003	IM40MB	SODIUM	6230		UG/L	II	130	140	86	96	20000	
	W80M1A	09/15/2003	IM40MB	ZINC	5.7		UG/L	II	130	140	86	96	2000	
	W80M1A	09/15/2003	OC21V	CHLOROFORM	0.9	J	UG/L	II	130	140	86	96	80	
	W80M1A	09/15/2003	OC21V	CIS-1,3-DICHLOROPROPENE	0.5	J	UG/L	II	130	140	86	96	30	
	W80M1A	09/15/2003	SW8270	{ND on all 78} analytes				II	130	140	86	96		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W80M1A	10/15/2003	E314.0	PERCHLORATE	0.82	J	UG/L	II	130	140	86	96		
	W80M1A	11/22/2003	E314.0	PERCHLORATE	0.83	J	UG/L	II	130	140	86	96		
	W80M1A	12/10/2003	E314.0	PERCHLORATE	0.86	J	UG/L	II	130	140	86	96		
	W80M1A	01/12/2004	8330N	{ND on all 19} analytes				II	130	140	86	96		
	W80M1A	01/12/2004	E314.0	PERCHLORATE	0.82	J	UG/L	II	130	140	86	96		
	W80M1A	01/12/2004	OC21VM	CHLOROFORM	0.9	J	UG/L	II	130	140	86	96	80	
	W80M1A	02/12/2004	E314.0	PERCHLORATE	0.86	J	UG/L	3	130	140	86	96		
	W80M1A	03/11/2004	E314.0	PERCHLORATE	0.8	J	UG/L	II	130	140	86	96		
	W80M1A	04/08/2004	8330N	{ND on all 19} analytes				3	130	140	86	96		
	W80M1A	04/08/2004	E314.0	PERCHLORATE	0.91	J	UG/L	II	130	140	86	96		
	W80M1A	04/08/2004	OC21VM	CHLOROFORM	0.9	J	UG/L	3	130	140	86	96	80	
	W80M1A	09/09/2004	6020SB	{ND on all 2} analytes				II	130	140	86	96		
	W80M1A	09/09/2004	8330N	{ND on all 19} analytes				II	130	140	86	96		
	W80M1A	09/09/2004	E314.0	PERCHLORATE	0.78	J	UG/L	II	130	140	86	96		
	W80M1A	09/09/2004	IM40HD	{ND on all 1} analytes				II	130	140	86	96		
	W80M1A	09/09/2004	IM40HG	{ND on all 1} analytes				II	130	140	86	96		
	W80M1A	09/09/2004	IM40MBM	CALCIUM	2330		UG/L	II	130	140	86	96		
	W80M1A	09/09/2004	IM40MBM	MAGNESIUM	1210		UG/L	II	130	140	86	96		
	W80M1A	09/09/2004	IM40MBM	POTASSIUM	1040		UG/L	II	130	140	86	96		
	W80M1A	09/09/2004	IM40MBM	SODIUM	7500		UG/L	II	130	140	86	96	20000	
	W80M1A	09/09/2004	OC21VM	CHLOROFORM	0.8	J	UG/L	II	130	140	86	96	80	
	W80M1A	09/09/2004	SW8270	{ND on all 76} analytes				II	130	140	86	96		
	W80M1A	02/07/2005	8330N	{ND on all 19} analytes				II	130	140	86	96		
	W80M1A	02/07/2005	E314.0	PERCHLORATE	0.77	J	UG/L	II	130	140	86	96		
	W80M1A	02/07/2005	OC21VM	CARBON DISULFIDE	0.3	J	UG/L	II	130	140	86	96		
	W80M1A	02/07/2005	OC21VM	CHLOROFORM	1		UG/L	II	130	140	86	96	80	
	W80M1A	05/12/2005	8330N	{ND on all 19} analytes				II	130	140	86	96		
	W80M1A	05/12/2005	E314.0	PERCHLORATE	0.94	J	UG/L	II	130	140	86	96		
	W80M1A	05/12/2005	OC21VM	CHLOROFORM	1		UG/L	II	130	140	86	96	80	
	W80M1A	07/27/2005	6020SB	{ND on all 2} analytes				3	130	140	86	96		
	W80M1A	07/27/2005	8330N	{ND on all 19} analytes				3	130	140	86	96		
	W80M1A	07/27/2005	E314.0	PERCHLORATE	0.69	J	UG/L	3	130	140	86	96		
	W80M1A	07/27/2005	IM40HG	{ND on all 1} analytes				3	130	140	86	96		
	W80M1A	07/27/2005	IM40MBM	ARSENIC	5.4	J	UG/L	3	130	140	86	96	10	
	W80M1A	07/27/2005	IM40MBM	CALCIUM	2210		UG/L	3	130	140	86	96		
	W80M1A	07/27/2005	IM40MBM	SODIUM	6540		UG/L	3	130	140	86	96	20000	
	W80M1A	07/27/2005	OC21VM	CHLOROFORM	0.9	J	UG/L	3	130	140	86	96	80	
	W80M1A	07/27/2005	SW8270	{ND on all 77} analytes				3	130	140	86	96		
	W80M1A	02/07/2006	8330N	{ND on all 19} analytes				II	130	140	86	96		
	W80M1A	02/07/2006	E314.0	PERCHLORATE	0.41	J	UG/L	II	130	140	86	96		
	W80M1A	02/07/2006	OC21VM	CHLOROFORM	1		UG/L	II	130	140	86	96	80	
MW-80M2	W80M2A	09/27/1999	300.0	CHLORIDE (AS CL)	9		MG/L	II	100	110	56	66		
	W80M2A	09/27/1999	300.0	SULFATE (AS SO4)	5.2		MG/L	II	100	110	56	66		
	W80M2A	09/27/1999	310.1	ALKALINITY, BICARBONATE (AS C	5		MG/L	II	100	110	56	66		
	W80M2A	09/27/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	5		MG/L	II	100	110	56	66		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W80M2A	09/27/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.05		MG/L	II	100	110	56	66		
	W80M2A	09/27/1999	504	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	09/27/1999	8151	{ND on all 18} analytes				II	100	110	56	66		
	W80M2A	09/27/1999	350.2M	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	09/27/1999	353.2M	NITRATE/NITRITE (AS N)	0.05		MG/L	II	100	110	56	66	10	
	W80M2A	09/27/1999	8021W	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	09/27/1999	8330N	{ND on all 19} analytes				II	100	110	56	66		
	W80M2A	09/27/1999	CYAN	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	09/27/1999	IM40HD	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	09/27/1999	IM40HG	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	09/27/1999	IM40MB	ALUMINUM	850		UG/L	II	100	110	56	66		
	W80M2A	09/27/1999	IM40MB	BARIUM	14.8	J	UG/L	II	100	110	56	66	2000	
	W80M2A	09/27/1999	IM40MB	CALCIUM	2010		UG/L	II	100	110	56	66		
	W80M2A	09/27/1999	IM40MB	CHROMIUM, TOTAL	5		UG/L	II	100	110	56	66	100	
	W80M2A	09/27/1999	IM40MB	COPPER	2.1	J	UG/L	II	100	110	56	66	1300	
	W80M2A	09/27/1999	IM40MB	IRON	1040		UG/L	II	100	110	56	66		
	W80M2A	09/27/1999	IM40MB	MAGNESIUM	1310		UG/L	II	100	110	56	66		
	W80M2A	09/27/1999	IM40MB	MANGANESE	27.1		UG/L	II	100	110	56	66		
	W80M2A	09/27/1999	IM40MB	MOLYBDENUM	2	J	UG/L	II	100	110	56	66	40	
	W80M2A	09/27/1999	IM40MB	POTASSIUM	946		UG/L	II	100	110	56	66		
	W80M2A	09/27/1999	IM40MB	SODIUM	6520		UG/L	II	100	110	56	66	20000	
	W80M2A	09/27/1999	OC21B	{ND on all 64} analytes				II	100	110	56	66		
	W80M2A	09/27/1999	OC21V	CHLOROFORM	0.8	J	UG/L	II	100	110	56	66	80	
	W80M2A	09/27/1999	OL21P	{ND on all 28} analytes				II	100	110	56	66		
	W80M2A	09/27/1999	TOC	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	01/06/2000	300.0	CHLORIDE (AS CL)	8.8		MG/L	II	100	110	56	66		
	W80M2A	01/06/2000	300.0	SULFATE (AS SO4)	4.8		MG/L	II	100	110	56	66		
	W80M2A	01/06/2000	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	100	110	56	66		
	W80M2A	01/06/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	100	110	56	66		
	W80M2A	01/06/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.04		MG/L	II	100	110	56	66		
	W80M2A	01/06/2000	504	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	01/06/2000	8151	{ND on all 16} analytes				II	100	110	56	66		
	W80M2A	01/06/2000	350.2M	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	01/06/2000	353.2M	NITRATE/NITRITE (AS N)	0.03		MG/L	II	100	110	56	66	10	
	W80M2A	01/06/2000	8021W	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	01/06/2000	8330N	{ND on all 18} analytes				II	100	110	56	66		
	W80M2A	01/06/2000	CYAN	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	01/06/2000	IM40HD	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	01/06/2000	IM40HG	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	01/06/2000	IM40MB	BORON	7.8	J	UG/L	II	100	110	56	66	600	
	W80M2A	01/06/2000	IM40MB	CALCIUM	1920		UG/L	II	100	110	56	66		
	W80M2A	01/06/2000	IM40MB	MAGNESIUM	1170		UG/L	II	100	110	56	66		
	W80M2A	01/06/2000	IM40MB	MANGANESE	3.5		UG/L	II	100	110	56	66		
	W80M2A	01/06/2000	IM40MB	POTASSIUM	510		UG/L	II	100	110	56	66		
	W80M2A	01/06/2000	IM40MB	SODIUM	6180		UG/L	II	100	110	56	66	20000	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W80M2A	01/06/2000	OC21B	{ND on all 64} analytes				II	100	110	56	66		
	W80M2A	01/06/2000	OC21V	CHLOROFORM	0.8	J	UG/L	II	100	110	56	66	80	
	W80M2A	01/06/2000	OL21P	{ND on all 28} analytes				II	100	110	56	66		
	W80M2A	01/06/2000	TOC	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	04/05/2000	300.0	CHLORIDE (AS CL)	9.7		MG/L	II	100	110	56	66		
	W80M2A	04/05/2000	300.0	SULFATE (AS SO4)	5.4		MG/L	II	100	110	56	66		
	W80M2A	04/05/2000	310.1	ALKALINITY, BICARBONATE (AS C	6		MG/L	II	100	110	56	66		
	W80M2A	04/05/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	6		MG/L	II	100	110	56	66		
	W80M2A	04/05/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.03		MG/L	II	100	110	56	66		
	W80M2A	04/05/2000	504	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	04/05/2000	8151	{ND on all 18} analytes				II	100	110	56	66		
	W80M2A	04/05/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.03	J	MG/L	II	100	110	56	66	30	
	W80M2A	04/05/2000	353.2M	NITRATE/NITRITE (AS N)	0.03		MG/L	II	100	110	56	66	10	
	W80M2A	04/05/2000	8021W	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	04/05/2000	8330N	{ND on all 18} analytes				II	100	110	56	66		
	W80M2A	04/05/2000	CYAN	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	04/05/2000	IM40HD	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	04/05/2000	IM40HG	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	04/05/2000	IM40MB	ALUMINUM	23.5	J	UG/L	II	100	110	56	66		
	W80M2A	04/05/2000	IM40MB	BORON	4.9	J	UG/L	II	100	110	56	66	600	
	W80M2A	04/05/2000	IM40MB	CALCIUM	2010		UG/L	II	100	110	56	66		
	W80M2A	04/05/2000	IM40MB	MAGNESIUM	1200		UG/L	II	100	110	56	66		
	W80M2A	04/05/2000	IM40MB	MANGANESE	2.6		UG/L	II	100	110	56	66		
	W80M2A	04/05/2000	IM40MB	MOLYBDENUM	2.3	J	UG/L	II	100	110	56	66	40	
	W80M2A	04/05/2000	IM40MB	POTASSIUM	870		UG/L	II	100	110	56	66		
	W80M2A	04/05/2000	IM40MB	SODIUM	6300		UG/L	II	100	110	56	66	20000	
	W80M2A	04/05/2000	OC21B	{ND on all 64} analytes				II	100	110	56	66		
	W80M2A	04/05/2000	OC21V	CHLOROFORM	1		UG/L	II	100	110	56	66	80	
	W80M2A	04/05/2000	OL21P	{ND on all 28} analytes				II	100	110	56	66		
	W80M2A	04/05/2000	TOC	TOTAL ORGANIC CARBON	1.7	J	MG/L	II	100	110	56	66		
	W80M2A	08/18/2000	300.0	CHLORIDE (AS CL)	9.7		MG/L	3	100	110	56	66		
	W80M2A	08/18/2000	300.0	SULFATE (AS SO4)	5.1		MG/L	3	100	110	56	66		
	W80M2A	08/18/2000	310.1	ALKALINITY, BICARBONATE (AS C	5		MG/L	3	100	110	56	66		
	W80M2A	08/18/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	5		MG/L	3	100	110	56	66		
	W80M2A	08/18/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.03		MG/L	3	100	110	56	66		
	W80M2A	08/18/2000	504	{ND on all 1} analytes				3	100	110	56	66		
	W80M2A	08/18/2000	8151	{ND on all 16} analytes				3	100	110	56	66		
	W80M2A	08/18/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.03		MG/L	3	100	110	56	66	30	
	W80M2A	08/18/2000	353.2M	NITRATE/NITRITE (AS N)	0.03		MG/L	3	100	110	56	66	10	
	W80M2A	08/18/2000	8021W	{ND on all 1} analytes				3	100	110	56	66		
	W80M2A	08/18/2000	8330N	{ND on all 19} analytes				3	100	110	56	66		
	W80M2A	08/18/2000	CYAN	{ND on all 1} analytes				3	100	110	56	66		
	W80M2A	08/18/2000	E314.0	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	08/18/2000	IM40HD	{ND on all 1} analytes				3	100	110	56	66		
	W80M2A	08/18/2000	IM40HG	{ND on all 1} analytes				3	100	110	56	66		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W80M2A	08/18/2000	IM40MB	ALUMINUM	64.7		UG/L	3	100	110	56	66		
	W80M2A	08/18/2000	IM40MB	BORON	7.3	J	UG/L	3	100	110	56	66	600	
	W80M2A	08/18/2000	IM40MB	CALCIUM	2000		UG/L	3	100	110	56	66		
	W80M2A	08/18/2000	IM40MB	IRON	72.6	J	UG/L	3	100	110	56	66		
	W80M2A	08/18/2000	IM40MB	MAGNESIUM	1220		UG/L	3	100	110	56	66		
	W80M2A	08/18/2000	IM40MB	MANGANESE	1.6	J	UG/L	3	100	110	56	66		
	W80M2A	08/18/2000	IM40MB	POTASSIUM	654	J	UG/L	3	100	110	56	66		
	W80M2A	08/18/2000	IM40MB	SODIUM	6490		UG/L	3	100	110	56	66	20000	
	W80M2A	08/18/2000	OC21V	CHLOROFORM	1		UG/L	3	100	110	56	66	80	
	W80M2A	08/18/2000	OL21P	{ND on all 28} analytes				3	100	110	56	66		
	W80M2A	08/18/2000	SW8270	{ND on all 77} analytes				3	100	110	56	66		
	W80M2A	08/18/2000	TOC	TOTAL ORGANIC CARBON	1.1		MG/L	3	100	110	56	66		
	W80M2A	08/20/2001	8151	CHLORAMBEN	0.28	NJ	UG/L	II	100	110	56	66	100	
	W80M2A	08/20/2001	8330NX	{ND on all 22} analytes				II	100	110	56	66		
	W80M2A	08/20/2001	E314.0	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	08/20/2001	ILSBTL	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	08/20/2001	IM40HD	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	08/20/2001	IM40HG	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	08/20/2001	IM40MB	ALUMINUM	15	J	UG/L	II	100	110	56	66		
	W80M2A	08/20/2001	IM40MB	BORON	6.6		UG/L	II	100	110	56	66	600	
	W80M2A	08/20/2001	IM40MB	CALCIUM	2140		UG/L	II	100	110	56	66		
	W80M2A	08/20/2001	IM40MB	IRON	29.6	J	UG/L	II	100	110	56	66		
	W80M2A	08/20/2001	IM40MB	MAGNESIUM	1140		UG/L	II	100	110	56	66		
	W80M2A	08/20/2001	IM40MB	POTASSIUM	659		UG/L	II	100	110	56	66		
	W80M2A	08/20/2001	IM40MB	SODIUM	6540		UG/L	II	100	110	56	66	20000	
	W80M2A	08/20/2001	IM40MB	ZINC	1.5	J	UG/L	II	100	110	56	66	2000	
	W80M2A	08/20/2001	OC21V	CHLOROFORM	1		UG/L	II	100	110	56	66	80	
	W80M2A	08/20/2001	OL21P	{ND on all 28} analytes				II	100	110	56	66		
	W80M2A	08/20/2001	SW8270	{ND on all 77} analytes				II	100	110	56	66		
	W80M2A	02/28/2002	8330N	{ND on all 19} analytes				II	100	110	56	66		
	W80M2A	02/28/2002	E314.0	PERCHLORATE	0.85	J	UG/L	II	100	110	56	66		
	W80M2A	03/27/2002	8330N	{ND on all 19} analytes				II	100	110	56	66		
	W80M2A	03/27/2002	E314.0	PERCHLORATE	0.97	J	UG/L	II	100	110	56	66		
	W80M2A	03/27/2002	OC21V	CHLOROFORM	1		UG/L	II	100	110	56	66	80	
	W80M2A	05/03/2002	8330N	{ND on all 19} analytes				II	100	110	56	66		
	W80M2A	05/03/2002	E314.0	PERCHLORATE	0.79	J	UG/L	II	100	110	56	66		
	W80M2A	05/03/2002	OC21V	CHLOROFORM	1		UG/L	II	100	110	56	66	80	
	W80M2A	06/08/2002	8330N	{ND on all 19} analytes				II	100	110	56	66		
	W80M2A	06/08/2002	E314.0	PERCHLORATE	0.86	J	UG/L	II	100	110	56	66		
	W80M2A	06/08/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	100	110	56	66	80	
	W80M2A	07/15/2002	E314.0	PERCHLORATE	0.56	J	UG/L	II	100	110	56	66		
	W80M2A	08/06/2002	8151	{ND on all 16} analytes				II	100	110	56	66		
	W80M2A	08/06/2002	8330NX	{ND on all 22} analytes				II	100	110	56	66		
	W80M2A	08/06/2002	E314.0	PERCHLORATE	0.65	J	UG/L	II	100	110	56	66		
	W80M2A	08/06/2002	ILSBTL	{ND on all 1} analytes				II	100	110	56	66		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W80M2A	08/06/2002	IM40HD	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	08/06/2002	IM40HG	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	08/06/2002	IM40MB	ALUMINUM	76.7		UG/L	II	100	110	56	66		
	W80M2A	08/06/2002	IM40MB	BORON	9.5		UG/L	II	100	110	56	66	600	
	W80M2A	08/06/2002	IM40MB	CALCIUM	2050		UG/L	II	100	110	56	66		
	W80M2A	08/06/2002	IM40MB	MAGNESIUM	1180		UG/L	II	100	110	56	66		
	W80M2A	08/06/2002	IM40MB	POTASSIUM	710		UG/L	II	100	110	56	66		
	W80M2A	08/06/2002	IM40MB	SODIUM	6720		UG/L	II	100	110	56	66	20000	
	W80M2A	08/06/2002	OC21V	CHLOROFORM	1		UG/L	II	100	110	56	66	80	
	W80M2A	08/06/2002	SW8270	{ND on all 76} analytes				II	100	110	56	66		
	W80M2A	09/10/2002	E314.0	PERCHLORATE	0.57	J	UG/L	II	100	110	56	66		
	W80M2D	09/10/2002	E314.0	PERCHLORATE	0.57	J	UG/L	II	100	110	56	66		
	W80M2A	10/10/2002	E314.0	PERCHLORATE	0.53	J	UG/L	II	100	110	56	66		
	W80M2A	12/12/2002	E314.0	PERCHLORATE	0.63	J	UG/L	II	100	110	56	66		
	W80M2A	01/22/2003	E314.0	PERCHLORATE	0.5	J	UG/L	II	100	110	56	66		
	W80M2A	02/06/2003	8330N	{ND on all 19} analytes				II	100	110	56	66		
	W80M2A	02/06/2003	E314.0	PERCHLORATE	0.59	J	UG/L	II	100	110	56	66		
	W80M2A	02/06/2003	OC21V	CHLOROFORM	1		UG/L	II	100	110	56	66	80	
	W80M2A	03/19/2003	E314.0	PERCHLORATE	0.62	J	UG/L	II	100	110	56	66		
	W80M2A	05/12/2003	8330N	{ND on all 19} analytes				II	100	110	56	66		
	W80M2A	05/12/2003	E314.0	PERCHLORATE	0.74	J	UG/L	II	100	110	56	66		
	W80M2A	05/12/2003	E314.0	PERCHLORATE	0.72	J	UG/L	II	100	110	56	66		
	W80M2A-DA	05/12/2003	E314.0	PERCHLORATE	0.82	J	UG/L	3	100	110	56	66		
	W80M2A	05/12/2003	OC21V	CHLOROFORM	1		UG/L	II	100	110	56	66	80	
	W80M2A	06/11/2003	E314.0	PERCHLORATE	0.56	J	UG/L	II	100	110	56	66		
	W80M2A	07/08/2003	E314.0	PERCHLORATE	0.66	J	UG/L	II	100	110	56	66		
	W80M2A	08/08/2003	E314.0	PERCHLORATE	0.47	J	UG/L	II	100	110	56	66		
	W80M2D	08/08/2003	E314.0	PERCHLORATE	0.52	J	UG/L	II	100	110	56	66		
	W80M2A	09/15/2003	8151	{ND on all 18} analytes				II	100	110	56	66		
	W80M2A	09/15/2003	6020SB	{ND on all 2} analytes				II	100	110	56	66		
	W80M2A	09/15/2003	8330NX	{ND on all 22} analytes				II	100	110	56	66		
	W80M2A	09/15/2003	E314.0	PERCHLORATE	0.55	J	UG/L	II	100	110	56	66		
	W80M2A	09/15/2003	IM40HD	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	09/15/2003	IM40HG	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	09/15/2003	IM40MB	BORON	6.6	J	UG/L	II	100	110	56	66	600	
	W80M2A	09/15/2003	IM40MB	CALCIUM	2250		UG/L	II	100	110	56	66		
	W80M2A	09/15/2003	IM40MB	MAGNESIUM	1360		UG/L	II	100	110	56	66		
	W80M2A	09/15/2003	IM40MB	SODIUM	6130		UG/L	II	100	110	56	66	20000	
	W80M2A	09/15/2003	OC21V	CHLOROFORM	1		UG/L	II	100	110	56	66	80	
	W80M2A	09/15/2003	SW8270	{ND on all 78} analytes				II	100	110	56	66		
	W80M2A	10/15/2003	E314.0	PERCHLORATE	0.62	J	UG/L	II	100	110	56	66		
	W80M2A	11/22/2003	E314.0	PERCHLORATE	0.56	J	UG/L	II	100	110	56	66		
	W80M2A	12/10/2003	E314.0	PERCHLORATE	0.49	J	UG/L	II	100	110	56	66		
	W80M2A	01/10/2004	8330N	{ND on all 19} analytes				II	100	110	56	66		
	W80M2A	01/10/2004	E314.0	PERCHLORATE	0.54	J	UG/L	II	100	110	56	66		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W80M2A	01/10/2004	OC21VM	CHLOROFORM	1		UG/L	II	100	110	56	66	80	
	W80M2A	02/12/2004	E314.0	PERCHLORATE	0.45	J	UG/L	3	100	110	56	66		
	W80M2A	03/11/2004	E314.0	PERCHLORATE	0.43	J	UG/L	II	100	110	56	66		
	W80M2A	04/08/2004	8330N	{ND on all 19} analytes				3	100	110	56	66		
	W80M2A	04/08/2004	E314.0	PERCHLORATE	0.43	J	UG/L	II	100	110	56	66		
	W80M2A	04/08/2004	OC21VM	CHLOROFORM	1		UG/L	3	100	110	56	66	80	
	W80M2A	04/08/2004	OC21VM	CHLOROMETHANE	7		UG/L	3	100	110	56	66	30	
	W80M2A	09/10/2004	6020SB	{ND on all 2} analytes				II	100	110	56	66		
	W80M2A	09/10/2004	8330N	{ND on all 19} analytes				II	100	110	56	66		
	W80M2A	09/10/2004	E314.0	PERCHLORATE	0.35	J	UG/L	II	100	110	56	66		
	W80M2A	09/10/2004	IM40HD	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	09/10/2004	IM40HG	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	09/10/2004	IM40MBM	BORON	9.3	J	UG/L	II	100	110	56	66	600	
	W80M2A	09/10/2004	IM40MBM	CALCIUM	2880		UG/L	II	100	110	56	66		
	W80M2A	09/10/2004	IM40MBM	MAGNESIUM	1680		UG/L	II	100	110	56	66		
	W80M2A	09/10/2004	IM40MBM	SODIUM	7450		UG/L	II	100	110	56	66	20000	
	W80M2A	09/10/2004	OC21VM	CHLOROFORM	1		UG/L	II	100	110	56	66	80	
	W80M2A	09/10/2004	SW8270	{ND on all 77} analytes				II	100	110	56	66		
	W80M2A	02/08/2005	8330N	{ND on all 19} analytes				II	100	110	56	66		
	W80M2A	02/08/2005	E314.0	PERCHLORATE	0.42	J	UG/L	II	100	110	56	66		
	W80M2A	02/08/2005	OC21VM	CHLOROFORM	1		UG/L	II	100	110	56	66	80	
	W80M2A	05/12/2005	8330N	{ND on all 19} analytes				II	100	110	56	66		
	W80M2A	05/12/2005	E314.0	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	05/12/2005	OC21VM	CHLOROFORM	1		UG/L	II	100	110	56	66	80	
	W80M2A	07/27/2005	6020SB	{ND on all 2} analytes				3	100	110	56	66		
	W80M2A	07/27/2005	8330N	{ND on all 19} analytes				3	100	110	56	66		
	W80M2A	07/27/2005	E314.0	{ND on all 1} analytes				3	100	110	56	66		
	W80M2A	07/27/2005	IM40HG	{ND on all 1} analytes				3	100	110	56	66		
	W80M2A	07/27/2005	IM40MBM	BORON	10.7	J	UG/L	3	100	110	56	66	600	
	W80M2A	07/27/2005	IM40MBM	CALCIUM	2820		UG/L	3	100	110	56	66		
	W80M2A	07/27/2005	IM40MBM	SODIUM	7170		UG/L	3	100	110	56	66	20000	
	W80M2A	07/27/2005	OC21VM	CHLOROFORM	1		UG/L	3	100	110	56	66	80	
	W80M2A	07/27/2005	OC21VM	CHLOROMETHANE	0.4	J	UG/L	3	100	110	56	66	30	
	W80M2A	07/27/2005	SW8270	{ND on all 77} analytes				3	100	110	56	66		
	W80M2A	02/08/2006	8330N	{ND on all 19} analytes				II	100	110	56	66		
	W80M2A	02/08/2006	E314.0	{ND on all 1} analytes				II	100	110	56	66		
	W80M2A	02/08/2006	OC21VM	CHLOROFORM	1		UG/L	II	100	110	56	66	80	
MW-80M3	W80M3A	09/23/1999	300.0	CHLORIDE (AS CL)	10.2		MG/L	II	70	80	26	36		
	W80M3A	09/23/1999	300.0	SULFATE (AS SO4)	5.9		MG/L	II	70	80	26	36		
	W80M3A	09/23/1999	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	70	80	26	36		
	W80M3A	09/23/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	70	80	26	36		
	W80M3A	09/23/1999	365.2	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	09/23/1999	504	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	09/23/1999	8151	{ND on all 18} analytes				II	70	80	26	36		
	W80M3A	09/23/1999	350.2M	{ND on all 1} analytes				II	70	80	26	36		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W80M3A	09/23/1999	353.2M	NITRATE/NITRITE (AS N)	0.04		MG/L	II	70	80	26	36	10	
	W80M3A	09/23/1999	8021W	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	09/23/1999	8330N	{ND on all 19} analytes				II	70	80	26	36		
	W80M3A	09/23/1999	CYAN	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	09/23/1999	IM40HD	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	09/23/1999	IM40HG	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	09/23/1999	IM40MB	CALCIUM	1890		UG/L	II	70	80	26	36		
	W80M3A	09/23/1999	IM40MB	CHROMIUM, TOTAL	0.97	J	UG/L	II	70	80	26	36	100	
	W80M3A	09/23/1999	IM40MB	MAGNESIUM	1260		UG/L	II	70	80	26	36		
	W80M3A	09/23/1999	IM40MB	MANGANESE	4.7		UG/L	II	70	80	26	36		
	W80M3A	09/23/1999	IM40MB	POTASSIUM	520	J	UG/L	II	70	80	26	36		
	W80M3A	09/23/1999	IM40MB	SODIUM	6510		UG/L	II	70	80	26	36	20000	
	W80M3A	09/23/1999	OC21B	{ND on all 64} analytes				II	70	80	26	36		
	W80M3A	09/23/1999	OC21V	CHLOROFORM	2		UG/L	II	70	80	26	36	80	
	W80M3A	09/23/1999	OL21P	{ND on all 28} analytes				II	70	80	26	36		
	W80M3A	09/23/1999	TOC	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	01/06/2000	300.0	CHLORIDE (AS CL)	8.8		MG/L	II	70	80	26	36		
	W80M3A	01/06/2000	300.0	SULFATE (AS SO4)	5.6		MG/L	II	70	80	26	36		
	W80M3A	01/06/2000	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	70	80	26	36		
	W80M3A	01/06/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	70	80	26	36		
	W80M3A	01/06/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	II	70	80	26	36		
	W80M3A	01/06/2000	504	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	01/06/2000	8151	{ND on all 16} analytes				II	70	80	26	36		
	W80M3A	01/06/2000	350.2M	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	01/06/2000	353.2M	NITRATE/NITRITE (AS N)	0.03		MG/L	II	70	80	26	36	10	
	W80M3A	01/06/2000	8021W	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	01/06/2000	8330N	{ND on all 18} analytes				II	70	80	26	36		
	W80M3A	01/06/2000	CYAN	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	01/06/2000	IM40HD	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	01/06/2000	IM40HG	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	01/06/2000	IM40MB	BORON	7.8	J	UG/L	II	70	80	26	36	600	
	W80M3A	01/06/2000	IM40MB	CALCIUM	1780		UG/L	II	70	80	26	36		
	W80M3A	01/06/2000	IM40MB	MAGNESIUM	1230		UG/L	II	70	80	26	36		
	W80M3A	01/06/2000	IM40MB	MANGANESE	1.8		UG/L	II	70	80	26	36		
	W80M3A	01/06/2000	IM40MB	POTASSIUM	569		UG/L	II	70	80	26	36		
	W80M3A	01/06/2000	IM40MB	SODIUM	6090		UG/L	II	70	80	26	36	20000	
	W80M3A	01/06/2000	OC21B	{ND on all 64} analytes				II	70	80	26	36		
	W80M3A	01/06/2000	OC21V	CHLOROFORM	2		UG/L	II	70	80	26	36	80	
	W80M3A	01/06/2000	OL21P	{ND on all 28} analytes				II	70	80	26	36		
	W80M3A	01/06/2000	TOC	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	04/06/2000	300.0	CHLORIDE (AS CL)	9.4		MG/L	II	70	80	26	36		
	W80M3A	04/06/2000	300.0	SULFATE (AS SO4)	6		MG/L	II	70	80	26	36		
	W80M3A	04/06/2000	310.1	ALKALINITY, BICARBONATE (AS C	8		MG/L	II	70	80	26	36		
	W80M3A	04/06/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	8		MG/L	II	70	80	26	36		
	W80M3A	04/06/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.03		MG/L	II	70	80	26	36		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W80M3A	04/06/2000	504	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	04/06/2000	8151	{ND on all 18} analytes				II	70	80	26	36		
	W80M3A	04/06/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.05	J	MG/L	II	70	80	26	36	30	
	W80M3A	04/06/2000	353.2M	NITRATE/NITRITE (AS N)	0.03		MG/L	II	70	80	26	36	10	
	W80M3A	04/06/2000	8021W	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	04/06/2000	8330N	{ND on all 18} analytes				II	70	80	26	36		
	W80M3A	04/06/2000	CYAN	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	04/06/2000	IM40HD	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	04/06/2000	IM40HG	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	04/06/2000	IM40MB	BORON	4.6	J	UG/L	II	70	80	26	36	600	
	W80M3A	04/06/2000	IM40MB	CALCIUM	1800		UG/L	II	70	80	26	36		
	W80M3A	04/06/2000	IM40MB	MAGNESIUM	1190		UG/L	II	70	80	26	36		
	W80M3A	04/06/2000	IM40MB	MANGANESE	1.8	J	UG/L	II	70	80	26	36		
	W80M3A	04/06/2000	IM40MB	NICKEL	4.8	J	UG/L	II	70	80	26	36	100	
	W80M3A	04/06/2000	IM40MB	POTASSIUM	709		UG/L	II	70	80	26	36		
	W80M3A	04/06/2000	IM40MB	SODIUM	6240		UG/L	II	70	80	26	36	20000	
	W80M3A	04/06/2000	OC21B	{ND on all 64} analytes				II	70	80	26	36		
	W80M3A	04/06/2000	OC21V	CHLOROFORM	2		UG/L	II	70	80	26	36	80	
	W80M3A	04/06/2000	OL21P	{ND on all 28} analytes				II	70	80	26	36		
	W80M3A	04/06/2000	TOC	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	08/21/2000	300.0	CHLORIDE (AS CL)	9.3		MG/L	3	70	80	26	36		
	W80M3A	08/21/2000	300.0	SULFATE (AS SO4)	5.7		MG/L	3	70	80	26	36		
	W80M3A	08/21/2000	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	3	70	80	26	36		
	W80M3A	08/21/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	3	70	80	26	36		
	W80M3A	08/21/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	3	70	80	26	36		
	W80M3A	08/21/2000	504	{ND on all 1} analytes				3	70	80	26	36		
	W80M3A	08/21/2000	8151	CHLORAMBEN	0.13	NJ	UG/L	3	70	80	26	36	100	
	W80M3A	08/21/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.03	J	MG/L	3	70	80	26	36	30	
	W80M3A	08/21/2000	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	3	70	80	26	36	10	
	W80M3A	08/21/2000	8021W	{ND on all 1} analytes				3	70	80	26	36		
	W80M3A	08/21/2000	8330N	{ND on all 19} analytes				3	70	80	26	36		
	W80M3A	08/21/2000	CYAN	{ND on all 1} analytes				3	70	80	26	36		
	W80M3A	08/21/2000	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	08/21/2000	IM40HD	{ND on all 1} analytes				3	70	80	26	36		
	W80M3A	08/21/2000	IM40HG	{ND on all 1} analytes				3	70	80	26	36		
	W80M3A	08/21/2000	IM40MB	BORON	7.3	J	UG/L	3	70	80	26	36	600	
	W80M3A	08/21/2000	IM40MB	CALCIUM	1670		UG/L	3	70	80	26	36		
	W80M3A	08/21/2000	IM40MB	MAGNESIUM	1170		UG/L	3	70	80	26	36		
	W80M3A	08/21/2000	IM40MB	POTASSIUM	651	J	UG/L	3	70	80	26	36		
	W80M3A	08/21/2000	IM40MB	SELENIUM	2.8	J	UG/L	3	70	80	26	36	50	
	W80M3A	08/21/2000	IM40MB	SODIUM	6470		UG/L	3	70	80	26	36	20000	
	W80M3A	08/21/2000	OC21V	CHLOROFORM	2		UG/L	3	70	80	26	36	80	
	W80M3A	08/21/2000	OL21P	{ND on all 28} analytes				3	70	80	26	36		
	W80M3A	08/21/2000	SW8270	{ND on all 77} analytes				3	70	80	26	36		
	W80M3A	08/21/2000	TOC	TOTAL ORGANIC CARBON	1.6		MG/L	3	70	80	26	36		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W80M3A	08/20/2001	8151	{ND on all 17} analytes				II	70	80	26	36		
	W80M3A	08/20/2001	8330NX	{ND on all 22} analytes				II	70	80	26	36		
	W80M3A	08/20/2001	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	08/20/2001	ILSBTL	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	08/20/2001	IM40HD	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	08/20/2001	IM40HG	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	08/20/2001	IM40MB	ALUMINUM	13	J	UG/L	II	70	80	26	36		
	W80M3A	08/20/2001	IM40MB	BORON	7.9		UG/L	II	70	80	26	36	600	
	W80M3A	08/20/2001	IM40MB	CALCIUM	1700		UG/L	II	70	80	26	36		
	W80M3A	08/20/2001	IM40MB	CHROMIUM, TOTAL	0.77	J	UG/L	II	70	80	26	36	100	
	W80M3A	08/20/2001	IM40MB	IRON	32.3	J	UG/L	II	70	80	26	36		
	W80M3A	08/20/2001	IM40MB	MAGNESIUM	1160		UG/L	II	70	80	26	36		
	W80M3A	08/20/2001	IM40MB	POTASSIUM	610		UG/L	II	70	80	26	36		
	W80M3A	08/20/2001	IM40MB	SODIUM	6250		UG/L	II	70	80	26	36	20000	
	W80M3A	08/20/2001	IM40MB	ZINC	1.5	J	UG/L	II	70	80	26	36	2000	
	W80M3A	08/20/2001	OC21V	CHLOROFORM	2		UG/L	II	70	80	26	36	80	
	W80M3A	08/20/2001	OL21P	{ND on all 28} analytes				II	70	80	26	36		
	W80M3A	08/20/2001	SW8270	{ND on all 77} analytes				II	70	80	26	36		
	W80M3A	02/27/2002	8330N	{ND on all 19} analytes				II	70	80	26	36		
	W80M3A	02/27/2002	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	03/27/2002	8330N	{ND on all 19} analytes				II	70	80	26	36		
	W80M3A	03/27/2002	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	03/27/2002	OC21V	CHLOROFORM	2		UG/L	II	70	80	26	36	80	
	W80M3A	05/02/2002	8330N	{ND on all 19} analytes				II	70	80	26	36		
	W80M3A	05/02/2002	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	05/02/2002	OC21V	CHLOROFORM	2		UG/L	II	70	80	26	36	80	
	W80M3A	06/09/2002	8330N	{ND on all 19} analytes				II	70	80	26	36		
	W80M3A	06/09/2002	E314.0	PERCHLORATE	0.54	J	UG/L	II	70	80	26	36		
	W80M3A	06/09/2002	OC21V	CHLOROFORM	2		UG/L	II	70	80	26	36	80	
	W80M3A	07/15/2002	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3D	07/15/2002	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	08/07/2002	8151	{ND on all 17} analytes				II	70	80	26	36		
	W80M3A	08/07/2002	8330NX	{ND on all 22} analytes				II	70	80	26	36		
	W80M3A	08/07/2002	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	08/07/2002	ILSBTL	{ND on all 2} analytes				II	70	80	26	36		
	W80M3A	08/07/2002	IM40HD	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	08/07/2002	IM40HG	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	08/07/2002	IM40MB	CALCIUM	1660		UG/L	II	70	80	26	36		
	W80M3A	08/07/2002	IM40MB	MAGNESIUM	1100		UG/L	II	70	80	26	36		
	W80M3A	08/07/2002	IM40MB	MANGANESE	1.1	J	UG/L	II	70	80	26	36		
	W80M3A	08/07/2002	IM40MB	POTASSIUM	695		UG/L	II	70	80	26	36		
	W80M3A	08/07/2002	IM40MB	SODIUM	6550		UG/L	II	70	80	26	36	20000	
	W80M3A	08/07/2002	IM40MB	ZINC	3.8		UG/L	II	70	80	26	36	2000	
	W80M3A	08/07/2002	OC21V	CHLOROFORM	2		UG/L	II	70	80	26	36	80	
	W80M3A	08/07/2002	SW8270	{ND on all 78} analytes				II	70	80	26	36		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W80M3A	09/10/2002	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	10/10/2002	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	12/12/2002	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	01/22/2003	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	02/06/2003	8330N	{ND on all 19} analytes				II	70	80	26	36		
	W80M3A	02/06/2003	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	02/06/2003	OC21V	CHLOROFORM	2		UG/L	II	70	80	26	36	80	
	W80M3A	03/19/2003	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	05/12/2003	8330N	{ND on all 19} analytes				II	70	80	26	36		
	W80M3A	05/12/2003	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	05/12/2003	OC21V	CHLOROFORM	2		UG/L	II	70	80	26	36	80	
	W80M3A	06/11/2003	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	07/11/2003	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3D	07/11/2003	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	08/08/2003	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	09/15/2003	8151	{ND on all 17} analytes				II	70	80	26	36		
	W80M3A	09/15/2003	6020SB	{ND on all 2} analytes				II	70	80	26	36		
	W80M3A	09/15/2003	8330NX	{ND on all 22} analytes				II	70	80	26	36		
	W80M3A	09/15/2003	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	09/15/2003	IM40HD	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	09/15/2003	IM40HG	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	09/15/2003	IM40MB	BORON	7	J	UG/L	II	70	80	26	36	600	
	W80M3A	09/15/2003	IM40MB	CALCIUM	1880		UG/L	II	70	80	26	36		
	W80M3A	09/15/2003	IM40MB	MAGNESIUM	1310		UG/L	II	70	80	26	36		
	W80M3A	09/15/2003	IM40MB	SODIUM	6450		UG/L	II	70	80	26	36	20000	
	W80M3A	09/15/2003	OC21V	CHLOROFORM	2		UG/L	II	70	80	26	36	80	
	W80M3A	09/15/2003	SW8270	{ND on all 78} analytes				II	70	80	26	36		
	W80M3A	10/15/2003	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	11/22/2003	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	12/11/2003	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3D	12/11/2003	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	01/10/2004	8330N	{ND on all 19} analytes				II	70	80	26	36		
	W80M3A	01/10/2004	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	01/10/2004	OC21VM	CHLOROFORM	3		UG/L	II	70	80	26	36	80	
	W80M3A	02/12/2004	E314.0	{ND on all 1} analytes				3	70	80	26	36		
	W80M3D	02/12/2004	E314.0	{ND on all 1} analytes				3	70	80	26	36		
	W80M3A	03/11/2004	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3D	03/11/2004	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	04/08/2004	8330N	{ND on all 19} analytes				3	70	80	26	36		
	W80M3A	04/08/2004	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	04/08/2004	OC21VM	CHLOROFORM	2		UG/L	3	70	80	26	36	80	
	W80M3A	09/10/2004	6020SB	{ND on all 2} analytes				II	70	80	26	36		
	W80M3A	09/10/2004	8330N	{ND on all 19} analytes				II	70	80	26	36		
	W80M3A	09/10/2004	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	09/10/2004	IM40HD	{ND on all 1} analytes				II	70	80	26	36		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W80M3A	09/10/2004	IM40HG	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	09/10/2004	IM40MBM	BORON	8.4	J	UG/L	II	70	80	26	36	600	
	W80M3A	09/10/2004	IM40MBM	CALCIUM	1930		UG/L	II	70	80	26	36		
	W80M3A	09/10/2004	IM40MBM	MAGNESIUM	1280		UG/L	II	70	80	26	36		
	W80M3A	09/10/2004	IM40MBM	SODIUM	6800		UG/L	II	70	80	26	36	20000	
	W80M3A	09/10/2004	OC21VM	CHLOROFORM	3		UG/L	II	70	80	26	36	80	
	W80M3A	09/10/2004	SW8270	{ND on all 77} analytes				II	70	80	26	36		
	W80M3A	02/08/2005	8330N	{ND on all 19} analytes				II	70	80	26	36		
	W80M3A	02/08/2005	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	02/08/2005	OC21VM	CHLOROFORM	2		UG/L	II	70	80	26	36	80	
	W80M3A	05/12/2005	8330N	{ND on all 19} analytes				II	70	80	26	36		
	W80M3D	05/12/2005	8330N	{ND on all 19} analytes				II	70	80	26	36		
	W80M3A	05/12/2005	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3D	05/12/2005	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	05/12/2005	OC21VM	CHLOROFORM	2		UG/L	II	70	80	26	36	80	
	W80M3D	05/12/2005	OC21VM	CHLOROFORM	2		UG/L	II	70	80	26	36	80	
	W80M3A	07/27/2005	6020SB	{ND on all 2} analytes				3	70	80	26	36		
	W80M3A	07/27/2005	8330N	{ND on all 19} analytes				3	70	80	26	36		
	W80M3A	07/27/2005	E314.0	{ND on all 1} analytes				3	70	80	26	36		
	W80M3A	07/27/2005	IM40HG	{ND on all 1} analytes				3	70	80	26	36		
	W80M3A	07/27/2005	IM40MBM	CALCIUM	1920		UG/L	3	70	80	26	36		
	W80M3A	07/27/2005	IM40MBM	SODIUM	6180		UG/L	3	70	80	26	36	20000	
	W80M3A	07/27/2005	IM40MBM	ZINC	6.3	J	UG/L	3	70	80	26	36	2000	
	W80M3A	07/27/2005	OC21VM	CHLOROFORM	2		UG/L	3	70	80	26	36	80	
	W80M3A	07/27/2005	SW8270	{ND on all 77} analytes				3	70	80	26	36		
	W80M3A	02/07/2006	8330N	{ND on all 19} analytes				II	70	80	26	36		
	W80M3D	02/07/2006	8330N	{ND on all 19} analytes				II	70	80	26	36		
	W80M3A	02/07/2006	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3D	02/07/2006	E314.0	{ND on all 1} analytes				II	70	80	26	36		
	W80M3A	02/07/2006	OC21VM	CHLOROFORM	2		UG/L	II	70	80	26	36	80	
	W80M3D	02/07/2006	OC21VM	CHLOROFORM	2		UG/L	II	70	80	26	36	80	
MW-80S	W80SSA	09/23/1999	300.0	CHLORIDE (AS CL)	8.7		MG/L	II	43	53	0	10		
	W80SSA	09/23/1999	300.0	SULFATE (AS SO4)	6.4		MG/L	II	43	53	0	10		
	W80SSA	09/23/1999	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	43	53	0	10		
	W80SSA	09/23/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	43	53	0	10		
	W80SSA	09/23/1999	365.2	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	09/23/1999	504	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	09/23/1999	8151	{ND on all 18} analytes				II	43	53	0	10		
	W80SSA	09/23/1999	350.2M	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	09/23/1999	353.2M	NITRATE/NITRITE (AS N)	0.09		MG/L	II	43	53	0	10	10	
	W80SSA	09/23/1999	8021W	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	09/23/1999	8330N	{ND on all 19} analytes				II	43	53	0	10		
	W80SSA	09/23/1999	CYAN	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	09/23/1999	IM40HD	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	09/23/1999	IM40HG	{ND on all 1} analytes				II	43	53	0	10		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W80SSA	09/23/1999	IM40MB	BARIUM	7.6	J	UG/L	II	43	53	0	10	2000	
	W80SSA	09/23/1999	IM40MB	CALCIUM	1340		UG/L	II	43	53	0	10		
	W80SSA	09/23/1999	IM40MB	MAGNESIUM	1220		UG/L	II	43	53	0	10		
	W80SSA	09/23/1999	IM40MB	MANGANESE	39.2		UG/L	II	43	53	0	10		
	W80SSA	09/23/1999	IM40MB	MOLYBDENUM	1.7	J	UG/L	II	43	53	0	10	40	
	W80SSA	09/23/1999	IM40MB	POTASSIUM	899		UG/L	II	43	53	0	10		
	W80SSA	09/23/1999	IM40MB	SODIUM	6580		UG/L	II	43	53	0	10	20000	
	W80SSA	09/23/1999	OC21B	{ND on all 64} analytes				II	43	53	0	10		
	W80SSA	09/23/1999	OC21V	CHLOROFORM	2		UG/L	II	43	53	0	10	80	
	W80SSA	09/23/1999	OL21P	{ND on all 28} analytes				II	43	53	0	10		
	W80SSA	09/23/1999	TOC	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	01/06/2000	300.0	CHLORIDE (AS CL)	8.5		MG/L	II	43	53	0	10		
	W80SSA	01/06/2000	300.0	SULFATE (AS SO4)	5.7		MG/L	II	43	53	0	10		
	W80SSA	01/06/2000	310.1	ALKALINITY, BICARBONATE (AS C	3		MG/L	II	43	53	0	10		
	W80SSA	01/06/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	3		MG/L	II	43	53	0	10		
	W80SSA	01/06/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.01		MG/L	II	43	53	0	10		
	W80SSA	01/06/2000	504	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	01/06/2000	8151	{ND on all 16} analytes				II	43	53	0	10		
	W80SSA	01/06/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.14		MG/L	II	43	53	0	10	30	
	W80SSA	01/06/2000	353.2M	NITRATE/NITRITE (AS N)	0.08		MG/L	II	43	53	0	10	10	
	W80SSA	01/06/2000	8021W	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	01/06/2000	8330N	{ND on all 18} analytes				II	43	53	0	10		
	W80SSA	01/06/2000	CYAN	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	01/06/2000	IM40HD	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	01/06/2000	IM40HG	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	01/06/2000	IM40MB	CALCIUM	1300		UG/L	II	43	53	0	10		
	W80SSA	01/06/2000	IM40MB	MAGNESIUM	1240		UG/L	II	43	53	0	10		
	W80SSA	01/06/2000	IM40MB	MANGANESE	14.5		UG/L	II	43	53	0	10		
	W80SSA	01/06/2000	IM40MB	POTASSIUM	814		UG/L	II	43	53	0	10		
	W80SSA	01/06/2000	IM40MB	SODIUM	6700		UG/L	II	43	53	0	10	20000	
	W80SSA	01/06/2000	OC21B	{ND on all 64} analytes				II	43	53	0	10		
	W80SSA	01/06/2000	OC21V	CHLOROFORM	2		UG/L	II	43	53	0	10	80	
	W80SSA	01/06/2000	OL21P	{ND on all 28} analytes				II	43	53	0	10		
	W80SSA	01/06/2000	TOC	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	04/06/2000	300.0	CHLORIDE (AS CL)	9		MG/L	II	43	53	0	10		
	W80SSA	04/06/2000	300.0	SULFATE (AS SO4)	6.3		MG/L	II	43	53	0	10		
	W80SSA	04/06/2000	310.1	ALKALINITY, BICARBONATE (AS C	3		MG/L	II	43	53	0	10		
	W80SSA	04/06/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	3		MG/L	II	43	53	0	10		
	W80SSA	04/06/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.01		MG/L	II	43	53	0	10		
	W80SSA	04/06/2000	504	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	04/06/2000	8151	{ND on all 18} analytes				II	43	53	0	10		
	W80SSA	04/06/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.04	J	MG/L	II	43	53	0	10	30	
	W80SSA	04/06/2000	353.2M	NITRATE/NITRITE (AS N)	0.09		MG/L	II	43	53	0	10	10	
	W80SSA	04/06/2000	8021W	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	04/06/2000	8330N	{ND on all 18} analytes				II	43	53	0	10		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W80SSA	04/06/2000	CYAN	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	04/06/2000	IM40HD	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	04/06/2000	IM40HG	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	04/06/2000	IM40MB	BORON	4.9	J	UG/L	II	43	53	0	10	600	
	W80SSA	04/06/2000	IM40MB	CALCIUM	1260		UG/L	II	43	53	0	10		
	W80SSA	04/06/2000	IM40MB	MAGNESIUM	1290		UG/L	II	43	53	0	10		
	W80SSA	04/06/2000	IM40MB	MANGANESE	17.4		UG/L	II	43	53	0	10		
	W80SSA	04/06/2000	IM40MB	POTASSIUM	1000		UG/L	II	43	53	0	10		
	W80SSA	04/06/2000	IM40MB	SODIUM	5880		UG/L	II	43	53	0	10	20000	
	W80SSA	04/06/2000	IM40MB	ZINC	2.6	J	UG/L	II	43	53	0	10	2000	
	W80SSA	04/06/2000	OC21B	{ND on all 64} analytes				II	43	53	0	10		
	W80SSA	04/06/2000	OC21V	CHLOROFORM	2		UG/L	II	43	53	0	10	80	
	W80SSA	04/06/2000	OL21P	{ND on all 28} analytes				II	43	53	0	10		
	W80SSA	04/06/2000	TOC	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	08/22/2000	300.0	CHLORIDE (AS CL)	8.8		MG/L	II	43	53	0	10		
	W80SSA	08/22/2000	300.0	SULFATE (AS SO4)	5.7		MG/L	II	43	53	0	10		
	W80SSA	08/22/2000	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	43	53	0	10		
	W80SSA	08/22/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	43	53	0	10		
	W80SSA	08/22/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.01	J	MG/L	II	43	53	0	10		
	W80SSA	08/22/2000	504	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	08/22/2000	8151	{ND on all 16} analytes				II	43	53	0	10		
	W80SSA	08/22/2000	350.2M	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	08/22/2000	353.2M	NITRATE/NITRITE (AS N)	0.17		MG/L	II	43	53	0	10	10	
	W80SSA	08/22/2000	8021W	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	08/22/2000	8330N	{ND on all 19} analytes				II	43	53	0	10		
	W80SSA	08/22/2000	CYAN	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	08/22/2000	E314.0	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	08/22/2000	IM40HD	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	08/22/2000	IM40HG	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	08/22/2000	IM40MB	BARIUM	7.1	J	UG/L	II	43	53	0	10	2000	
	W80SSA	08/22/2000	IM40MB	BORON	9.3		UG/L	II	43	53	0	10	600	
	W80SSA	08/22/2000	IM40MB	CALCIUM	1340		UG/L	II	43	53	0	10		
	W80SSA	08/22/2000	IM40MB	COPPER	2.9	J	UG/L	II	43	53	0	10	1300	
	W80SSA	08/22/2000	IM40MB	MAGNESIUM	1420		UG/L	II	43	53	0	10		
	W80SSA	08/22/2000	IM40MB	MANGANESE	7.5		UG/L	II	43	53	0	10		
	W80SSA	08/22/2000	IM40MB	POTASSIUM	1010		UG/L	II	43	53	0	10		
	W80SSA	08/22/2000	IM40MB	SODIUM	6610		UG/L	II	43	53	0	10	20000	
	W80SSA	08/22/2000	OC21V	CHLOROFORM	3		UG/L	II	43	53	0	10	80	
	W80SSA	08/22/2000	OL21P	{ND on all 28} analytes				II	43	53	0	10		
	W80SSA	08/22/2000	SW8270	{ND on all 77} analytes				II	43	53	0	10		
	W80SSA	08/22/2000	TOC	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	08/17/2001	8151	{ND on all 18} analytes				II	43	53	0	10		
	W80SSA	08/17/2001	8330NX	{ND on all 22} analytes				II	43	53	0	10		
	W80SSA	08/17/2001	E314.0	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	08/17/2001	ILSBTL	{ND on all 1} analytes				II	43	53	0	10		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W80SSA	08/17/2001	IM40HD	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	08/17/2001	IM40HG	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	08/17/2001	IM40MB	ALUMINUM	29.2		UG/L	II	43	53	0	10		
	W80SSA	08/17/2001	IM40MB	BARIUM	8.3		UG/L	II	43	53	0	10	2000	
	W80SSA	08/17/2001	IM40MB	BERYLLIUM	0.12	J	UG/L	II	43	53	0	10	4	
	W80SSA	08/17/2001	IM40MB	BORON	8.5		UG/L	II	43	53	0	10	600	
	W80SSA	08/17/2001	IM40MB	CALCIUM	1480		UG/L	II	43	53	0	10		
	W80SSA	08/17/2001	IM40MB	IRON	23.2	J	UG/L	II	43	53	0	10		
	W80SSA	08/17/2001	IM40MB	MAGNESIUM	1450		UG/L	II	43	53	0	10		
	W80SSA	08/17/2001	IM40MB	MANGANESE	6.5		UG/L	II	43	53	0	10		
	W80SSA	08/17/2001	IM40MB	POTASSIUM	807		UG/L	II	43	53	0	10		
	W80SSA	08/17/2001	IM40MB	SODIUM	6250		UG/L	II	43	53	0	10	20000	
	W80SSA	08/17/2001	IM40MB	ZINC	2.2	J	UG/L	II	43	53	0	10	2000	
	W80SSA	08/17/2001	OC21V	CHLOROFORM	4		UG/L	II	43	53	0	10	80	
	W80SSA	08/17/2001	OL21P	{ND on all 28} analytes				II	43	53	0	10		
	W80SSA	08/17/2001	SW8270	{ND on all 77} analytes				II	43	53	0	10		
	W80SSA	02/28/2002	8330N	{ND on all 19} analytes				II	43	53	0	10		
	W80SSD	02/28/2002	8330N	{ND on all 19} analytes				II	43	53	0	10		
	W80SSA	02/28/2002	E314.0	{ND on all 1} analytes				II	43	53	0	10		
	W80SSD	02/28/2002	E314.0	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	03/27/2002	8330N	{ND on all 19} analytes				II	43	53	0	10		
	W80SSA	03/27/2002	E314.0	PERCHLORATE	0.9	J	UG/L	II	43	53	0	10		
	W80SSA	03/27/2002	OC21V	CHLOROFORM	2		UG/L	II	43	53	0	10	80	
	W80SSA	05/30/2002	8330N	{ND on all 19} analytes				II	43	53	0	10		
	W80SSA	05/30/2002	E314.0	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	05/30/2002	OC21V	CHLOROFORM	2		UG/L	II	43	53	0	10	80	
	W80SSA	05/30/2002	OC21V	CHLOROMETHANE	1		UG/L	II	43	53	0	10	30	
	W80SSA	06/24/2002	8330N	{ND on all 19} analytes				II	43	53	0	10		
	W80SSA	06/24/2002	E314.0	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	06/24/2002	OC21V	CHLOROFORM	2		UG/L	II	43	53	0	10	80	
	W80SSA	07/23/2002	E314.0	{ND on all 1} analytes				3	43	53	0	10		
	W80SSD	07/23/2002	E314.0	{ND on all 1} analytes				3	43	53	0	10		
	W80SSA	08/27/2002	8151	{ND on all 17} analytes				II	43	53	0	10		
	W80SSA	08/27/2002	8330NX	{ND on all 22} analytes				II	43	53	0	10		
	W80SSA	08/27/2002	E314.0	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	08/27/2002	ILSBTL	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	08/27/2002	IM40HD	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	08/27/2002	IM40HG	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	08/27/2002	IM40MB	CALCIUM	1280		UG/L	II	43	53	0	10		
	W80SSA	08/27/2002	IM40MB	MAGNESIUM	1270		UG/L	II	43	53	0	10		
	W80SSA	08/27/2002	IM40MB	MANGANESE	7.3		UG/L	II	43	53	0	10		
	W80SSA	08/27/2002	IM40MB	MOLYBDENUM	1.5	J	UG/L	II	43	53	0	10	40	
	W80SSA	08/27/2002	IM40MB	POTASSIUM	602		UG/L	II	43	53	0	10		
	W80SSA	08/27/2002	IM40MB	SODIUM	5360		UG/L	II	43	53	0	10	20000	
	W80SSA	08/27/2002	OC21V	CHLOROFORM	2		UG/L	II	43	53	0	10	80	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W80SSA	08/27/2002	SW8270	{ND on all 78} analytes				II	43	53	0	10		
	W80SSA	10/10/2002	E314.0	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	12/12/2002	E314.0	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	01/22/2003	E314.0	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	02/06/2003	8330N	{ND on all 19} analytes				II	43	53	0	10		
	W80SSA	02/06/2003	E314.0	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	02/06/2003	OC21V	CHLOROFORM	2		UG/L	II	43	53	0	10	80	
	W80SSA	03/19/2003	E314.0	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	05/12/2003	8330N	{ND on all 19} analytes				II	43	53	0	10		
	W80SSA	05/12/2003	E314.0	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	05/12/2003	OC21V	CHLOROFORM	2		UG/L	II	43	53	0	10	80	
	W80SSA	06/11/2003	E314.0	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	07/08/2003	E314.0	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	08/11/2003	E314.0	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	09/16/2003	8151	{ND on all 17} analytes				II	43	53	0	10		
	W80SSA	09/16/2003	6020SB	{ND on all 2} analytes				II	43	53	0	10		
	W80SSA	09/16/2003	8330NX	{ND on all 22} analytes				II	43	53	0	10		
	W80SSA	09/16/2003	E314.0	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	09/16/2003	IM40HD	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	09/16/2003	IM40HG	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	09/16/2003	IM40MB	BORON	6.6	J	UG/L	II	43	53	0	10	600	
	W80SSA	09/16/2003	IM40MB	CALCIUM	1330		UG/L	II	43	53	0	10		
	W80SSA	09/16/2003	IM40MB	MAGNESIUM	1340		UG/L	II	43	53	0	10		
	W80SSA	09/16/2003	IM40MB	MANGANESE	5.2		UG/L	II	43	53	0	10		
	W80SSA	09/16/2003	IM40MB	NICKEL	6.2		UG/L	II	43	53	0	10	100	
	W80SSA	09/16/2003	IM40MB	SODIUM	5470		UG/L	II	43	53	0	10	20000	
	W80SSA	09/16/2003	OC21V	CHLOROFORM	3		UG/L	II	43	53	0	10	80	
	W80SSA	09/16/2003	SW8270	{ND on all 78} analytes				II	43	53	0	10		
	W80SSA	10/16/2003	E314.0	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	11/22/2003	E314.0	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	12/10/2003	E314.0	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	01/10/2004	8330N	{ND on all 19} analytes				II	43	53	0	10		
	W80SSA	01/10/2004	E314.0	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	01/10/2004	OC21VM	CHLOROFORM	3		UG/L	II	43	53	0	10	80	
	W80SSA	02/12/2004	E314.0	{ND on all 1} analytes				3	43	53	0	10		
	W80SSA	03/11/2004	E314.0	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	04/08/2004	8330N	{ND on all 19} analytes				3	43	53	0	10		
	W80SSA	04/08/2004	E314.0	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	04/08/2004	OC21VM	CHLOROFORM	2		UG/L	3	43	53	0	10	80	
	W80SSA	09/09/2004	6020SB	{ND on all 2} analytes				II	43	53	0	10		
	W80SSA	09/09/2004	8330N	{ND on all 19} analytes				II	43	53	0	10		
	W80SSA	09/09/2004	E314.0	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	09/09/2004	IM40HD	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	09/09/2004	IM40HG	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	09/09/2004	IM40MBM	BARIUM	9.4	J	UG/L	II	43	53	0	10	2000	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W80SSA	09/09/2004	IM40MBM	BERYLLIUM	0.46	J	UG/L	II	43	53	0	10	4	
	W80SSA	09/09/2004	IM40MBM	CALCIUM	1710		UG/L	II	43	53	0	10		
	W80SSA	09/09/2004	IM40MBM	MAGNESIUM	1350		UG/L	II	43	53	0	10		
	W80SSA	09/09/2004	IM40MBM	MANGANESE	4.4		UG/L	II	43	53	0	10		
	W80SSA	09/09/2004	IM40MBM	SODIUM	5970		UG/L	II	43	53	0	10	20000	
	W80SSA	09/09/2004	OC21VM	CHLOROFORM	2		UG/L	II	43	53	0	10	80	
	W80SSA	09/09/2004	SW8270	{ND on all 77} analytes				II	43	53	0	10		
	W80SSA	02/08/2005	8330N	{ND on all 19} analytes				II	43	53	0	10		
	W80SSA	02/08/2005	E314.0	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	02/08/2005	OC21VM	CHLOROFORM	2		UG/L	II	43	53	0	10	80	
	W80SSA	05/16/2005	8330N	{ND on all 19} analytes				II	43	53	0	10		
	W80SSA	05/16/2005	E314.0	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	05/16/2005	OC21VM	CHLOROFORM	2		UG/L	II	43	53	0	10	80	
	W80SSA	07/27/2005	6020SB	{ND on all 2} analytes				3	43	53	0	10		
	W80SSA	07/27/2005	8330N	{ND on all 19} analytes				3	43	53	0	10		
	W80SSA	07/27/2005	E314.0	{ND on all 1} analytes				3	43	53	0	10		
	W80SSA	07/27/2005	IM40HG	{ND on all 1} analytes				3	43	53	0	10		
	W80SSA	07/27/2005	IM40MBM	BARIUM	12.8	J	UG/L	3	43	53	0	10	2000	
	W80SSA	07/27/2005	IM40MBM	CALCIUM	1460		UG/L	3	43	53	0	10		
	W80SSA	07/27/2005	IM40MBM	MANGANESE	6.1		UG/L	3	43	53	0	10		
	W80SSA	07/27/2005	IM40MBM	SODIUM	6480		UG/L	3	43	53	0	10	20000	
	W80SSA	07/27/2005	IM40MBM	ZINC	10.1		UG/L	3	43	53	0	10	2000	
	W80SSA	07/27/2005	OC21VM	CHLOROFORM	3		UG/L	3	43	53	0	10	80	
	W80SSA	07/27/2005	SW8270	{ND on all 77} analytes				3	43	53	0	10		
	W80SSA	02/08/2006	8330N	{ND on all 19} analytes				II	43	53	0	10		
	W80SSA	02/08/2006	E314.0	{ND on all 1} analytes				II	43	53	0	10		
	W80SSA	02/08/2006	OC21VM	CHLOROFORM	2		UG/L	II	43	53	0	10	80	
MW-81D	W81DDA	10/12/1999	300.0	CHLORIDE (AS CL)	7.7		MG/L	II	184	194	156	166		
	W81DDA	10/12/1999	300.0	SULFATE (AS SO4)	4.7		MG/L	II	184	194	156	166		
	W81DDA	10/12/1999	310.1	{ND on all 4} analytes				II	184	194	156	166		
	W81DDA	10/12/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.01		MG/L	II	184	194	156	166		
	W81DDA	10/12/1999	504	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	10/12/1999	8151	{ND on all 16} analytes				II	184	194	156	166		
	W81DDA	10/12/1999	350.2M	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	10/12/1999	353.2M	NITRATE/NITRITE (AS N)	0.07		MG/L	II	184	194	156	166	10	
	W81DDA	10/12/1999	8021W	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	10/12/1999	8330N	{ND on all 19} analytes				II	184	194	156	166		
	W81DDA	10/12/1999	CYAN	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	10/12/1999	IM40HD	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	10/12/1999	IM40HG	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	10/12/1999	IM40MB	CALCIUM	2670		UG/L	II	184	194	156	166		
	W81DDA	10/12/1999	IM40MB	IRON	202		UG/L	II	184	194	156	166		
	W81DDA	10/12/1999	IM40MB	MAGNESIUM	1110		UG/L	II	184	194	156	166		
	W81DDA	10/12/1999	IM40MB	MANGANESE	51.6		UG/L	II	184	194	156	166		
	W81DDA	10/12/1999	IM40MB	MOLYBDENUM	7.6		UG/L	II	184	194	156	166	40	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W81DDA	10/12/1999	IM40MB	SODIUM	5890		UG/L	II	184	194	156	166	20000	
	W81DDA	10/12/1999	IM40MB	ZINC	2.2	J	UG/L	II	184	194	156	166	2000	
	W81DDA	10/12/1999	OC21B	{ND on all 64} analytes				II	184	194	156	166		
	W81DDA	10/12/1999	OC21V	CHLOROFORM	1		UG/L	II	184	194	156	166	80	
	W81DDA	10/12/1999	OL21P	{ND on all 28} analytes				II	184	194	156	166		
	W81DDA	10/12/1999	TOC	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	01/10/2000	300.0	CHLORIDE (AS CL)	7.3		MG/L	II	184	194	156	166		
	W81DDA	01/10/2000	300.0	SULFATE (AS SO4)	3.9		MG/L	II	184	194	156	166		
	W81DDA	01/10/2000	310.1	ALKALINITY, BICARBONATE (AS C	8		MG/L	II	184	194	156	166		
	W81DDA	01/10/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	8		MG/L	II	184	194	156	166		
	W81DDA	01/10/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.01		MG/L	II	184	194	156	166		
	W81DDA	01/10/2000	504	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	01/10/2000	8151	2,4,5-T (TRICHLOROPHENOXYACE	0.12	J	UG/L	II	184	194	156	166	70	
	W81DDA	01/10/2000	350.2M	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	01/10/2000	353.2M	NITRATE/NITRITE (AS N)	0.04		MG/L	II	184	194	156	166	10	
	W81DDA	01/10/2000	8021W	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	01/10/2000	8330N	{ND on all 18} analytes				II	184	194	156	166		
	W81DDA	01/10/2000	CYAN	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	01/10/2000	IM40HD	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	01/10/2000	IM40HG	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	01/10/2000	IM40MB	CALCIUM	2080		UG/L	II	184	194	156	166		
	W81DDA	01/10/2000	IM40MB	MAGNESIUM	923		UG/L	II	184	194	156	166		
	W81DDA	01/10/2000	IM40MB	MANGANESE	41.1		UG/L	II	184	194	156	166		
	W81DDA	01/10/2000	IM40MB	MOLYBDENUM	1.3	J	UG/L	II	184	194	156	166	40	
	W81DDA	01/10/2000	IM40MB	POTASSIUM	915		UG/L	II	184	194	156	166		
	W81DDA	01/10/2000	IM40MB	SODIUM	5960		UG/L	II	184	194	156	166	20000	
	W81DDA	01/10/2000	IM40MB	ZINC	4.8		UG/L	II	184	194	156	166	2000	
	W81DDA	01/10/2000	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	2	J	UG/L	II	184	194	156	166	6	
	W81DDA	01/10/2000	OC21V	CHLOROFORM	1		UG/L	II	184	194	156	166	80	
	W81DDA	01/10/2000	OL21P	{ND on all 28} analytes				II	184	194	156	166		
	W81DDA	01/10/2000	TOC	TOTAL ORGANIC CARBON	4.4		MG/L	II	184	194	156	166		
	W81DDA	04/07/2000	300.0	CHLORIDE (AS CL)	7.8		MG/L	II	184	194	156	166		
	W81DDA	04/07/2000	300.0	SULFATE (AS SO4)	5.4		MG/L	II	184	194	156	166		
	W81DDA	04/07/2000	310.1	ALKALINITY, BICARBONATE (AS C	5		MG/L	II	184	194	156	166		
	W81DDA	04/07/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	5		MG/L	II	184	194	156	166		
	W81DDA	04/07/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	II	184	194	156	166		
	W81DDA	04/07/2000	504	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	04/07/2000	8151	{ND on all 18} analytes				II	184	194	156	166		
	W81DDA	04/07/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.03	J	MG/L	II	184	194	156	166	30	
	W81DDA	04/07/2000	353.2M	NITRATE/NITRITE (AS N)	0.04		MG/L	II	184	194	156	166	10	
	W81DDA	04/07/2000	8021W	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	04/07/2000	8330N	{ND on all 18} analytes				II	184	194	156	166		
	W81DDA	04/07/2000	CYAN	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	04/07/2000	IM40HD	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	04/07/2000	IM40HG	{ND on all 1} analytes				II	184	194	156	166		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W81DDA	04/07/2000	IM40MB	CALCIUM	2150		UG/L	II	184	194	156	166		
	W81DDA	04/07/2000	IM40MB	MAGNESIUM	899		UG/L	II	184	194	156	166		
	W81DDA	04/07/2000	IM40MB	MANGANESE	20.5		UG/L	II	184	194	156	166		
	W81DDA	04/07/2000	IM40MB	POTASSIUM	720		UG/L	II	184	194	156	166		
	W81DDA	04/07/2000	IM40MB	SODIUM	5780		UG/L	II	184	194	156	166	20000	
	W81DDA	04/07/2000	OC21B	{ND on all 64} analytes				II	184	194	156	166		
	W81DDA	04/07/2000	OC21V	CHLOROFORM	1		UG/L	II	184	194	156	166	80	
	W81DDA	04/07/2000	OL21P	{ND on all 28} analytes				II	184	194	156	166		
	W81DDA	04/07/2000	TOC	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	08/17/2000	300.0	CHLORIDE (AS CL)	7.4		MG/L	II	184	194	156	166		
	W81DDA	08/17/2000	300.0	SULFATE (AS SO4)	4.2		MG/L	II	184	194	156	166		
	W81DDA	08/17/2000	310.1	ALKALINITY, BICARBONATE (AS C	9		MG/L	II	184	194	156	166		
	W81DDA	08/17/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	9		MG/L	II	184	194	156	166		
	W81DDA	08/17/2000	365.2	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	08/17/2000	504	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	08/17/2000	8151	MCPP	140	NJ	UG/L	II	184	194	156	166		
	W81DDA	08/17/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.03		MG/L	II	184	194	156	166	30	
	W81DDA	08/17/2000	353.2M	NITRATE/NITRITE (AS N)	0.04		MG/L	II	184	194	156	166	10	
	W81DDA	08/17/2000	8021W	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	08/17/2000	8330N	{ND on all 19} analytes				II	184	194	156	166		
	W81DDA	08/17/2000	CYAN	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	08/17/2000	E314.0	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	08/17/2000	IM40HD	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	08/17/2000	IM40HG	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	08/17/2000	IM40MB	ALUMINUM	699		UG/L	II	184	194	156	166		
	W81DDA	08/17/2000	IM40MB	CALCIUM	5600		UG/L	II	184	194	156	166		
	W81DDA	08/17/2000	IM40MB	IRON	918		UG/L	II	184	194	156	166		
	W81DDA	08/17/2000	IM40MB	MAGNESIUM	2790		UG/L	II	184	194	156	166		
	W81DDA	08/17/2000	IM40MB	MANGANESE	106		UG/L	II	184	194	156	166		
	W81DDA	08/17/2000	IM40MB	MOLYBDENUM	10.1		UG/L	II	184	194	156	166	40	
	W81DDA	08/17/2000	IM40MB	POTASSIUM	1770		UG/L	II	184	194	156	166		
	W81DDA	08/17/2000	IM40MB	SODIUM	11600		UG/L	II	184	194	156	166	20000	
	W81DDA	08/17/2000	OC21V	CHLOROFORM	1		UG/L	II	184	194	156	166	80	
	W81DDA	08/17/2000	OL21P	{ND on all 28} analytes				II	184	194	156	166		
	W81DDA	08/17/2000	SW8270	{ND on all 75} analytes				II	184	194	156	166		
	W81DDA	08/17/2000	TOC	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	08/17/2001	8151	{ND on all 17} analytes				II	184	194	156	166		
	W81DDA	08/17/2001	8330NX	{ND on all 22} analytes				II	184	194	156	166		
	W81DDA	08/17/2001	E314.0	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	08/17/2001	ILSBTL	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	08/17/2001	IM40HD	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	08/17/2001	IM40HG	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	08/17/2001	IM40MB	ALUMINUM	20.6	J	UG/L	II	184	194	156	166		
	W81DDA	08/17/2001	IM40MB	BORON	6	J	UG/L	II	184	194	156	166	600	
	W81DDA	08/17/2001	IM40MB	CALCIUM	2110		UG/L	II	184	194	156	166		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W81DDA	08/17/2001	IM40MB	IRON	177	J	UG/L	II	184	194	156	166		
	W81DDA	08/17/2001	IM40MB	MAGNESIUM	932		UG/L	II	184	194	156	166		
	W81DDA	08/17/2001	IM40MB	MANGANESE	3.8		UG/L	II	184	194	156	166		
	W81DDA	08/17/2001	IM40MB	POTASSIUM	560		UG/L	II	184	194	156	166		
	W81DDA	08/17/2001	IM40MB	SODIUM	5970		UG/L	II	184	194	156	166	20000	
	W81DDA	08/17/2001	IM40MB	ZINC	2.3	J	UG/L	II	184	194	156	166	2000	
	W81DDA	08/17/2001	OC21V	CHLOROFORM	1		UG/L	II	184	194	156	166	80	
	W81DDA	08/17/2001	OL21P	{ND on all 28} analytes				II	184	194	156	166		
	W81DDA	08/17/2001	SW8270	{ND on all 77} analytes				II	184	194	156	166		
	W81DDA	03/01/2002	8330N	{ND on all 19} analytes				II	184	194	156	166		
	W81DDA	03/01/2002	E314.0	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	03/28/2002	8330N	{ND on all 19} analytes				II	184	194	156	166		
	W81DDA	03/28/2002	E314.0	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	03/28/2002	OC21V	CHLOROFORM	1		UG/L	II	184	194	156	166	80	
	W81DDA	05/06/2002	8330N	{ND on all 19} analytes				II	184	194	156	166		
	W81DDA	05/06/2002	E314.0	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	05/06/2002	OC21V	CHLOROFORM	1		UG/L	II	184	194	156	166	80	
	W81DDA	06/09/2002	8330N	{ND on all 19} analytes				II	184	194	156	166		
	W81DDA	06/09/2002	E314.0	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	06/09/2002	OC21V	CHLOROFORM	1		UG/L	II	184	194	156	166	80	
	W81DDA	07/16/2002	E314.0	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	08/07/2002	8151	{ND on all 17} analytes				II	184	194	156	166		
	W81DDA	08/07/2002	8330NX	{ND on all 22} analytes				II	184	194	156	166		
	W81DDA	08/07/2002	E314.0	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	08/07/2002	ILSBTL	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	08/07/2002	IM40HD	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	08/07/2002	IM40HG	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	08/07/2002	IM40MB	ALUMINUM	19.8	J	UG/L	II	184	194	156	166		
	W81DDA	08/07/2002	IM40MB	BORON	7.7	J	UG/L	II	184	194	156	166	600	
	W81DDA	08/07/2002	IM40MB	CALCIUM	1960		UG/L	II	184	194	156	166		
	W81DDA	08/07/2002	IM40MB	MAGNESIUM	845		UG/L	II	184	194	156	166		
	W81DDA	08/07/2002	IM40MB	MANGANESE	2.4		UG/L	II	184	194	156	166		
	W81DDA	08/07/2002	IM40MB	POTASSIUM	621		UG/L	II	184	194	156	166		
	W81DDA	08/07/2002	IM40MB	SODIUM	6060		UG/L	II	184	194	156	166	20000	
	W81DDA	08/07/2002	OC21V	CHLOROFORM	1		UG/L	II	184	194	156	166	80	
	W81DDA	08/07/2002	SW8270	{ND on all 77} analytes				II	184	194	156	166		
	W81DDA	09/07/2002	E314.0	{ND on all 1} analytes				3	184	194	156	166		
	W81DDA	10/10/2002	E314.0	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	12/12/2002	E314.0	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	01/21/2003	E314.0	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	02/06/2003	8330N	{ND on all 19} analytes				II	184	194	156	166		
	W81DDA	02/06/2003	E314.0	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	02/06/2003	OC21V	CHLOROFORM	1		UG/L	II	184	194	156	166	80	
	W81DDA	03/13/2003	E314.0	{ND on all 1} analytes				3	184	194	156	166		
	W81DDA	04/24/2003	8330N	{ND on all 19} analytes				II	184	194	156	166		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W81DDA	04/24/2003	E314.0	{ND on all 1} analytes				3	184	194	156	166		
	W81DDA	04/24/2003	OC21V	CHLOROFORM	1		UG/L	II	184	194	156	166	80	
	W81DDA	05/30/2003	E314.0	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	06/27/2003	E314.0	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	07/23/2003	E314.0	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	08/15/2003	E314.0	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	09/23/2003	8151	{ND on all 17} analytes				II	184	194	156	166		
	W81DDA	09/23/2003	6020SB	{ND on all 2} analytes				II	184	194	156	166		
	W81DDA	09/23/2003	8330NX	{ND on all 22} analytes				II	184	194	156	166		
	W81DDA	09/23/2003	E314.0	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	09/23/2003	IM40HD	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	09/23/2003	IM40HG	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	09/23/2003	IM40MB	CALCIUM	2000		UG/L	II	184	194	156	166		
	W81DDA	09/23/2003	IM40MB	CHROMIUM, TOTAL	9.1		UG/L	II	184	194	156	166	100	
	W81DDA	09/23/2003	IM40MB	IRON	65.4		UG/L	II	184	194	156	166		
	W81DDA	09/23/2003	IM40MB	MAGNESIUM	855		UG/L	II	184	194	156	166		
	W81DDA	09/23/2003	IM40MB	MANGANESE	3.5		UG/L	II	184	194	156	166		
	W81DDA	09/23/2003	IM40MB	NICKEL	20.4		UG/L	II	184	194	156	166	100	
	W81DDA	09/23/2003	IM40MB	SODIUM	5660		UG/L	II	184	194	156	166	20000	
	W81DDA	09/23/2003	OC21V	CHLOROFORM	1		UG/L	II	184	194	156	166	80	
	W81DDA	09/23/2003	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	2.5	J	UG/L	II	184	194	156	166	6	
	W81DDA	10/22/2003	E314.0	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	11/22/2003	E314.0	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	12/11/2003	E314.0	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	01/10/2004	8330N	{ND on all 19} analytes				II	184	194	156	166		
	W81DDA	01/10/2004	E314.0	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	01/10/2004	OC21VM	CHLOROFORM	1		UG/L	II	184	194	156	166	80	
	W81DDA	02/13/2004	E314.0	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	03/12/2004	E314.0	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	04/13/2004	8330N	{ND on all 19} analytes				II	184	194	156	166		
	W81DDA	04/13/2004	E314.0	{ND on all 1} analytes				3	184	194	156	166		
	W81DDA	04/13/2004	OC21VM	CHLOROFORM	1		UG/L	II	184	194	156	166	80	
	W81DDA	09/07/2004	6020SB	{ND on all 2} analytes				II	184	194	156	166		
	W81DDA	09/07/2004	8330N	{ND on all 19} analytes				II	184	194	156	166		
	W81DDA	09/07/2004	IM40HD	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	09/07/2004	IM40HG	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	09/07/2004	IM40MBM	CALCIUM	2250		UG/L	II	184	194	156	166		
	W81DDA	09/07/2004	IM40MBM	MAGNESIUM	940		UG/L	II	184	194	156	166		
	W81DDA	09/07/2004	IM40MBM	POTASSIUM	857		UG/L	II	184	194	156	166		
	W81DDA	09/07/2004	IM40MBM	SODIUM	6570		UG/L	II	184	194	156	166	20000	
	W81DDA	09/07/2004	OC21VM	CHLOROFORM	1		UG/L	II	184	194	156	166	80	
	W81DDA	09/07/2004	SW8270	{ND on all 76} analytes				II	184	194	156	166		
	W81DDA	10/01/2004	E314.0	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	02/04/2005	8330N	{ND on all 19} analytes				II	184	194	156	166		
	W81DDA	02/04/2005	E314.0	{ND on all 1} analytes				II	184	194	156	166		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W81DDA	02/04/2005	OC21VM	CHLOROFORM	1		UG/L	II	184	194	156	166	80	
	W81DDA	02/04/2005	OC21VM	CHLOROMETHANE	0.2	J	UG/L	II	184	194	156	166	30	
	W81DDA	06/03/2005	8330N	{ND on all 19} analytes				II	184	194	156	166		
	W81DDA	06/03/2005	E314.0	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	06/03/2005	OC21VM	CHLOROFORM	1		UG/L	II	184	194	156	166	80	
	W81DDA	08/03/2005	6020SB	{ND on all 2} analytes				II	184	194	156	166		
	W81DDA	08/03/2005	8330N	{ND on all 19} analytes				II	184	194	156	166		
	W81DDA	08/03/2005	E314.0	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	08/03/2005	IM40HG	{ND on all 1} analytes				II	184	194	156	166		
	W81DDA	08/03/2005	IM40MBM	CALCIUM	2200	J	UG/L	II	184	194	156	166		
	W81DDA	08/03/2005	IM40MBM	SODIUM	5920		UG/L	II	184	194	156	166	20000	
	W81DDA	08/03/2005	OC21VM	CHLOROFORM	1		UG/L	II	184	194	156	166	80	
	W81DDA	08/03/2005	SW8270	{ND on all 76} analytes				II	184	194	156	166		
	W81DDA	02/15/2006	8330N	{ND on all 19} analytes				*	184	194	156	166		
	W81DDA	02/15/2006	E314.0	{ND on all 1} analytes				*	184	194	156	166		
	W81DDA	02/15/2006	OC21VM	CHLOROFORM	0.9	J*	UG/L	*	184	194	156	166	80	
MW-81M1	W81M1A	10/13/1999	300.0	CHLORIDE (AS CL)	7.6		MG/L	II	128	138	100	110		
	W81M1A	10/13/1999	300.0	SULFATE (AS SO4)	7.6		MG/L	II	128	138	100	110		
	W81M1A	10/13/1999	310.1	ALKALINITY, BICARBONATE (AS C	13		MG/L	II	128	138	100	110		
	W81M1A	10/13/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	13		MG/L	II	128	138	100	110		
	W81M1A	10/13/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.07		MG/L	II	128	138	100	110		
	W81M1A	10/13/1999	504	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	10/13/1999	8151	{ND on all 16} analytes				II	128	138	100	110		
	W81M1A	10/13/1999	350.2M	NITROGEN, AMMONIA (AS N)	0.04	J	MG/L	II	128	138	100	110	30	
	W81M1A	10/13/1999	353.2M	NITRATE/NITRITE (AS N)	0.04		MG/L	II	128	138	100	110	10	
	W81M1A	10/13/1999	8021W	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	10/13/1999	8330N	{ND on all 19} analytes				II	128	138	100	110		
	W81M1A	10/13/1999	CYAN	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	10/13/1999	IM40HD	{ND on all 1} analytes				II	128	138	100	110		
	W81M1L	10/13/1999	IM40HD	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	10/13/1999	IM40HG	{ND on all 1} analytes				II	128	138	100	110		
	W81M1L	10/13/1999	IM40HG	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	10/13/1999	IM40MB	ALUMINUM	3910		UG/L	II	128	138	100	110		
	W81M1A	10/13/1999	IM40MB	BARIUM	21		UG/L	II	128	138	100	110	2000	
	W81M1A	10/13/1999	IM40MB	BERYLLIUM	0.32	J	UG/L	II	128	138	100	110	4	
	W81M1A	10/13/1999	IM40MB	CALCIUM	4300		UG/L	II	128	138	100	110		
	W81M1A	10/13/1999	IM40MB	IRON	7580		UG/L	II	128	138	100	110		
	W81M1A	10/13/1999	IM40MB	LEAD	3.6		UG/L	II	128	138	100	110	15	
	W81M1A	10/13/1999	IM40MB	MAGNESIUM	2010		UG/L	II	128	138	100	110		
	W81M1A	10/13/1999	IM40MB	MANGANESE	259		UG/L	II	128	138	100	110		
	W81M1A	10/13/1999	IM40MB	MOLYBDENUM	24.3		UG/L	II	128	138	100	110	40	
	W81M1A	10/13/1999	IM40MB	NICKEL	5.6	J	UG/L	II	128	138	100	110	100	
	W81M1A	10/13/1999	IM40MB	POTASSIUM	3780		UG/L	II	128	138	100	110		
	W81M1A	10/13/1999	IM40MB	SODIUM	6210		UG/L	II	128	138	100	110	20000	
	W81M1A	10/13/1999	IM40MB	ZINC	22.3		UG/L	II	128	138	100	110	2000	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W81M1L	10/13/1999	IM40MB	CALCIUM	3840		UG/L	II	128	138	100	110		
	W81M1L	10/13/1999	IM40MB	IRON	84.3	J	UG/L	II	128	138	100	110		
	W81M1L	10/13/1999	IM40MB	MAGNESIUM	1210		UG/L	II	128	138	100	110		
	W81M1L	10/13/1999	IM40MB	MANGANESE	189		UG/L	II	128	138	100	110		
	W81M1L	10/13/1999	IM40MB	MOLYBDENUM	22.1		UG/L	II	128	138	100	110	40	
	W81M1L	10/13/1999	IM40MB	POTASSIUM	3170		UG/L	II	128	138	100	110		
	W81M1L	10/13/1999	IM40MB	SODIUM	6320		UG/L	II	128	138	100	110	20000	
	W81M1L	10/13/1999	IM40MB	ZINC	3.6		UG/L	II	128	138	100	110	2000	
	W81M1A	10/13/1999	OC21B	{ND on all 64} analytes				II	128	138	100	110		
	W81M1A	10/13/1999	OC21V	CHLOROFORM	0.9	J	UG/L	II	128	138	100	110	80	
	W81M1A	10/13/1999	OL21P	{ND on all 28} analytes				II	128	138	100	110		
	W81M1A	10/13/1999	TOC	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	01/07/2000	300.0	CHLORIDE (AS CL)	7.1		MG/L	II	128	138	100	110		
	W81M1A	01/07/2000	300.0	SULFATE (AS SO4)	5.7		MG/L	II	128	138	100	110		
	W81M1A	01/07/2000	310.1	ALKALINITY, BICARBONATE (AS C	6		MG/L	II	128	138	100	110		
	W81M1A	01/07/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	6		MG/L	II	128	138	100	110		
	W81M1A	01/07/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.2		MG/L	II	128	138	100	110		
	W81M1A	01/07/2000	504	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	01/07/2000	8151	{ND on all 16} analytes				II	128	138	100	110		
	W81M1A	01/07/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.03		MG/L	II	128	138	100	110	30	
	W81M1A	01/07/2000	353.2M	NITRATE/NITRITE (AS N)	0.03		MG/L	II	128	138	100	110	10	
	W81M1A	01/07/2000	8021W	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	01/07/2000	8330N	{ND on all 18} analytes				II	128	138	100	110		
	W81M1A	01/07/2000	CYAN	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	01/07/2000	IM40HD	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	01/07/2000	IM40HG	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	01/07/2000	IM40MB	ALUMINUM	1740		UG/L	II	128	138	100	110		
	W81M1A	01/07/2000	IM40MB	BARIUM	11.3	J	UG/L	II	128	138	100	110	2000	
	W81M1A	01/07/2000	IM40MB	BORON	8		UG/L	II	128	138	100	110	600	
	W81M1A	01/07/2000	IM40MB	CALCIUM	2950		UG/L	II	128	138	100	110		
	W81M1A	01/07/2000	IM40MB	CHROMIUM, TOTAL	8.2		UG/L	II	128	138	100	110	100	
	W81M1A	01/07/2000	IM40MB	COBALT	3.6		UG/L	II	128	138	100	110		
	W81M1A	01/07/2000	IM40MB	IRON	3400		UG/L	II	128	138	100	110		
	W81M1A	01/07/2000	IM40MB	MAGNESIUM	1070		UG/L	II	128	138	100	110		
	W81M1A	01/07/2000	IM40MB	MANGANESE	141		UG/L	II	128	138	100	110		
	W81M1A	01/07/2000	IM40MB	NICKEL	3.9		UG/L	II	128	138	100	110	100	
	W81M1A	01/07/2000	IM40MB	POTASSIUM	1380		UG/L	II	128	138	100	110		
	W81M1A	01/07/2000	IM40MB	SODIUM	6680		UG/L	II	128	138	100	110	20000	
	W81M1A	01/07/2000	IM40MB	VANADIUM	6.2		UG/L	II	128	138	100	110		
	W81M1A	01/07/2000	OC21B	{ND on all 63} analytes				II	128	138	100	110		
	W81M1A	01/07/2000	OC21V	CHLOROFORM	0.8	J	UG/L	II	128	138	100	110	80	
	W81M1A	01/07/2000	OL21P	{ND on all 28} analytes				II	128	138	100	110		
	W81M1A	01/07/2000	TOC	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	04/07/2000	300.0	CHLORIDE (AS CL)	7.6		MG/L	II	128	138	100	110		
	W81M1A	04/07/2000	300.0	SULFATE (AS SO4)	6.3		MG/L	II	128	138	100	110		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W81M1A	04/07/2000	310.1	ALKALINITY, BICARBONATE (AS C	8		MG/L	II	128	138	100	110		
	W81M1A	04/07/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	8		MG/L	II	128	138	100	110		
	W81M1A	04/07/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.06		MG/L	II	128	138	100	110		
	W81M1A	04/07/2000	504	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	04/07/2000	8151	{ND on all 18} analytes				II	128	138	100	110		
	W81M1A	04/07/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.05	J	MG/L	II	128	138	100	110	30	
	W81M1A	04/07/2000	353.2M	NITRATE/NITRITE (AS N)	0.04		MG/L	II	128	138	100	110	10	
	W81M1A	04/07/2000	8021W	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	04/07/2000	8330N	{ND on all 18} analytes				II	128	138	100	110		
	W81M1A	04/07/2000	CYAN	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	04/07/2000	IM40HD	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	04/07/2000	IM40HG	{ND on all 1} analytes				II	128	138	100	110		
	W81M1L	04/07/2000	IM40HG	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	04/07/2000	IM40MB	ALUMINUM	3720		UG/L	II	128	138	100	110		
	W81M1A	04/07/2000	IM40MB	ARSENIC	3.1	J	UG/L	II	128	138	100	110	10	
	W81M1A	04/07/2000	IM40MB	BARIUM	18.6	J	UG/L	II	128	138	100	110	2000	
	W81M1A	04/07/2000	IM40MB	BERYLLIUM	0.44	J	UG/L	II	128	138	100	110	4	
	W81M1A	04/07/2000	IM40MB	BORON	7.2		UG/L	II	128	138	100	110	600	
	W81M1A	04/07/2000	IM40MB	CALCIUM	2750		UG/L	II	128	138	100	110		
	W81M1A	04/07/2000	IM40MB	CHROMIUM, TOTAL	14	J	UG/L	II	128	138	100	110	100	
	W81M1A	04/07/2000	IM40MB	COBALT	4.1	J	UG/L	II	128	138	100	110		
	W81M1A	04/07/2000	IM40MB	IRON	5840		UG/L	II	128	138	100	110		
	W81M1A	04/07/2000	IM40MB	LEAD	3.4		UG/L	II	128	138	100	110	15	
	W81M1A	04/07/2000	IM40MB	MAGNESIUM	1580		UG/L	II	128	138	100	110		
	W81M1A	04/07/2000	IM40MB	MANGANESE	93.6		UG/L	II	128	138	100	110		
	W81M1A	04/07/2000	IM40MB	MOLYBDENUM	4.4	J	UG/L	II	128	138	100	110	40	
	W81M1A	04/07/2000	IM40MB	NICKEL	4.6	J	UG/L	II	128	138	100	110	100	
	W81M1A	04/07/2000	IM40MB	POTASSIUM	2050		UG/L	II	128	138	100	110		
	W81M1A	04/07/2000	IM40MB	SODIUM	6000		UG/L	II	128	138	100	110	20000	
	W81M1A	04/07/2000	IM40MB	VANADIUM	11.3		UG/L	II	128	138	100	110		
	W81M1A	04/07/2000	IM40MB	ZINC	16.3		UG/L	II	128	138	100	110	2000	
	W81M1L	04/07/2000	IM40MB	BORON	3.6	J	UG/L	II	128	138	100	110	600	
	W81M1L	04/07/2000	IM40MB	CALCIUM	2360		UG/L	II	128	138	100	110		
	W81M1L	04/07/2000	IM40MB	MAGNESIUM	908		UG/L	II	128	138	100	110		
	W81M1L	04/07/2000	IM40MB	MANGANESE	50.3		UG/L	II	128	138	100	110		
	W81M1L	04/07/2000	IM40MB	POTASSIUM	1050		UG/L	II	128	138	100	110		
	W81M1L	04/07/2000	IM40MB	SODIUM	5640		UG/L	II	128	138	100	110	20000	
	W81M1L	04/07/2000	IM40MB	ZINC	11.6		UG/L	II	128	138	100	110	2000	
	W81M1A	04/07/2000	OC21B	{ND on all 64} analytes				II	128	138	100	110		
	W81M1A	04/07/2000	OC21V	CHLOROFORM	1		UG/L	II	128	138	100	110	80	
	W81M1A	04/07/2000	OL21P	ALPHA BHC (ALPHA HEXACHLOR	0.01	J	UG/L	II	128	138	100	110		
	W81M1A	04/07/2000	TOC	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	08/17/2000	300.0	CHLORIDE (AS CL)	7.4		MG/L	3	128	138	100	110		
	W81M1A	08/17/2000	300.0	SULFATE (AS SO4)	5.3		MG/L	3	128	138	100	110		
	W81M1A	08/17/2000	310.1	ALKALINITY, BICARBONATE (AS C	7		MG/L	3	128	138	100	110		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W81M1A	08/17/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	7		MG/L	3	128	138	100	110		
	W81M1A	08/17/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.05		MG/L	3	128	138	100	110		
	W81M1A	08/17/2000	504	{ND on all 1} analytes				3	128	138	100	110		
	W81M1A	08/17/2000	8151	{ND on all 16} analytes				3	128	138	100	110		
	W81M1A	08/17/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.03		MG/L	3	128	138	100	110	30	
	W81M1A	08/17/2000	353.2M	NITRATE/NITRITE (AS N)	0.03		MG/L	3	128	138	100	110	10	
	W81M1A	08/17/2000	8021W	{ND on all 1} analytes				3	128	138	100	110		
	W81M1A	08/17/2000	8330N	{ND on all 19} analytes				3	128	138	100	110		
	W81M1A	08/17/2000	CYAN	{ND on all 1} analytes				3	128	138	100	110		
	W81M1A	08/17/2000	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	08/17/2000	OC21V	CARBON DISULFIDE	0.3	J	UG/L	3	128	138	100	110		
	W81M1A	08/17/2000	OC21V	CHLOROFORM	1		UG/L	3	128	138	100	110	80	
	W81M1A	08/17/2000	OL21P	{ND on all 28} analytes				3	128	138	100	110		
	W81M1A	08/17/2000	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.23	J	UG/L	3	128	138	100	110	6	
	W81M1A	08/17/2000	TOC	TOTAL ORGANIC CARBON	1.2		MG/L	3	128	138	100	110		
	W81M1A	08/18/2000	IM40HD	{ND on all 1} analytes				3	128	138	100	110		
	W81M1A	08/18/2000	IM40HG	{ND on all 1} analytes				3	128	138	100	110		
	W81M1A	08/18/2000	IM40MB	ALUMINUM	182		UG/L	3	128	138	100	110		
	W81M1A	08/18/2000	IM40MB	BORON	6.9	J	UG/L	3	128	138	100	110	600	
	W81M1A	08/18/2000	IM40MB	CALCIUM	2170		UG/L	3	128	138	100	110		
	W81M1A	08/18/2000	IM40MB	IRON	329		UG/L	3	128	138	100	110		
	W81M1A	08/18/2000	IM40MB	MAGNESIUM	887		UG/L	3	128	138	100	110		
	W81M1A	08/18/2000	IM40MB	MANGANESE	27.2		UG/L	3	128	138	100	110		
	W81M1A	08/18/2000	IM40MB	POTASSIUM	754	J	UG/L	3	128	138	100	110		
	W81M1A	08/18/2000	IM40MB	SODIUM	6110		UG/L	3	128	138	100	110	20000	
	W81M1A	08/17/2001	8151	{ND on all 17} analytes				II	128	138	100	110		
	W81M1D	08/17/2001	8151	{ND on all 17} analytes				II	128	138	100	110		
	W81M1A	08/17/2001	8330NX	{ND on all 22} analytes				II	128	138	100	110		
	W81M1D	08/17/2001	8330NX	{ND on all 22} analytes				II	128	138	100	110		
	W81M1A	08/17/2001	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1D	08/17/2001	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	08/17/2001	ILSBTL	{ND on all 1} analytes				II	128	138	100	110		
	W81M1D	08/17/2001	ILSBTL	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	08/17/2001	IM40HD	{ND on all 1} analytes				II	128	138	100	110		
	W81M1D	08/17/2001	IM40HD	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	08/17/2001	IM40HG	{ND on all 1} analytes				II	128	138	100	110		
	W81M1D	08/17/2001	IM40HG	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	08/17/2001	IM40MB	ALUMINUM	1780		UG/L	II	128	138	100	110		
	W81M1A	08/17/2001	IM40MB	BARIUM	9.1		UG/L	II	128	138	100	110	2000	
	W81M1A	08/17/2001	IM40MB	BERYLLIUM	0.17	J	UG/L	II	128	138	100	110	4	
	W81M1A	08/17/2001	IM40MB	BORON	16.7		UG/L	II	128	138	100	110	600	
	W81M1A	08/17/2001	IM40MB	CALCIUM	2360		UG/L	II	128	138	100	110		
	W81M1A	08/17/2001	IM40MB	CHROMIUM, TOTAL	6.5	J	UG/L	II	128	138	100	110	100	
	W81M1A	08/17/2001	IM40MB	COBALT	1.9	J	UG/L	II	128	138	100	110		
	W81M1A	08/17/2001	IM40MB	COPPER	5.7	J	UG/L	II	128	138	100	110	1300	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W81M1A	08/17/2001	IM40MB	IRON	3180		UG/L	II	128	138	100	110		
	W81M1A	08/17/2001	IM40MB	MAGNESIUM	1230		UG/L	II	128	138	100	110		
	W81M1A	08/17/2001	IM40MB	MANGANESE	40.3		UG/L	II	128	138	100	110		
	W81M1A	08/17/2001	IM40MB	MOLYBDENUM	1.6	J	UG/L	II	128	138	100	110	40	
	W81M1A	08/17/2001	IM40MB	NICKEL	1.7	J	UG/L	II	128	138	100	110	100	
	W81M1A	08/17/2001	IM40MB	POTASSIUM	1080		UG/L	II	128	138	100	110		
	W81M1A	08/17/2001	IM40MB	SODIUM	6040		UG/L	II	128	138	100	110	20000	
	W81M1A	08/17/2001	IM40MB	VANADIUM	4.5	J	UG/L	II	128	138	100	110		
	W81M1A	08/17/2001	IM40MB	ZINC	10.9		UG/L	II	128	138	100	110	2000	
	W81M1D	08/17/2001	IM40MB	ALUMINUM	1970		UG/L	II	128	138	100	110		
	W81M1D	08/17/2001	IM40MB	BARIUM	9.7		UG/L	II	128	138	100	110	2000	
	W81M1D	08/17/2001	IM40MB	BERYLLIUM	0.12	J	UG/L	II	128	138	100	110	4	
	W81M1D	08/17/2001	IM40MB	BORON	12.1		UG/L	II	128	138	100	110	600	
	W81M1D	08/17/2001	IM40MB	CALCIUM	2380		UG/L	II	128	138	100	110		
	W81M1D	08/17/2001	IM40MB	CHROMIUM, TOTAL	7.6	J	UG/L	II	128	138	100	110	100	
	W81M1D	08/17/2001	IM40MB	COBALT	2.4	J	UG/L	II	128	138	100	110		
	W81M1D	08/17/2001	IM40MB	COPPER	4.7	J	UG/L	II	128	138	100	110	1300	
	W81M1D	08/17/2001	IM40MB	IRON	3600		UG/L	II	128	138	100	110		
	W81M1D	08/17/2001	IM40MB	MAGNESIUM	1300		UG/L	II	128	138	100	110		
	W81M1D	08/17/2001	IM40MB	MANGANESE	42		UG/L	II	128	138	100	110		
	W81M1D	08/17/2001	IM40MB	MOLYBDENUM	2.3	J	UG/L	II	128	138	100	110	40	
	W81M1D	08/17/2001	IM40MB	NICKEL	2.5	J	UG/L	II	128	138	100	110	100	
	W81M1D	08/17/2001	IM40MB	POTASSIUM	1180		UG/L	II	128	138	100	110		
	W81M1D	08/17/2001	IM40MB	SODIUM	6110		UG/L	II	128	138	100	110	20000	
	W81M1D	08/17/2001	IM40MB	VANADIUM	5.7	J	UG/L	II	128	138	100	110		
	W81M1D	08/17/2001	IM40MB	ZINC	16.4		UG/L	II	128	138	100	110	2000	
	W81M1A	08/17/2001	OC21V	CHLOROFORM	1		UG/L	II	128	138	100	110	80	
	W81M1D	08/17/2001	OC21V	CHLOROFORM	1		UG/L	II	128	138	100	110	80	
	W81M1A	08/17/2001	OL21P	{ND on all 28} analytes				II	128	138	100	110		
	W81M1D	08/17/2001	OL21P	{ND on all 28} analytes				II	128	138	100	110		
	W81M1A	08/17/2001	SW8270	{ND on all 77} analytes				II	128	138	100	110		
	W81M1D	08/17/2001	SW8270	{ND on all 77} analytes				II	128	138	100	110		
	W81M1A	12/20/2001	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	02/28/2002	8330N	{ND on all 19} analytes				II	128	138	100	110		
	W81M1A	02/28/2002	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	03/27/2002	8330N	{ND on all 19} analytes				II	128	138	100	110		
	W81M1A	03/27/2002	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	03/27/2002	OC21V	CHLOROFORM	1		UG/L	II	128	138	100	110	80	
	W81M1A	05/06/2002	8330N	{ND on all 19} analytes				II	128	138	100	110		
	W81M1D	05/06/2002	8330N	{ND on all 19} analytes				II	128	138	100	110		
	W81M1A	05/06/2002	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1D	05/06/2002	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	05/06/2002	OC21V	CHLOROFORM	1		UG/L	II	128	138	100	110	80	
	W81M1D	05/06/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	128	138	100	110	80	
	W81M1A	06/09/2002	8330N	{ND on all 19} analytes				II	128	138	100	110		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W81M1A	06/09/2002	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	06/09/2002	OC21V	CHLOROFORM	1		UG/L	II	128	138	100	110	80	
	W81M1A	07/10/2002	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	08/06/2002	8151	{ND on all 17} analytes				II	128	138	100	110		
	W81M1A	08/06/2002	8330NX	{ND on all 22} analytes				II	128	138	100	110		
	W81M1A	08/06/2002	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	08/06/2002	ILSBTL	{ND on all 2} analytes				II	128	138	100	110		
	W81M1A	08/06/2002	IM40HD	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	08/06/2002	IM40HG	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	08/06/2002	IM40MB	ALUMINUM	134		UG/L	II	128	138	100	110		
	W81M1A	08/06/2002	IM40MB	BORON	7.3	J	UG/L	II	128	138	100	110	600	
	W81M1A	08/06/2002	IM40MB	CALCIUM	2140		UG/L	II	128	138	100	110		
	W81M1A	08/06/2002	IM40MB	CHROMIUM, TOTAL	1	J	UG/L	II	128	138	100	110	100	
	W81M1A	08/06/2002	IM40MB	IRON	571		UG/L	II	128	138	100	110		
	W81M1A	08/06/2002	IM40MB	MAGNESIUM	890		UG/L	II	128	138	100	110		
	W81M1A	08/06/2002	IM40MB	MANGANESE	12.6		UG/L	II	128	138	100	110		
	W81M1A	08/06/2002	IM40MB	POTASSIUM	669		UG/L	II	128	138	100	110		
	W81M1A	08/06/2002	IM40MB	SODIUM	6160		UG/L	II	128	138	100	110	20000	
	W81M1A	08/06/2002	IM40MB	ZINC	3.4		UG/L	II	128	138	100	110	2000	
	W81M1A	08/06/2002	OC21V	CHLOROFORM	1		UG/L	II	128	138	100	110	80	
	W81M1A	08/06/2002	SW8270	{ND on all 77} analytes				II	128	138	100	110		
	W81M1A	09/07/2002	E314.0	{ND on all 1} analytes				3	128	138	100	110		
	W81M1A	10/10/2002	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	12/12/2002	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	01/21/2003	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	02/06/2003	8330N	{ND on all 19} analytes				II	128	138	100	110		
	W81M1A	02/06/2003	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	02/06/2003	OC21V	CHLOROFORM	1		UG/L	II	128	138	100	110	80	
	W81M1A	03/13/2003	E314.0	{ND on all 1} analytes				3	128	138	100	110		
	W81M1A	04/24/2003	8330N	{ND on all 19} analytes				II	128	138	100	110		
	W81M1A	04/24/2003	E314.0	{ND on all 1} analytes				3	128	138	100	110		
	W81M1A	04/24/2003	OC21V	CHLOROFORM	1		UG/L	II	128	138	100	110	80	
	W81M1A	05/30/2003	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1D	05/30/2003	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	06/27/2003	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	07/23/2003	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	08/15/2003	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	09/23/2003	8151	{ND on all 17} analytes				II	128	138	100	110		
	W81M1A	09/23/2003	6020SB	{ND on all 2} analytes				II	128	138	100	110		
	W81M1A	09/23/2003	8330NX	{ND on all 22} analytes				II	128	138	100	110		
	W81M1A	09/23/2003	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	09/23/2003	IM40HD	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	09/23/2003	IM40HG	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	09/23/2003	IM40MB	CALCIUM	1990		UG/L	II	128	138	100	110		
	W81M1A	09/23/2003	IM40MB	IRON	133		UG/L	II	128	138	100	110		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W81M1A	09/23/2003	IM40MB	MAGNESIUM	821		UG/L	II	128	138	100	110		
	W81M1A	09/23/2003	IM40MB	MANGANESE	3.7		UG/L	II	128	138	100	110		
	W81M1A	09/23/2003	IM40MB	SODIUM	5690		UG/L	II	128	138	100	110	20000	
	W81M1A	09/23/2003	OC21V	CHLOROFORM	1		UG/L	II	128	138	100	110	80	
	W81M1A	09/23/2003	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.43	J	UG/L	II	128	138	100	110	6	
	W81M1A	10/22/2003	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	11/22/2003	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	12/11/2003	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	01/10/2004	8330N	{ND on all 19} analytes				II	128	138	100	110		
	W81M1A	01/10/2004	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	01/10/2004	OC21VM	CHLOROFORM	1		UG/L	II	128	138	100	110	80	
	W81M1A	02/13/2004	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1D	02/13/2004	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	03/12/2004	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	04/13/2004	8330N	{ND on all 19} analytes				II	128	138	100	110		
	W81M1A	04/13/2004	E314.0	{ND on all 1} analytes				3	128	138	100	110		
	W81M1A	04/13/2004	OC21VM	CHLOROFORM	1		UG/L	II	128	138	100	110	80	
	W81M1A	09/08/2004	6020SB	{ND on all 2} analytes				II	128	138	100	110		
	W81M1A	09/08/2004	8330N	{ND on all 19} analytes				II	128	138	100	110		
	W81M1A	09/08/2004	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	09/08/2004	IM40HD	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	09/08/2004	IM40HG	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	09/08/2004	IM40MBM	CALCIUM	2170		UG/L	II	128	138	100	110		
	W81M1A	09/08/2004	IM40MBM	MAGNESIUM	905		UG/L	II	128	138	100	110		
	W81M1A	09/08/2004	IM40MBM	MANGANESE	2.7		UG/L	II	128	138	100	110		
	W81M1A	09/08/2004	IM40MBM	SODIUM	6560		UG/L	II	128	138	100	110	20000	
	W81M1A	09/08/2004	OC21VM	CHLOROFORM	1		UG/L	II	128	138	100	110	80	
	W81M1A	09/08/2004	OC21VM	CHLOROMETHANE	0.3	J	UG/L	II	128	138	100	110	30	
	W81M1A	09/08/2004	SW8270	{ND on all 76} analytes				II	128	138	100	110		
	W81M1A	02/04/2005	8330N	{ND on all 19} analytes				II	128	138	100	110		
	W81M1A	02/04/2005	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	02/04/2005	OC21VM	CHLOROFORM	1		UG/L	II	128	138	100	110	80	
	W81M1A	06/03/2005	8330N	{ND on all 19} analytes				II	128	138	100	110		
	W81M1A	06/03/2005	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	06/03/2005	OC21VM	CHLOROFORM	1		UG/L	II	128	138	100	110	80	
	W81M1A	08/03/2005	6020SB	{ND on all 2} analytes				II	128	138	100	110		
	W81M1A	08/03/2005	8330N	{ND on all 19} analytes				II	128	138	100	110		
	W81M1A	08/03/2005	E314.0	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	08/03/2005	IM40HG	{ND on all 1} analytes				II	128	138	100	110		
	W81M1A	08/03/2005	IM40MBM	CALCIUM	2040	J	UG/L	II	128	138	100	110		
	W81M1A	08/03/2005	IM40MBM	SODIUM	5590		UG/L	II	128	138	100	110	20000	
	W81M1A	08/03/2005	IM40MBM	ZINC	4.8	J	UG/L	II	128	138	100	110	2000	
	W81M1A	08/03/2005	OC21VM	CHLOROFORM	1		UG/L	II	128	138	100	110	80	
	W81M1A	08/03/2005	SW8270	{ND on all 76} analytes				II	128	138	100	110		
	W81M1A	02/15/2006	8330N	{ND on all 19} analytes				*	128	138	100	110		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W81M1A	02/15/2006	E314.0	{ND on all 1} analytes				*	128	138	100	110		
	W81M1A	02/15/2006	OC21VM	CHLOROFORM	0.9	J*	UG/L	*	128	138	100	110	80	
MW-81M2	W81M2A	10/12/1999	300.0	CHLORIDE (AS CL)	8.1		MG/L	II	83	93	55	65		
	W81M2A	10/12/1999	300.0	SULFATE (AS SO4)	6.6		MG/L	II	83	93	55	65		
	W81M2A	10/12/1999	310.1	ALKALINITY, BICARBONATE (AS C	3		MG/L	II	83	93	55	65		
	W81M2A	10/12/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	3		MG/L	II	83	93	55	65		
	W81M2A	10/12/1999	365.2	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	10/12/1999	504	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	10/12/1999	8151	{ND on all 15} analytes				II	83	93	55	65		
	W81M2A	10/12/1999	350.2M	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	10/12/1999	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	83	93	55	65	10	
	W81M2A	10/12/1999	8021W	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	10/12/1999	8330N	{ND on all 19} analytes				II	83	93	55	65		
	W81M2A	10/12/1999	CYAN	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	10/12/1999	IM40HD	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	10/12/1999	IM40HG	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	10/12/1999	IM40MB	CALCIUM	1290		UG/L	II	83	93	55	65		
	W81M2A	10/12/1999	IM40MB	IRON	102	J	UG/L	II	83	93	55	65		
	W81M2A	10/12/1999	IM40MB	MAGNESIUM	1150		UG/L	II	83	93	55	65		
	W81M2A	10/12/1999	IM40MB	MANGANESE	190		UG/L	II	83	93	55	65		
	W81M2A	10/12/1999	IM40MB	SODIUM	5540		UG/L	II	83	93	55	65	20000	
	W81M2A	10/12/1999	OC21B	{ND on all 64} analytes				II	83	93	55	65		
	W81M2A	10/12/1999	OC21V	CHLOROFORM	2		UG/L	II	83	93	55	65	80	
	W81M2A	10/12/1999	OL21P	{ND on all 28} analytes				II	83	93	55	65		
	W81M2A	10/12/1999	TOC	TOTAL ORGANIC CARBON	0.5		MG/L	II	83	93	55	65		
	W81M2A	01/10/2000	300.0	CHLORIDE (AS CL)	7.3		MG/L	II	83	93	55	65		
	W81M2A	01/10/2000	300.0	SULFATE (AS SO4)	7.2		MG/L	II	83	93	55	65		
	W81M2A	01/10/2000	310.1	ALKALINITY, BICARBONATE (AS C	6		MG/L	II	83	93	55	65		
	W81M2A	01/10/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	6		MG/L	II	83	93	55	65		
	W81M2A	01/10/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	II	83	93	55	65		
	W81M2A	01/10/2000	504	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	01/10/2000	8151	{ND on all 18} analytes				II	83	93	55	65		
	W81M2A	01/10/2000	350.2M	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	01/10/2000	353.2M	NITRATE/NITRITE (AS N)	0.08		MG/L	II	83	93	55	65	10	
	W81M2A	01/10/2000	8021W	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	01/10/2000	8330N	{ND on all 18} analytes				II	83	93	55	65		
	W81M2A	01/10/2000	CYAN	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	01/10/2000	IM40HD	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	01/10/2000	IM40HG	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	01/10/2000	IM40MB	ALUMINUM	31.7	J	UG/L	II	83	93	55	65		
	W81M2A	01/10/2000	IM40MB	ARSENIC	3.4	J	UG/L	II	83	93	55	65	10	
	W81M2A	01/10/2000	IM40MB	CALCIUM	2690		UG/L	II	83	93	55	65		
	W81M2A	01/10/2000	IM40MB	MAGNESIUM	973		UG/L	II	83	93	55	65		
	W81M2A	01/10/2000	IM40MB	MANGANESE	53.9		UG/L	II	83	93	55	65		
	W81M2A	01/10/2000	IM40MB	POTASSIUM	698	J	UG/L	II	83	93	55	65		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W81M2A	01/10/2000	IM40MB	SODIUM	5830		UG/L	II	83	93	55	65	20000	
	W81M2A	01/10/2000	IM40MB	ZINC	3.3	J	UG/L	II	83	93	55	65	2000	
	W81M2A	01/10/2000	OC21B	{ND on all 64} analytes				II	83	93	55	65		
	W81M2A	01/10/2000	OC21V	CHLOROFORM	1		UG/L	II	83	93	55	65	80	
	W81M2A	01/10/2000	OL21P	{ND on all 28} analytes				II	83	93	55	65		
	W81M2A	01/10/2000	TOC	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	04/06/2000	300.0	CHLORIDE (AS CL)	7.9		MG/L	II	83	93	55	65		
	W81M2A	04/06/2000	300.0	SULFATE (AS SO4)	6.7		MG/L	II	83	93	55	65		
	W81M2A	04/06/2000	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	83	93	55	65		
	W81M2A	04/06/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	83	93	55	65		
	W81M2A	04/06/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.01		MG/L	II	83	93	55	65		
	W81M2A	04/06/2000	504	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	04/06/2000	8151	{ND on all 18} analytes				II	83	93	55	65		
	W81M2A	04/06/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.05	J	MG/L	II	83	93	55	65	30	
	W81M2A	04/06/2000	353.2M	NITRATE/NITRITE (AS N)	0.07		MG/L	II	83	93	55	65	10	
	W81M2A	04/06/2000	8021W	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	04/06/2000	8330N	{ND on all 18} analytes				II	83	93	55	65		
	W81M2A	04/06/2000	CYAN	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	04/06/2000	IM40HD	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	04/06/2000	IM40HG	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	04/06/2000	IM40MB	ALUMINUM	24.3	J	UG/L	II	83	93	55	65		
	W81M2A	04/06/2000	IM40MB	CALCIUM	2360		UG/L	II	83	93	55	65		
	W81M2A	04/06/2000	IM40MB	MAGNESIUM	896		UG/L	II	83	93	55	65		
	W81M2A	04/06/2000	IM40MB	MANGANESE	29.8		UG/L	II	83	93	55	65		
	W81M2A	04/06/2000	IM40MB	POTASSIUM	726		UG/L	II	83	93	55	65		
	W81M2A	04/06/2000	IM40MB	SILVER	3.2	J	UG/L	II	83	93	55	65	100	
	W81M2A	04/06/2000	IM40MB	SODIUM	5660		UG/L	II	83	93	55	65	20000	
	W81M2A	04/06/2000	OC21B	{ND on all 64} analytes				II	83	93	55	65		
	W81M2A	04/06/2000	OC21V	CHLOROFORM	1		UG/L	II	83	93	55	65	80	
	W81M2A	04/06/2000	OL21P	{ND on all 28} analytes				II	83	93	55	65		
	W81M2A	04/06/2000	TOC	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	08/21/2000	300.0	CHLORIDE (AS CL)	7.6		MG/L	3	83	93	55	65		
	W81M2A	08/21/2000	300.0	SULFATE (AS SO4)	6		MG/L	3	83	93	55	65		
	W81M2A	08/21/2000	310.1	ALKALINITY, BICARBONATE (AS C	5		MG/L	3	83	93	55	65		
	W81M2A	08/21/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	5		MG/L	3	83	93	55	65		
	W81M2A	08/21/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	3	83	93	55	65		
	W81M2A	08/21/2000	504	{ND on all 1} analytes				3	83	93	55	65		
	W81M2A	08/21/2000	8151	{ND on all 17} analytes				3	83	93	55	65		
	W81M2A	08/21/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.03	J	MG/L	3	83	93	55	65	30	
	W81M2A	08/21/2000	353.2M	NITRATE/NITRITE (AS N)	0.06		MG/L	3	83	93	55	65	10	
	W81M2A	08/21/2000	8021W	{ND on all 1} analytes				3	83	93	55	65		
	W81M2A	08/21/2000	8330N	{ND on all 19} analytes				3	83	93	55	65		
	W81M2A	08/21/2000	CYAN	{ND on all 1} analytes				3	83	93	55	65		
	W81M2A	08/21/2000	E314.0	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	08/21/2000	IM40HD	{ND on all 1} analytes				3	83	93	55	65		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W81M2A	08/21/2000	IM40HG	{ND on all 1} analytes				3	83	93	55	65		
	W81M2A	08/21/2000	IM40MB	ALUMINUM	48.4		UG/L	3	83	93	55	65		
	W81M2A	08/21/2000	IM40MB	BORON	6.2	J	UG/L	3	83	93	55	65	600	
	W81M2A	08/21/2000	IM40MB	CALCIUM	2170		UG/L	3	83	93	55	65		
	W81M2A	08/21/2000	IM40MB	IRON	66.7	J	UG/L	3	83	93	55	65		
	W81M2A	08/21/2000	IM40MB	MAGNESIUM	950		UG/L	3	83	93	55	65		
	W81M2A	08/21/2000	IM40MB	MANGANESE	18.8		UG/L	3	83	93	55	65		
	W81M2A	08/21/2000	IM40MB	POTASSIUM	616	J	UG/L	3	83	93	55	65		
	W81M2A	08/21/2000	IM40MB	SODIUM	5890		UG/L	3	83	93	55	65	20000	
	W81M2A	08/21/2000	OC21V	CHLOROFORM	1		UG/L	3	83	93	55	65	80	
	W81M2A	08/21/2000	OL21P	{ND on all 28} analytes				3	83	93	55	65		
	W81M2A	08/21/2000	SW8270	{ND on all 77} analytes				3	83	93	55	65		
	W81M2A	08/21/2000	TOC	TOTAL ORGANIC CARBON	0.7		MG/L	3	83	93	55	65		
	W81M2A	08/16/2001	8151	{ND on all 18} analytes				II	83	93	55	65		
	W81M2A	08/16/2001	8330NX	{ND on all 22} analytes				II	83	93	55	65		
	W81M2A	08/16/2001	E314.0	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	08/16/2001	ILSBTL	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	08/16/2001	IM40HD	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	08/16/2001	IM40HG	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	08/16/2001	IM40MB	ALUMINUM	75.3		UG/L	II	83	93	55	65		
	W81M2A	08/16/2001	IM40MB	BORON	7.1		UG/L	II	83	93	55	65	600	
	W81M2A	08/16/2001	IM40MB	CALCIUM	2020		UG/L	II	83	93	55	65		
	W81M2A	08/16/2001	IM40MB	COPPER	1.9	J	UG/L	II	83	93	55	65	1300	
	W81M2A	08/16/2001	IM40MB	IRON	123	J	UG/L	II	83	93	55	65		
	W81M2A	08/16/2001	IM40MB	MAGNESIUM	960		UG/L	II	83	93	55	65		
	W81M2A	08/16/2001	IM40MB	MANGANESE	11		UG/L	II	83	93	55	65		
	W81M2A	08/16/2001	IM40MB	POTASSIUM	606		UG/L	II	83	93	55	65		
	W81M2A	08/16/2001	IM40MB	SODIUM	6040		UG/L	II	83	93	55	65	20000	
	W81M2A	08/16/2001	IM40MB	ZINC	1.5	J	UG/L	II	83	93	55	65	2000	
	W81M2A	08/16/2001	OC21V	CHLOROFORM	1		UG/L	II	83	93	55	65	80	
	W81M2A	08/16/2001	OL21P	{ND on all 28} analytes				II	83	93	55	65		
	W81M2A	08/16/2001	SW8270	{ND on all 77} analytes				II	83	93	55	65		
	W81M2A	03/01/2002	8330N	{ND on all 19} analytes				II	83	93	55	65		
	W81M2A	03/01/2002	E314.0	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	03/28/2002	8330N	{ND on all 19} analytes				II	83	93	55	65		
	W81M2A	03/28/2002	E314.0	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	03/28/2002	OC21V	CHLOROFORM	1		UG/L	II	83	93	55	65	80	
	W81M2A	05/03/2002	8330N	{ND on all 19} analytes				II	83	93	55	65		
	W81M2A	05/03/2002	E314.0	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	05/03/2002	OC21V	CHLOROFORM	1		UG/L	II	83	93	55	65	80	
	W81M2A	06/09/2002	8330N	{ND on all 19} analytes				II	83	93	55	65		
	W81M2A	06/09/2002	E314.0	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	06/09/2002	OC21V	CHLOROFORM	1		UG/L	II	83	93	55	65	80	
	W81M2A	07/10/2002	E314.0	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	08/07/2002	8151	{ND on all 17} analytes				II	83	93	55	65		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W81M2A	08/07/2002	8330NX	{ND on all 22} analytes				II	83	93	55	65		
	W81M2A	08/07/2002	E314.0	PERCHLORATE	0.38	J	UG/L	II	83	93	55	65		
	W81M2A	08/07/2002	ILSBTL	{ND on all 2} analytes				II	83	93	55	65		
	W81M2A	08/07/2002	IM40HD	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	08/07/2002	IM40HG	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	08/07/2002	IM40MB	ALUMINUM	59.4		UG/L	II	83	93	55	65		
	W81M2A	08/07/2002	IM40MB	ARSENIC	6.4	J	UG/L	II	83	93	55	65	10	
	W81M2A	08/07/2002	IM40MB	BORON	7.9		UG/L	II	83	93	55	65	600	
	W81M2A	08/07/2002	IM40MB	CALCIUM	1830		UG/L	II	83	93	55	65		
	W81M2A	08/07/2002	IM40MB	MAGNESIUM	863		UG/L	II	83	93	55	65		
	W81M2A	08/07/2002	IM40MB	MANGANESE	8.5		UG/L	II	83	93	55	65		
	W81M2A	08/07/2002	IM40MB	POTASSIUM	637		UG/L	II	83	93	55	65		
	W81M2A	08/07/2002	IM40MB	SODIUM	6210		UG/L	II	83	93	55	65	20000	
	W81M2A	08/07/2002	OC21V	CHLOROFORM	1		UG/L	II	83	93	55	65	80	
	W81M2A	08/07/2002	SW8270	{ND on all 78} analytes				II	83	93	55	65		
	W81M2A	09/07/2002	E314.0	{ND on all 1} analytes				3	83	93	55	65		
	W81M2A	10/10/2002	E314.0	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	12/12/2002	E314.0	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	01/23/2003	E314.0	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	02/05/2003	8330N	{ND on all 19} analytes				II	83	93	55	65		
	W81M2A	02/05/2003	E314.0	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	02/05/2003	OC21V	CHLOROFORM	1		UG/L	II	83	93	55	65	80	
	W81M2A	03/14/2003	E314.0	{ND on all 1} analytes				3	83	93	55	65		
	W81M2A	04/25/2003	8330N	{ND on all 19} analytes				II	83	93	55	65		
	W81M2A	04/25/2003	E314.0	{ND on all 1} analytes				3	83	93	55	65		
	W81M2A	04/25/2003	OC21V	CHLOROFORM	1		UG/L	II	83	93	55	65	80	
	W81M2A	05/30/2003	E314.0	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	06/30/2003	E314.0	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	07/31/2003	E314.0	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	08/15/2003	E314.0	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	09/24/2003	8151	{ND on all 17} analytes				II	83	93	55	65		
	W81M2A	09/24/2003	6020SB	{ND on all 2} analytes				II	83	93	55	65		
	W81M2A	09/24/2003	8330NX	{ND on all 22} analytes				II	83	93	55	65		
	W81M2A	09/24/2003	E314.0	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	09/24/2003	IM40HD	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	09/24/2003	IM40HG	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	09/24/2003	IM40MB	BORON	6.3	J	UG/L	II	83	93	55	65	600	
	W81M2A	09/24/2003	IM40MB	CALCIUM	1870		UG/L	II	83	93	55	65		
	W81M2A	09/24/2003	IM40MB	MAGNESIUM	839		UG/L	II	83	93	55	65		
	W81M2A	09/24/2003	IM40MB	MANGANESE	5.7		UG/L	II	83	93	55	65		
	W81M2A	09/24/2003	IM40MB	SODIUM	5220		UG/L	II	83	93	55	65	20000	
	W81M2A	09/24/2003	OC21V	CHLOROFORM	1		UG/L	II	83	93	55	65	80	
	W81M2A	09/24/2003	SW8270	{ND on all 77} analytes				II	83	93	55	65		
	W81M2A	10/22/2003	E314.0	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	11/22/2003	E314.0	{ND on all 1} analytes				II	83	93	55	65		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W81M2A	12/11/2003	E314.0	PERCHLORATE	0.37	J	UG/L	II	83	93	55	65		
	W81M2A	01/12/2004	8330N	{ND on all 19} analytes				II	83	93	55	65		
	W81M2D	01/12/2004	8330N	{ND on all 19} analytes				II	83	93	55	65		
	W81M2A	01/12/2004	E314.0	{ND on all 1} analytes				II	83	93	55	65		
	W81M2D	01/12/2004	E314.0	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	01/12/2004	OC21VM	CHLOROFORM	1		UG/L	II	83	93	55	65	80	
	W81M2D	01/12/2004	OC21VM	CHLOROFORM	1		UG/L	II	83	93	55	65	80	
	W81M2A	02/13/2004	E314.0	{ND on all 1} analytes				3	83	93	55	65		
	W81M2A	03/12/2004	E314.0	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	04/16/2004	8330N	{ND on all 19} analytes				II	83	93	55	65		
	W81M2A	04/16/2004	E314.0	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	04/16/2004	OC21VM	CHLOROFORM	1		UG/L	II	83	93	55	65	80	
	W81M2A	09/08/2004	6020SB	{ND on all 2} analytes				II	83	93	55	65		
	W81M2A	09/08/2004	8330N	{ND on all 19} analytes				II	83	93	55	65		
	W81M2A	09/08/2004	E314.0	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	09/08/2004	IM40HD	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	09/08/2004	IM40HG	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	09/08/2004	IM40MBM	CALCIUM	1960		UG/L	II	83	93	55	65		
	W81M2A	09/08/2004	IM40MBM	MAGNESIUM	931		UG/L	II	83	93	55	65		
	W81M2A	09/08/2004	IM40MBM	MANGANESE	3		UG/L	II	83	93	55	65		
	W81M2A	09/08/2004	IM40MBM	POTASSIUM	866		UG/L	II	83	93	55	65		
	W81M2A	09/08/2004	IM40MBM	SODIUM	6450		UG/L	II	83	93	55	65	20000	
	W81M2A	09/08/2004	OC21VM	CHLOROFORM	1		UG/L	II	83	93	55	65	80	
	W81M2A	09/08/2004	SW8270	{ND on all 76} analytes				II	83	93	55	65		
	W81M2A	02/04/2005	8330N	{ND on all 19} analytes				II	83	93	55	65		
	W81M2A	02/04/2005	E314.0	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	02/04/2005	OC21VM	CHLOROFORM	1		UG/L	II	83	93	55	65	80	
	W81M2A	02/04/2005	OC21VM	CHLOROMETHANE	0.4	J	UG/L	II	83	93	55	65	30	
	W81M2A	06/03/2005	8330N	{ND on all 19} analytes				II	83	93	55	65		
	W81M2A	06/03/2005	E314.0	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	06/03/2005	OC21VM	CHLOROFORM	1		UG/L	II	83	93	55	65	80	
	W81M2A	08/11/2005	6020SB	{ND on all 2} analytes				II	83	93	55	65		
	W81M2A	08/11/2005	8330N	{ND on all 19} analytes				II	83	93	55	65		
	W81M2A	08/11/2005	E314.0	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	08/11/2005	IM40HG	{ND on all 1} analytes				II	83	93	55	65		
	W81M2A	08/11/2005	IM40MBM	ARSENIC	4.8	J	UG/L	II	83	93	55	65	10	
	W81M2A	08/11/2005	IM40MBM	CALCIUM	1720	J	UG/L	II	83	93	55	65		
	W81M2A	08/11/2005	IM40MBM	MAGNESIUM	893	J	UG/L	II	83	93	55	65		
	W81M2A	08/11/2005	IM40MBM	SODIUM	5860		UG/L	II	83	93	55	65	20000	
	W81M2A	08/11/2005	OC21VM	CHLOROFORM	0.9	J	UG/L	II	83	93	55	65	80	
	W81M2A	08/11/2005	OC21VM	CHLOROMETHANE	0.4	J	UG/L	II	83	93	55	65	30	
	W81M2A	08/11/2005	SW8270	{ND on all 76} analytes				II	83	93	55	65		
	W81M2A	02/15/2006	8330N	{ND on all 19} analytes				*	83	93	55	65		
	W81M2A	02/15/2006	E314.0	{ND on all 1} analytes				*	83	93	55	65		
	W81M2A	02/15/2006	OC21VM	CHLOROFORM	0.8	J*	UG/L	*	83	93	55	65	80	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
MW-81M3	W81M3A	10/12/1999	300.0	CHLORIDE (AS CL)	9.2		MG/L	II	53	58	25	30		
	W81M3A	10/12/1999	300.0	SULFATE (AS SO4)	6.4		MG/L	II	53	58	25	30		
	W81M3A	10/12/1999	310.1	{ND on all 4} analytes				II	53	58	25	30		
	W81M3A	10/12/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.01		MG/L	II	53	58	25	30		
	W81M3A	10/12/1999	504	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	10/12/1999	8151	{ND on all 16} analytes				II	53	58	25	30		
	W81M3A	10/12/1999	350.2M	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	10/12/1999	353.2M	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	10/12/1999	8021W	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	10/12/1999	8330N	{ND on all 19} analytes				II	53	58	25	30		
	W81M3A	10/12/1999	CYAN	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	10/12/1999	IM40HD	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	10/12/1999	IM40HG	MERCURY	0.13	J	UG/L	II	53	58	25	30	2	
	W81M3A	10/12/1999	IM40MB	CALCIUM	1720		UG/L	II	53	58	25	30		
	W81M3A	10/12/1999	IM40MB	MAGNESIUM	1210		UG/L	II	53	58	25	30		
	W81M3A	10/12/1999	IM40MB	MANGANESE	149		UG/L	II	53	58	25	30		
	W81M3A	10/12/1999	IM40MB	POTASSIUM	938	J	UG/L	II	53	58	25	30		
	W81M3A	10/12/1999	IM40MB	SODIUM	5990		UG/L	II	53	58	25	30	20000	
	W81M3A	10/12/1999	OC21B	{ND on all 64} analytes				II	53	58	25	30		
	W81M3A	10/12/1999	OC21V	CHLOROFORM	1		UG/L	II	53	58	25	30	80	
	W81M3A	10/12/1999	OL21P	{ND on all 28} analytes				II	53	58	25	30		
	W81M3A	10/12/1999	TOC	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	01/07/2000	300.0	CHLORIDE (AS CL)	8.7		MG/L	II	53	58	25	30		
	W81M3A	01/07/2000	300.0	SULFATE (AS SO4)	5.9		MG/L	II	53	58	25	30		
	W81M3D	01/07/2000	300.0	CHLORIDE (AS CL)	8.7		MG/L	II	53	58	25	30		
	W81M3D	01/07/2000	300.0	SULFATE (AS SO4)	5.7		MG/L	II	53	58	25	30		
	W81M3A	01/07/2000	310.1	ALKALINITY, BICARBONATE (AS C	3		MG/L	II	53	58	25	30		
	W81M3A	01/07/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	3		MG/L	II	53	58	25	30		
	W81M3D	01/07/2000	310.1	ALKALINITY, BICARBONATE (AS C	3		MG/L	II	53	58	25	30		
	W81M3D	01/07/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	3		MG/L	II	53	58	25	30		
	W81M3A	01/07/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.01		MG/L	II	53	58	25	30		
	W81M3D	01/07/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.01		MG/L	II	53	58	25	30		
	W81M3A	01/07/2000	504	{ND on all 1} analytes				II	53	58	25	30		
	W81M3D	01/07/2000	504	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	01/07/2000	8151	{ND on all 16} analytes				II	53	58	25	30		
	W81M3D	01/07/2000	8151	{ND on all 16} analytes				II	53	58	25	30		
	W81M3A	01/07/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.03		MG/L	II	53	58	25	30	30	
	W81M3D	01/07/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.02		MG/L	II	53	58	25	30	30	
	W81M3A	01/07/2000	353.2M	NITRATE/NITRITE (AS N)	0.01		MG/L	II	53	58	25	30	10	
	W81M3D	01/07/2000	353.2M	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	01/07/2000	8021W	{ND on all 1} analytes				II	53	58	25	30		
	W81M3D	01/07/2000	8021W	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	01/07/2000	8330N	{ND on all 18} analytes				II	53	58	25	30		
	W81M3D	01/07/2000	8330N	{ND on all 18} analytes				II	53	58	25	30		
	W81M3A	01/07/2000	CYAN	{ND on all 1} analytes				II	53	58	25	30		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W81M3D	01/07/2000	CYAN	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	01/07/2000	IM40HD	{ND on all 1} analytes				II	53	58	25	30		
	W81M3D	01/07/2000	IM40HD	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	01/07/2000	IM40HG	{ND on all 1} analytes				II	53	58	25	30		
	W81M3D	01/07/2000	IM40HG	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	01/07/2000	IM40MB	BORON	7.6		UG/L	II	53	58	25	30	600	
	W81M3A	01/07/2000	IM40MB	CALCIUM	1580		UG/L	II	53	58	25	30		
	W81M3A	01/07/2000	IM40MB	CHROMIUM, TOTAL	1.1	J	UG/L	II	53	58	25	30	100	
	W81M3A	01/07/2000	IM40MB	MAGNESIUM	861		UG/L	II	53	58	25	30		
	W81M3A	01/07/2000	IM40MB	MANGANESE	55.8		UG/L	II	53	58	25	30		
	W81M3A	01/07/2000	IM40MB	POTASSIUM	652		UG/L	II	53	58	25	30		
	W81M3A	01/07/2000	IM40MB	SODIUM	6280		UG/L	II	53	58	25	30	20000	
	W81M3A	01/07/2000	IM40MB	VANADIUM	1.8	J	UG/L	II	53	58	25	30		
	W81M3D	01/07/2000	IM40MB	BORON	7		UG/L	II	53	58	25	30	600	
	W81M3D	01/07/2000	IM40MB	CALCIUM	1580		UG/L	II	53	58	25	30		
	W81M3D	01/07/2000	IM40MB	CHROMIUM, TOTAL	1.2	J	UG/L	II	53	58	25	30	100	
	W81M3D	01/07/2000	IM40MB	MAGNESIUM	878		UG/L	II	53	58	25	30		
	W81M3D	01/07/2000	IM40MB	MANGANESE	56.4		UG/L	II	53	58	25	30		
	W81M3D	01/07/2000	IM40MB	NICKEL	1.8	J	UG/L	II	53	58	25	30	100	
	W81M3D	01/07/2000	IM40MB	POTASSIUM	667		UG/L	II	53	58	25	30		
	W81M3D	01/07/2000	IM40MB	SODIUM	6450		UG/L	II	53	58	25	30	20000	
	W81M3A	01/07/2000	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	2	J	UG/L	II	53	58	25	30	6	
	W81M3D	01/07/2000	OC21B	{ND on all 63} analytes				II	53	58	25	30		
	W81M3A	01/07/2000	OC21V	CHLOROFORM	1		UG/L	II	53	58	25	30	80	
	W81M3D	01/07/2000	OC21V	CHLOROFORM	1		UG/L	II	53	58	25	30	80	
	W81M3A	01/07/2000	OL21P	{ND on all 28} analytes				II	53	58	25	30		
	W81M3D	01/07/2000	OL21P	{ND on all 28} analytes				II	53	58	25	30		
	W81M3A	01/07/2000	TOC	{ND on all 1} analytes				II	53	58	25	30		
	W81M3D	01/07/2000	TOC	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	04/10/2000	300.0	CHLORIDE (AS CL)	9		MG/L	II	53	58	25	30		
	W81M3A	04/10/2000	300.0	SULFATE (AS SO4)	6.6		MG/L	II	53	58	25	30		
	W81M3A	04/10/2000	310.1	ALKALINITY, BICARBONATE (AS C	3		MG/L	II	53	58	25	30		
	W81M3A	04/10/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	3		MG/L	II	53	58	25	30		
	W81M3A	04/10/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	II	53	58	25	30		
	W81M3A	04/10/2000	504	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	04/10/2000	8151	{ND on all 15} analytes				II	53	58	25	30		
	W81M3A	04/10/2000	350.2M	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	04/10/2000	353.2M	NITRATE/NITRITE (AS N)	0.01		MG/L	II	53	58	25	30	10	
	W81M3A	04/10/2000	8021W	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	04/10/2000	8330N	{ND on all 18} analytes				II	53	58	25	30		
	W81M3A	04/10/2000	CYAN	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	04/10/2000	IM40HD	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	04/10/2000	IM40HG	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	04/10/2000	IM40MB	BORON	6.6		UG/L	II	53	58	25	30	600	
	W81M3A	04/10/2000	IM40MB	CALCIUM	1500		UG/L	II	53	58	25	30		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W81M3A	04/10/2000	IM40MB	MAGNESIUM	1110		UG/L	II	53	58	25	30		
	W81M3A	04/10/2000	IM40MB	MANGANESE	25.6		UG/L	II	53	58	25	30		
	W81M3A	04/10/2000	IM40MB	POTASSIUM	738		UG/L	II	53	58	25	30		
	W81M3A	04/10/2000	IM40MB	SODIUM	5840		UG/L	II	53	58	25	30	20000	
	W81M3A	04/10/2000	IM40MB	ZINC	1.8	J	UG/L	II	53	58	25	30	2000	
	W81M3A	04/10/2000	OC21B	{ND on all 64} analytes				II	53	58	25	30		
	W81M3A	04/10/2000	OC21V	CHLOROFORM	1		UG/L	II	53	58	25	30	80	
	W81M3A	04/10/2000	OL21P	{ND on all 28} analytes				II	53	58	25	30		
	W81M3A	04/10/2000	TOC	TOTAL ORGANIC CARBON	1.1		MG/L	II	53	58	25	30		
	W81M3A	08/18/2000	300.0	CHLORIDE (AS CL)	8.4		MG/L	3	53	58	25	30		
	W81M3A	08/18/2000	300.0	SULFATE (AS SO4)	6.2		MG/L	3	53	58	25	30		
	W81M3A	08/18/2000	310.1	ALKALINITY, BICARBONATE (AS C	3		MG/L	3	53	58	25	30		
	W81M3A	08/18/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	3		MG/L	3	53	58	25	30		
	W81M3A	08/18/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.01		MG/L	3	53	58	25	30		
	W81M3A	08/18/2000	504	{ND on all 1} analytes				3	53	58	25	30		
	W81M3A	08/18/2000	8151	{ND on all 16} analytes				3	53	58	25	30		
	W81M3A	08/18/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.02		MG/L	3	53	58	25	30	30	
	W81M3A	08/18/2000	353.2M	{ND on all 1} analytes				3	53	58	25	30		
	W81M3A	08/18/2000	8021W	{ND on all 1} analytes				3	53	58	25	30		
	W81M3A	08/18/2000	8330N	{ND on all 19} analytes				3	53	58	25	30		
	W81M3A	08/18/2000	CYAN	{ND on all 1} analytes				3	53	58	25	30		
	W81M3A	08/18/2000	E314.0	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	08/18/2000	IM40HD	{ND on all 1} analytes				3	53	58	25	30		
	W81M3A	08/18/2000	IM40HG	{ND on all 1} analytes				3	53	58	25	30		
	W81M3A	08/18/2000	IM40MB	BORON	7.1	J	UG/L	3	53	58	25	30	600	
	W81M3A	08/18/2000	IM40MB	CALCIUM	1420		UG/L	3	53	58	25	30		
	W81M3A	08/18/2000	IM40MB	MAGNESIUM	1080		UG/L	3	53	58	25	30		
	W81M3A	08/18/2000	IM40MB	MANGANESE	14.8		UG/L	3	53	58	25	30		
	W81M3A	08/18/2000	IM40MB	POTASSIUM	661	J	UG/L	3	53	58	25	30		
	W81M3A	08/18/2000	IM40MB	SODIUM	6210		UG/L	3	53	58	25	30	20000	
	W81M3A	08/18/2000	OC21V	CHLOROFORM	2		UG/L	3	53	58	25	30	80	
	W81M3A	08/18/2000	OL21P	BETA BHC (BETA HEXACHLOROC	0.01	J	UG/L	3	53	58	25	30		
	W81M3A	08/18/2000	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.23	J	UG/L	3	53	58	25	30	6	
	W81M3A	08/18/2000	TOC	{ND on all 1} analytes				3	53	58	25	30		
	W81M3A	08/16/2001	8151	{ND on all 18} analytes				II	53	58	25	30		
	W81M3A	08/16/2001	8330NX	{ND on all 22} analytes				II	53	58	25	30		
	W81M3A	08/16/2001	E314.0	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	08/16/2001	ILSBTL	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	08/16/2001	IM40HD	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	08/16/2001	IM40HG	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	08/16/2001	IM40MB	ALUMINUM	13.3	J	UG/L	II	53	58	25	30		
	W81M3A	08/16/2001	IM40MB	ANTIMONY	2.1	J	UG/L	II	53	58	25	30	6	
	W81M3A	08/16/2001	IM40MB	BARIUM	3.9	J	UG/L	II	53	58	25	30	2000	
	W81M3A	08/16/2001	IM40MB	BORON	7.6		UG/L	II	53	58	25	30	600	
	W81M3A	08/16/2001	IM40MB	CALCIUM	1420		UG/L	II	53	58	25	30		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W81M3A	08/16/2001	IM40MB	MAGNESIUM	1070		UG/L	II	53	58	25	30		
	W81M3A	08/16/2001	IM40MB	MANGANESE	5.3		UG/L	II	53	58	25	30		
	W81M3A	08/16/2001	IM40MB	POTASSIUM	607		UG/L	II	53	58	25	30		
	W81M3A	08/16/2001	IM40MB	SODIUM	6040		UG/L	II	53	58	25	30	20000	
	W81M3A	08/16/2001	IM40MB	ZINC	2.7	J	UG/L	II	53	58	25	30	2000	
	W81M3A	08/16/2001	OC21V	CHLOROFORM	1		UG/L	II	53	58	25	30	80	
	W81M3A	08/16/2001	OL21P	{ND on all 28} analytes				II	53	58	25	30		
	W81M3A	08/16/2001	SW8270	{ND on all 77} analytes				II	53	58	25	30		
	W81M3A	03/01/2002	8330N	{ND on all 19} analytes				II	53	58	25	30		
	W81M3A	03/01/2002	E314.0	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	03/28/2002	8330N	{ND on all 19} analytes				II	53	58	25	30		
	W81M3A	03/28/2002	E314.0	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	03/28/2002	OC21V	CHLOROFORM	2		UG/L	II	53	58	25	30	80	
	W81M3A	05/06/2002	8330N	{ND on all 19} analytes				II	53	58	25	30		
	W81M3A	05/06/2002	E314.0	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	05/06/2002	OC21V	CHLOROFORM	2		UG/L	II	53	58	25	30	80	
	W81M3A	06/09/2002	8330N	{ND on all 19} analytes				II	53	58	25	30		
	W81M3A	06/09/2002	E314.0	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	06/09/2002	OC21V	CHLOROFORM	1		UG/L	II	53	58	25	30	80	
	W81M3A	07/16/2002	E314.0	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	08/07/2002	8151	{ND on all 17} analytes				II	53	58	25	30		
	W81M3D	08/07/2002	8151	{ND on all 17} analytes				II	53	58	25	30		
	W81M3A	08/07/2002	8330NX	{ND on all 22} analytes				II	53	58	25	30		
	W81M3D	08/07/2002	8330NX	{ND on all 22} analytes				II	53	58	25	30		
	W81M3A	08/07/2002	E314.0	{ND on all 1} analytes				II	53	58	25	30		
	W81M3D	08/07/2002	E314.0	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	08/07/2002	ILSBTL	{ND on all 2} analytes				II	53	58	25	30		
	W81M3D	08/07/2002	ILSBTL	{ND on all 2} analytes				II	53	58	25	30		
	W81M3A	08/07/2002	IM40HD	{ND on all 1} analytes				II	53	58	25	30		
	W81M3D	08/07/2002	IM40HD	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	08/07/2002	IM40HG	{ND on all 1} analytes				II	53	58	25	30		
	W81M3D	08/07/2002	IM40HG	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	08/07/2002	IM40MB	ALUMINUM	27	J	UG/L	II	53	58	25	30		
	W81M3A	08/07/2002	IM40MB	BORON	9.2		UG/L	II	53	58	25	30	600	
	W81M3A	08/07/2002	IM40MB	CALCIUM	1400		UG/L	II	53	58	25	30		
	W81M3A	08/07/2002	IM40MB	MAGNESIUM	1040		UG/L	II	53	58	25	30		
	W81M3A	08/07/2002	IM40MB	MANGANESE	3.6		UG/L	II	53	58	25	30		
	W81M3A	08/07/2002	IM40MB	POTASSIUM	711		UG/L	II	53	58	25	30		
	W81M3A	08/07/2002	IM40MB	SODIUM	6350		UG/L	II	53	58	25	30	20000	
	W81M3A	08/07/2002	IM40MB	ZINC	1.6	J	UG/L	II	53	58	25	30	2000	
	W81M3D	08/07/2002	IM40MB	ALUMINUM	27.1	J	UG/L	II	53	58	25	30		
	W81M3D	08/07/2002	IM40MB	BORON	9		UG/L	II	53	58	25	30	600	
	W81M3D	08/07/2002	IM40MB	CALCIUM	1390		UG/L	II	53	58	25	30		
	W81M3D	08/07/2002	IM40MB	COPPER	3.3	J	UG/L	II	53	58	25	30	1300	
	W81M3D	08/07/2002	IM40MB	MAGNESIUM	1030		UG/L	II	53	58	25	30		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W81M3D	08/07/2002	IM40MB	MANGANESE	3.1		UG/L	II	53	58	25	30		
	W81M3D	08/07/2002	IM40MB	NICKEL	1.5	J	UG/L	II	53	58	25	30	100	
	W81M3D	08/07/2002	IM40MB	POTASSIUM	694		UG/L	II	53	58	25	30		
	W81M3D	08/07/2002	IM40MB	SODIUM	6160		UG/L	II	53	58	25	30	20000	
	W81M3D	08/07/2002	IM40MB	ZINC	2.1	J	UG/L	II	53	58	25	30	2000	
	W81M3A	08/07/2002	OC21V	CHLOROFORM	2		UG/L	II	53	58	25	30	80	
	W81M3D	08/07/2002	OC21V	CHLOROFORM	2		UG/L	II	53	58	25	30	80	
	W81M3A	08/07/2002	SW8270	{ND on all 77} analytes				II	53	58	25	30		
	W81M3D	08/07/2002	SW8270	{ND on all 77} analytes				II	53	58	25	30		
	W81M3A	09/07/2002	E314.0	{ND on all 1} analytes				3	53	58	25	30		
	W81M3A	10/10/2002	E314.0	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	12/12/2002	E314.0	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	01/21/2003	E314.0	{ND on all 1} analytes				II	53	58	25	30		
	W81M3D	01/21/2003	E314.0	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	02/06/2003	8330N	{ND on all 19} analytes				II	53	58	25	30		
	W81M3A	02/06/2003	E314.0	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	02/06/2003	OC21V	CHLOROFORM	1		UG/L	II	53	58	25	30	80	
	W81M3A	03/13/2003	E314.0	{ND on all 1} analytes				3	53	58	25	30		
	W81M3A	04/25/2003	8330N	{ND on all 19} analytes				II	53	58	25	30		
	W81M3D	04/25/2003	8330N	{ND on all 19} analytes				II	53	58	25	30		
	W81M3A	04/25/2003	E314.0	{ND on all 1} analytes				3	53	58	25	30		
	W81M3D	04/25/2003	E314.0	{ND on all 1} analytes				3	53	58	25	30		
	W81M3A	04/25/2003	OC21V	CHLOROFORM	2		UG/L	II	53	58	25	30	80	
	W81M3D	04/25/2003	OC21V	CHLOROFORM	2		UG/L	II	53	58	25	30	80	
	W81M3A	05/30/2003	E314.0	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	06/27/2003	E314.0	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	07/23/2003	E314.0	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	08/15/2003	E314.0	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	09/23/2003	8151	{ND on all 17} analytes				II	53	58	25	30		
	W81M3A	09/23/2003	6020SB	{ND on all 2} analytes				II	53	58	25	30		
	W81M3A	09/23/2003	8330NX	{ND on all 22} analytes				II	53	58	25	30		
	W81M3A	09/23/2003	E314.0	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	09/23/2003	IM40HD	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	09/23/2003	IM40HG	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	09/23/2003	IM40MB	CALCIUM	1280		UG/L	II	53	58	25	30		
	W81M3A	09/23/2003	IM40MB	MAGNESIUM	967		UG/L	II	53	58	25	30		
	W81M3A	09/23/2003	IM40MB	MANGANESE	1.5	J	UG/L	II	53	58	25	30		
	W81M3A	09/23/2003	IM40MB	SODIUM	5310		UG/L	II	53	58	25	30	20000	
	W81M3A	09/23/2003	OC21V	CHLOROFORM	2		UG/L	II	53	58	25	30	80	
	W81M3A	09/23/2003	SW8270	{ND on all 78} analytes				II	53	58	25	30		
	W81M3A	10/22/2003	E314.0	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	11/22/2003	E314.0	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	12/11/2003	E314.0	{ND on all 1} analytes				II	53	58	25	30		
	W81M3D	12/11/2003	E314.0	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	01/12/2004	8330N	{ND on all 19} analytes				II	53	58	25	30		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W81M3A	01/12/2004	E314.0	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	01/12/2004	OC21VM	CHLOROFORM	3		UG/L	II	53	58	25	30	80	
	W81M3A	02/13/2004	E314.0	{ND on all 1} analytes				3	53	58	25	30		
	W81M3A	03/12/2004	E314.0	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	04/13/2004	8330N	{ND on all 19} analytes				II	53	58	25	30		
	W81M3D	04/13/2004	8330N	{ND on all 19} analytes				II	53	58	25	30		
	W81M3A	04/13/2004	E314.0	{ND on all 1} analytes				3	53	58	25	30		
	W81M3D	04/13/2004	E314.0	{ND on all 1} analytes				3	53	58	25	30		
	W81M3A	04/13/2004	OC21VM	CHLOROFORM	2		UG/L	II	53	58	25	30	80	
	W81M3D	04/13/2004	OC21VM	CHLOROFORM	2		UG/L	II	53	58	25	30	80	
	W81M3A	09/07/2004	6020SB	{ND on all 2} analytes				II	53	58	25	30		
	W81M3A	09/07/2004	8330N	{ND on all 19} analytes				II	53	58	25	30		
	W81M3A	09/07/2004	E314.0	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	09/07/2004	IM40HD	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	09/07/2004	IM40HG	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	09/07/2004	IM40MBM	CALCIUM	1500		UG/L	II	53	58	25	30		
	W81M3A	09/07/2004	IM40MBM	MAGNESIUM	1110		UG/L	II	53	58	25	30		
	W81M3A	09/07/2004	IM40MBM	MANGANESE	0.84	J	UG/L	II	53	58	25	30		
	W81M3A	09/07/2004	IM40MBM	POTASSIUM	952		UG/L	II	53	58	25	30		
	W81M3A	09/07/2004	IM40MBM	SELENIUM	3.5	J	UG/L	II	53	58	25	30	50	
	W81M3A	09/07/2004	IM40MBM	SODIUM	6200		UG/L	II	53	58	25	30	20000	
	W81M3A	09/07/2004	OC21VM	CHLOROFORM	2		UG/L	II	53	58	25	30	80	
	W81M3A	09/07/2004	SW8270	{ND on all 76} analytes				II	53	58	25	30		
	W81M3A	02/07/2005	8330N	{ND on all 19} analytes				II	53	58	25	30		
	W81M3A	02/07/2005	E314.0	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	02/07/2005	OC21VM	CHLOROFORM	2		UG/L	II	53	58	25	30	80	
	W81M3A	06/03/2005	8330N	{ND on all 19} analytes				II	53	58	25	30		
	W81M3A	06/03/2005	E314.0	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	06/03/2005	OC21VM	CHLOROFORM	2		UG/L	II	53	58	25	30	80	
	W81M3A	08/03/2005	6020SB	{ND on all 2} analytes				II	53	58	25	30		
	W81M3A	08/03/2005	8330N	{ND on all 19} analytes				II	53	58	25	30		
	W81M3A	08/03/2005	E314.0	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	08/03/2005	IM40HG	{ND on all 1} analytes				II	53	58	25	30		
	W81M3A	08/03/2005	IM40MBM	CALCIUM	1480	J	UG/L	II	53	58	25	30		
	W81M3A	08/03/2005	IM40MBM	SODIUM	5280		UG/L	II	53	58	25	30	20000	
	W81M3A	08/03/2005	OC21VM	CHLOROFORM	2		UG/L	II	53	58	25	30	80	
	W81M3A	08/03/2005	SW8270	{ND on all 76} analytes				II	53	58	25	30		
	W81M3A	02/16/2006	8330N	{ND on all 19} analytes				*	53	58	25	30		
	W81M3D	02/16/2006	8330N	{ND on all 19} analytes				*	53	58	25	30		
	W81M3A	02/16/2006	E314.0	{ND on all 1} analytes				*	53	58	25	30		
	W81M3D	02/16/2006	E314.0	{ND on all 1} analytes				*	53	58	25	30		
	W81M3A	02/16/2006	OC21VM	CHLOROFORM	2	*	UG/L	*	53	58	25	30	80	
	W81M3D	02/16/2006	OC21VM	CHLOROFORM	2	*	UG/L	*	53	58	25	30	80	
MW-81S	W81SSA	10/12/1999	300.0	CHLORIDE (AS CL)	8.1		MG/L	II	25	35	0	10		
	W81SSA	10/12/1999	300.0	SULFATE (AS SO4)	6.6		MG/L	II	25	35	0	10		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W81SSA	10/12/1999	310.1	ALKALINITY, BICARBONATE (AS C	6		MG/L	II	25	35	0	10		
	W81SSA	10/12/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	6		MG/L	II	25	35	0	10		
	W81SSA	10/12/1999	365.2	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	10/12/1999	504	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	10/12/1999	8151	{ND on all 16} analytes				II	25	35	0	10		
	W81SSA	10/12/1999	350.2M	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	10/12/1999	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	25	35	0	10	10	
	W81SSA	10/12/1999	8021W	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	10/12/1999	8330N	{ND on all 19} analytes				II	25	35	0	10		
	W81SSA	10/12/1999	CYAN	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	10/12/1999	IM40HD	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	10/12/1999	IM40HG	MERCURY	0.17	J	UG/L	II	25	35	0	10	2	
	W81SSA	10/12/1999	IM40MB	CALCIUM	1390		UG/L	II	25	35	0	10		
	W81SSA	10/12/1999	IM40MB	IRON	104	J	UG/L	II	25	35	0	10		
	W81SSA	10/12/1999	IM40MB	MAGNESIUM	1170		UG/L	II	25	35	0	10		
	W81SSA	10/12/1999	IM40MB	MANGANESE	187		UG/L	II	25	35	0	10		
	W81SSA	10/12/1999	IM40MB	POTASSIUM	645	J	UG/L	II	25	35	0	10		
	W81SSA	10/12/1999	IM40MB	SODIUM	5770		UG/L	II	25	35	0	10	20000	
	W81SSA	10/12/1999	OC21B	{ND on all 64} analytes				II	25	35	0	10		
	W81SSA	10/12/1999	OC21V	CHLOROFORM	2		UG/L	II	25	35	0	10	80	
	W81SSA	10/12/1999	OL21P	{ND on all 28} analytes				II	25	35	0	10		
	W81SSA	10/12/1999	TOC	TOTAL ORGANIC CARBON	0.6		MG/L	II	25	35	0	10		
	W81SSA	01/11/2000	300.0	CHLORIDE (AS CL)	8.2		MG/L	3	25	35	0	10		
	W81SSA	01/11/2000	300.0	SULFATE (AS SO4)	5.6		MG/L	3	25	35	0	10		
	W81SSA	01/11/2000	310.1	ALKALINITY, BICARBONATE (AS C	3		MG/L	3	25	35	0	10		
	W81SSA	01/11/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	3		MG/L	3	25	35	0	10		
	W81SSA	01/11/2000	365.2	{ND on all 1} analytes				3	25	35	0	10		
	W81SSA	01/11/2000	504	{ND on all 1} analytes				3	25	35	0	10		
	W81SSA	01/11/2000	8151	{ND on all 18} analytes				3	25	35	0	10		
	W81SSA	01/11/2000	350.2M	{ND on all 1} analytes				3	25	35	0	10		
	W81SSA	01/11/2000	353.2M	NITRATE/NITRITE (AS N)	0.03		MG/L	3	25	35	0	10	10	
	W81SSA	01/11/2000	8021W	{ND on all 1} analytes				3	25	35	0	10		
	W81SSA	01/11/2000	8330N	{ND on all 18} analytes				3	25	35	0	10		
	W81SSA	01/11/2000	CYAN	{ND on all 1} analytes				3	25	35	0	10		
	W81SSA	01/11/2000	IM40HD	{ND on all 1} analytes				3	25	35	0	10		
	W81SSA	01/11/2000	IM40HG	{ND on all 1} analytes				3	25	35	0	10		
	W81SSA	01/11/2000	IM40MB	BARIUM	8.5	J	UG/L	3	25	35	0	10	2000	
	W81SSA	01/11/2000	IM40MB	CALCIUM	1060		UG/L	3	25	35	0	10		
	W81SSA	01/11/2000	IM40MB	COPPER	4.1	J	UG/L	3	25	35	0	10	1300	
	W81SSA	01/11/2000	IM40MB	IRON	18.4	J	UG/L	3	25	35	0	10		
	W81SSA	01/11/2000	IM40MB	MAGNESIUM	1220		UG/L	3	25	35	0	10		
	W81SSA	01/11/2000	IM40MB	MANGANESE	11.7		UG/L	3	25	35	0	10		
	W81SSA	01/11/2000	IM40MB	POTASSIUM	722	J	UG/L	3	25	35	0	10		
	W81SSA	01/11/2000	OC21B	{ND on all 64} analytes				3	25	35	0	10		
	W81SSA	01/11/2000	OC21V	CHLOROFORM	2		UG/L	3	25	35	0	10	80	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W81SSA	01/11/2000	OL21P	{ND on all 28} analytes				3	25	35	0	10		
	W81SSA	01/11/2000	TOC	{ND on all 1} analytes				3	25	35	0	10		
	W81SSA	04/06/2000	300.0	CHLORIDE (AS CL)	8.6		MG/L	II	25	35	0	10		
	W81SSA	04/06/2000	300.0	SULFATE (AS SO4)	8.3		MG/L	II	25	35	0	10		
	W81SSA	04/06/2000	310.1	ALKALINITY, BICARBONATE (AS C	3		MG/L	II	25	35	0	10		
	W81SSA	04/06/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	3		MG/L	II	25	35	0	10		
	W81SSA	04/06/2000	365.2	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	04/06/2000	504	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	04/06/2000	8151	{ND on all 18} analytes				II	25	35	0	10		
	W81SSA	04/06/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.03	J	MG/L	II	25	35	0	10	30	
	W81SSA	04/06/2000	353.2M	NITRATE/NITRITE (AS N)	0.07		MG/L	II	25	35	0	10	10	
	W81SSA	04/06/2000	8021W	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	04/06/2000	8330N	{ND on all 18} analytes				II	25	35	0	10		
	W81SSA	04/06/2000	CYAN	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	04/06/2000	IM40HD	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	04/06/2000	IM40HG	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	04/06/2000	IM40MB	BORON	4.5	J	UG/L	II	25	35	0	10	600	
	W81SSA	04/06/2000	IM40MB	CALCIUM	1340		UG/L	II	25	35	0	10		
	W81SSA	04/06/2000	IM40MB	MAGNESIUM	1330		UG/L	II	25	35	0	10		
	W81SSA	04/06/2000	IM40MB	MANGANESE	73.9		UG/L	II	25	35	0	10		
	W81SSA	04/06/2000	IM40MB	POTASSIUM	863		UG/L	II	25	35	0	10		
	W81SSA	04/06/2000	IM40MB	SODIUM	6440		UG/L	II	25	35	0	10	20000	
	W81SSA	04/06/2000	IM40MB	ZINC	5.1		UG/L	II	25	35	0	10	2000	
	W81SSA	04/06/2000	OC21B	{ND on all 64} analytes				II	25	35	0	10		
	W81SSA	04/06/2000	OC21V	CHLOROFORM	2		UG/L	II	25	35	0	10	80	
	W81SSA	04/06/2000	OL21P	{ND on all 28} analytes				II	25	35	0	10		
	W81SSA	04/06/2000	TOC	TOTAL ORGANIC CARBON	2.5	J	MG/L	II	25	35	0	10		
	W81SSA	08/21/2000	300.0	CHLORIDE (AS CL)	11.1		MG/L	3	25	35	0	10		
	W81SSA	08/21/2000	300.0	SULFATE (AS SO4)	5.7		MG/L	3	25	35	0	10		
	W81SSA	08/21/2000	310.1	ALKALINITY, BICARBONATE (AS C	2		MG/L	3	25	35	0	10		
	W81SSA	08/21/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	2		MG/L	3	25	35	0	10		
	W81SSA	08/21/2000	365.2	{ND on all 1} analytes				3	25	35	0	10		
	W81SSA	08/21/2000	504	{ND on all 1} analytes				3	25	35	0	10		
	W81SSA	08/21/2000	8151	{ND on all 17} analytes				3	25	35	0	10		
	W81SSA	08/21/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.03	J	MG/L	3	25	35	0	10	30	
	W81SSA	08/21/2000	353.2M	NITRATE/NITRITE (AS N)	0.19		MG/L	3	25	35	0	10	10	
	W81SSA	08/21/2000	8021W	{ND on all 1} analytes				3	25	35	0	10		
	W81SSA	08/21/2000	8330N	{ND on all 19} analytes				3	25	35	0	10		
	W81SSA	08/21/2000	CYAN	{ND on all 1} analytes				3	25	35	0	10		
	W81SSA	08/21/2000	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	08/21/2000	IM40HD	{ND on all 1} analytes				3	25	35	0	10		
	W81SSA	08/21/2000	IM40HG	{ND on all 1} analytes				3	25	35	0	10		
	W81SSA	08/21/2000	IM40MB	BORON	7.9	J	UG/L	3	25	35	0	10	600	
	W81SSA	08/21/2000	IM40MB	CALCIUM	1370		UG/L	3	25	35	0	10		
	W81SSA	08/21/2000	IM40MB	MAGNESIUM	1620		UG/L	3	25	35	0	10		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W81SSA	08/21/2000	IM40MB	MANGANESE	10.1		UG/L	3	25	35	0	10		
	W81SSA	08/21/2000	IM40MB	POTASSIUM	733	J	UG/L	3	25	35	0	10		
	W81SSA	08/21/2000	IM40MB	SODIUM	6860		UG/L	3	25	35	0	10	20000	
	W81SSA	08/21/2000	OC21V	CHLOROFORM	2		UG/L	3	25	35	0	10	80	
	W81SSA	08/21/2000	OL21P	{ND on all 28} analytes				3	25	35	0	10		
	W81SSA	08/21/2000	SW8270	{ND on all 77} analytes				3	25	35	0	10		
	W81SSA	08/21/2000	TOC	TOTAL ORGANIC CARBON	0.8		MG/L	3	25	35	0	10		
	W81SSA	08/16/2001	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	08/16/2001	ILSBTL	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	08/17/2001	8151	{ND on all 18} analytes				II	25	35	0	10		
	W81SSA	08/17/2001	8330NX	{ND on all 22} analytes				II	25	35	0	10		
	W81SSA	08/17/2001	IM40HD	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	08/17/2001	IM40HG	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	08/17/2001	IM40MB	ALUMINUM	25.7		UG/L	II	25	35	0	10		
	W81SSA	08/17/2001	IM40MB	BARIUM	9.8		UG/L	II	25	35	0	10	2000	
	W81SSA	08/17/2001	IM40MB	BORON	6.6		UG/L	II	25	35	0	10	600	
	W81SSA	08/17/2001	IM40MB	CALCIUM	1450		UG/L	II	25	35	0	10		
	W81SSA	08/17/2001	IM40MB	COPPER	6.6	J	UG/L	II	25	35	0	10	1300	
	W81SSA	08/17/2001	IM40MB	IRON	1760		UG/L	II	25	35	0	10		
	W81SSA	08/17/2001	IM40MB	MAGNESIUM	1600		UG/L	II	25	35	0	10		
	W81SSA	08/17/2001	IM40MB	MANGANESE	14.7		UG/L	II	25	35	0	10		
	W81SSA	08/17/2001	IM40MB	NICKEL	2.8	J	UG/L	II	25	35	0	10	100	
	W81SSA	08/17/2001	IM40MB	POTASSIUM	654		UG/L	II	25	35	0	10		
	W81SSA	08/17/2001	IM40MB	SODIUM	6440		UG/L	II	25	35	0	10	20000	
	W81SSA	08/17/2001	IM40MB	ZINC	2.8	J	UG/L	II	25	35	0	10	2000	
	W81SSA	08/17/2001	OC21V	CHLOROFORM	2		UG/L	II	25	35	0	10	80	
	W81SSA	08/17/2001	OL21P	{ND on all 28} analytes				II	25	35	0	10		
	W81SSA	08/17/2001	SW8270	{ND on all 77} analytes				II	25	35	0	10		
	W81SSA	03/01/2002	8330N	{ND on all 19} analytes				II	25	35	0	10		
	W81SSA	03/01/2002	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	03/28/2002	8330N	{ND on all 19} analytes				II	25	35	0	10		
	W81SSA	03/28/2002	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	03/28/2002	OC21V	CHLOROFORM	2		UG/L	II	25	35	0	10	80	
	W81SSA	05/03/2002	8330N	{ND on all 19} analytes				II	25	35	0	10		
	W81SSA	05/03/2002	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	05/03/2002	OC21V	CHLOROFORM	2		UG/L	II	25	35	0	10	80	
	W81SSA	06/09/2002	8330N	{ND on all 19} analytes				II	25	35	0	10		
	W81SSA	06/09/2002	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	06/09/2002	OC21V	CHLOROFORM	1		UG/L	II	25	35	0	10	80	
	W81SSA	07/16/2002	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	08/07/2002	8151	{ND on all 17} analytes				II	25	35	0	10		
	W81SSA	08/07/2002	8330NX	{ND on all 22} analytes				II	25	35	0	10		
	W81SSA	08/07/2002	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	08/07/2002	ILSBTL	{ND on all 2} analytes				II	25	35	0	10		
	W81SSA	08/07/2002	IM40HD	{ND on all 1} analytes				II	25	35	0	10		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W81SSA	08/07/2002	IM40HG	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	08/07/2002	IM40MB	ALUMINUM	25.5	J	UG/L	II	25	35	0	10		
	W81SSA	08/07/2002	IM40MB	CALCIUM	1370		UG/L	II	25	35	0	10		
	W81SSA	08/07/2002	IM40MB	MAGNESIUM	1410		UG/L	II	25	35	0	10		
	W81SSA	08/07/2002	IM40MB	MANGANESE	4.1		UG/L	II	25	35	0	10		
	W81SSA	08/07/2002	IM40MB	POTASSIUM	797		UG/L	II	25	35	0	10		
	W81SSA	08/07/2002	IM40MB	SODIUM	6030		UG/L	II	25	35	0	10	20000	
	W81SSA	08/07/2002	IM40MB	ZINC	2.1	J	UG/L	II	25	35	0	10	2000	
	W81SSA	08/07/2002	OC21V	CHLOROFORM	0.9	J	UG/L	II	25	35	0	10	80	
	W81SSA	08/07/2002	SW8270	{ND on all 78} analytes				II	25	35	0	10		
	W81SSA	09/07/2002	E314.0	{ND on all 1} analytes				3	25	35	0	10		
	W81SSA	10/10/2002	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	01/22/2003	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	02/06/2003	8330N	{ND on all 19} analytes				II	25	35	0	10		
	W81SSA	02/06/2003	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	02/06/2003	OC21V	CHLOROFORM	0.4	J	UG/L	II	25	35	0	10	80	
	W81SSA	03/14/2003	E314.0	{ND on all 1} analytes				3	25	35	0	10		
	W81SSA	04/25/2003	8330N	{ND on all 19} analytes				II	25	35	0	10		
	W81SSA	04/25/2003	E314.0	{ND on all 1} analytes				3	25	35	0	10		
	W81SSA	04/25/2003	OC21V	CHLOROFORM	0.5	J	UG/L	II	25	35	0	10	80	
	W81SSA	05/30/2003	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	06/30/2003	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	07/23/2003	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	08/15/2003	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	09/24/2003	8151	{ND on all 17} analytes				II	25	35	0	10		
	W81SSA	09/24/2003	6020SB	{ND on all 2} analytes				II	25	35	0	10		
	W81SSA	09/24/2003	8330NX	{ND on all 22} analytes				II	25	35	0	10		
	W81SSA	09/24/2003	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	09/24/2003	IM40HD	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	09/24/2003	IM40HG	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	09/24/2003	IM40MB	CALCIUM	1240		UG/L	II	25	35	0	10		
	W81SSA	09/24/2003	IM40MB	MAGNESIUM	1250		UG/L	II	25	35	0	10		
	W81SSA	09/24/2003	IM40MB	MANGANESE	3.8		UG/L	II	25	35	0	10		
	W81SSA	09/24/2003	IM40MB	SODIUM	5010		UG/L	II	25	35	0	10	20000	
	W81SSA	09/24/2003	OC21V	CHLOROFORM	2		UG/L	II	25	35	0	10	80	
	W81SSA	09/24/2003	SW8270	{ND on all 77} analytes				II	25	35	0	10		
	W81SSA	10/21/2003	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	11/22/2003	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	12/11/2003	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	01/12/2004	8330N	{ND on all 19} analytes				II	25	35	0	10		
	W81SSA	01/12/2004	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	01/12/2004	OC21VM	CHLOROFORM	3		UG/L	II	25	35	0	10	80	
	W81SSA	02/13/2004	E314.0	{ND on all 1} analytes				3	25	35	0	10		
	W81SSA	03/12/2004	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	04/16/2004	8330N	{ND on all 19} analytes				II	25	35	0	10		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W81SSA	04/16/2004	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	04/16/2004	OC21VM	CHLOROFORM	3		UG/L	II	25	35	0	10	80	
	W81SSA	09/10/2004	6020SB	{ND on all 2} analytes				II	25	35	0	10		
	W81SSA	09/10/2004	8330N	{ND on all 19} analytes				II	25	35	0	10		
	W81SSA	09/10/2004	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	09/10/2004	IM40HD	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	09/10/2004	IM40HG	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	09/10/2004	IM40MBM	BARIUM	8.7	J	UG/L	II	25	35	0	10	2000	
	W81SSA	09/10/2004	IM40MBM	CALCIUM	1360		UG/L	II	25	35	0	10		
	W81SSA	09/10/2004	IM40MBM	MAGNESIUM	1320		UG/L	II	25	35	0	10		
	W81SSA	09/10/2004	IM40MBM	MANGANESE	3.2		UG/L	II	25	35	0	10		
	W81SSA	09/10/2004	IM40MBM	SODIUM	5590		UG/L	II	25	35	0	10	20000	
	W81SSA	09/10/2004	OC21VM	CHLOROFORM	2		UG/L	II	25	35	0	10	80	
	W81SSA	09/10/2004	SW8270	{ND on all 77} analytes				II	25	35	0	10		
	W81SSA	02/04/2005	8330N	{ND on all 19} analytes				II	25	35	0	10		
	W81SSA	02/04/2005	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	02/04/2005	OC21VM	CHLOROFORM	0.9	J	UG/L	II	25	35	0	10	80	
	W81SSA	02/04/2005	OC21VM	CHLOROMETHANE	0.3	J	UG/L	II	25	35	0	10	30	
	W81SSA	06/03/2005	8330N	{ND on all 19} analytes				II	25	35	0	10		
	W81SSA	06/03/2005	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	06/03/2005	OC21VM	CHLOROFORM	1		UG/L	II	25	35	0	10	80	
	W81SSA	08/11/2005	6020SB	{ND on all 2} analytes				II	25	35	0	10		
	W81SSA	08/11/2005	8330N	{ND on all 19} analytes				II	25	35	0	10		
	W81SSA	08/11/2005	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	08/11/2005	IM40HG	{ND on all 1} analytes				II	25	35	0	10		
	W81SSA	08/11/2005	IM40MBM	CALCIUM	1650	J	UG/L	II	25	35	0	10		
	W81SSA	08/11/2005	IM40MBM	MAGNESIUM	1520	J	UG/L	II	25	35	0	10		
	W81SSA	08/11/2005	IM40MBM	POTASSIUM	1020	J	UG/L	II	25	35	0	10		
	W81SSA	08/11/2005	IM40MBM	SODIUM	5590		UG/L	II	25	35	0	10	20000	
	W81SSA	08/11/2005	OC21VM	CHLOROFORM	1		UG/L	II	25	35	0	10	80	
	W81SSA	08/11/2005	OC21VM	CHLOROMETHANE	0.4	J	UG/L	II	25	35	0	10	30	
	W81SSA	08/11/2005	SW8270	{ND on all 76} analytes				II	25	35	0	10		
	W81SSA	02/15/2006	8330N	{ND on all 19} analytes				*	25	35	0	10		
	W81SSA	02/15/2006	E314.0	{ND on all 1} analytes				*	25	35	0	10		
	W81SSA	02/15/2006	OC21VM	CHLOROFORM	2	*	UG/L	*	25	35	0	10	80	
MW-82D	W82DDA	10/13/1999	300.0	CHLORIDE (AS CL)	8		MG/L	II	125	135	97	107		
	W82DDA	10/13/1999	300.0	SULFATE (AS SO4)	6.7		MG/L	II	125	135	97	107		
	W82DDA	10/13/1999	310.1	ALKALINITY, BICARBONATE (AS C	15		MG/L	II	125	135	97	107		
	W82DDA	10/13/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	15		MG/L	II	125	135	97	107		
	W82DDA	10/13/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.08		MG/L	II	125	135	97	107		
	W82DDA	10/13/1999	504	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	10/13/1999	8151	{ND on all 16} analytes				II	125	135	97	107		
	W82DDA	10/13/1999	350.2M	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	10/13/1999	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	125	135	97	107	10	
	W82DDA	10/13/1999	8021W	{ND on all 1} analytes				II	125	135	97	107		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W82DDA	10/13/1999	8330N	{ND on all 19} analytes				II	125	135	97	107		
	W82DDA	10/13/1999	CYAN	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	10/13/1999	IM40HD	{ND on all 1} analytes				II	125	135	97	107		
	W82DDL	10/13/1999	IM40HD	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	10/13/1999	IM40HG	{ND on all 1} analytes				II	125	135	97	107		
	W82DDL	10/13/1999	IM40HG	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	10/13/1999	IM40MB	ALUMINUM	1660		UG/L	II	125	135	97	107		
	W82DDA	10/13/1999	IM40MB	BARIUM	11.4		UG/L	II	125	135	97	107	2000	
	W82DDA	10/13/1999	IM40MB	CALCIUM	3270		UG/L	II	125	135	97	107		
	W82DDA	10/13/1999	IM40MB	IRON	2300		UG/L	II	125	135	97	107		
	W82DDA	10/13/1999	IM40MB	MAGNESIUM	1750		UG/L	II	125	135	97	107		
	W82DDA	10/13/1999	IM40MB	MANGANESE	362		UG/L	II	125	135	97	107		
	W82DDA	10/13/1999	IM40MB	MOLYBDENUM	15.4		UG/L	II	125	135	97	107	40	
	W82DDA	10/13/1999	IM40MB	NICKEL	1.8	J	UG/L	II	125	135	97	107	100	
	W82DDA	10/13/1999	IM40MB	POTASSIUM	2820		UG/L	II	125	135	97	107		
	W82DDA	10/13/1999	IM40MB	SODIUM	6740		UG/L	II	125	135	97	107	20000	
	W82DDA	10/13/1999	IM40MB	ZINC	7.6		UG/L	II	125	135	97	107	2000	
	W82DDL	10/13/1999	IM40MB	CALCIUM	3150		UG/L	II	125	135	97	107		
	W82DDL	10/13/1999	IM40MB	MAGNESIUM	1480		UG/L	II	125	135	97	107		
	W82DDL	10/13/1999	IM40MB	MANGANESE	316		UG/L	II	125	135	97	107		
	W82DDL	10/13/1999	IM40MB	MOLYBDENUM	14.4		UG/L	II	125	135	97	107	40	
	W82DDL	10/13/1999	IM40MB	POTASSIUM	2190		UG/L	II	125	135	97	107		
	W82DDL	10/13/1999	IM40MB	SODIUM	6520		UG/L	II	125	135	97	107	20000	
	W82DDL	10/13/1999	IM40MB	ZINC	3.2		UG/L	II	125	135	97	107	2000	
	W82DDA	10/13/1999	OC21B	{ND on all 64} analytes				II	125	135	97	107		
	W82DDA	10/13/1999	OC21V	CHLOROFORM	0.4	J	UG/L	II	125	135	97	107	80	
	W82DDA	10/13/1999	OL21P	{ND on all 28} analytes				II	125	135	97	107		
	W82DDA	10/13/1999	TOC	TOTAL ORGANIC CARBON	0.9		MG/L	II	125	135	97	107		
	W82DDA	01/11/2000	300.0	CHLORIDE (AS CL)	7.8		MG/L	3	125	135	97	107		
	W82DDA	01/11/2000	300.0	SULFATE (AS SO4)	6.3		MG/L	3	125	135	97	107		
	W82DDD	01/11/2000	300.0	CHLORIDE (AS CL)	7.7		MG/L	3	125	135	97	107		
	W82DDD	01/11/2000	300.0	SULFATE (AS SO4)	6.2		MG/L	3	125	135	97	107		
	W82DDA	01/11/2000	310.1	ALKALINITY, BICARBONATE (AS C	9		MG/L	3	125	135	97	107		
	W82DDA	01/11/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	9		MG/L	3	125	135	97	107		
	W82DDD	01/11/2000	310.1	ALKALINITY, BICARBONATE (AS C	8		MG/L	3	125	135	97	107		
	W82DDD	01/11/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	8		MG/L	3	125	135	97	107		
	W82DDA	01/11/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.04		MG/L	3	125	135	97	107		
	W82DDD	01/11/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.03		MG/L	3	125	135	97	107		
	W82DDA	01/11/2000	504	{ND on all 1} analytes				3	125	135	97	107		
	W82DDD	01/11/2000	504	{ND on all 1} analytes				3	125	135	97	107		
	W82DDA	01/11/2000	8151	{ND on all 18} analytes				3	125	135	97	107		
	W82DDD	01/11/2000	8151	{ND on all 18} analytes				3	125	135	97	107		
	W82DDA	01/11/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.02	J	MG/L	3	125	135	97	107	30	
	W82DDD	01/11/2000	350.2M	{ND on all 1} analytes				3	125	135	97	107		
	W82DDA	01/11/2000	353.2M	NITRATE/NITRITE (AS N)	0.03		MG/L	3	125	135	97	107	10	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W82DDD	01/11/2000	353.2M	NITRATE/NITRITE (AS N)	0.03		MG/L	3	125	135	97	107	10	
	W82DDA	01/11/2000	8021W	{ND on all 1} analytes				3	125	135	97	107		
	W82DDD	01/11/2000	8021W	{ND on all 1} analytes				3	125	135	97	107		
	W82DDA	01/11/2000	8330N	{ND on all 18} analytes				3	125	135	97	107		
	W82DDD	01/11/2000	8330N	{ND on all 18} analytes				3	125	135	97	107		
	W82DDA	01/11/2000	CYAN	{ND on all 1} analytes				3	125	135	97	107		
	W82DDD	01/11/2000	CYAN	{ND on all 1} analytes				3	125	135	97	107		
	W82DDA	01/11/2000	IM40HD	{ND on all 1} analytes				3	125	135	97	107		
	W82DDD	01/11/2000	IM40HD	{ND on all 1} analytes				3	125	135	97	107		
	W82DDA	01/11/2000	IM40HG	{ND on all 1} analytes				3	125	135	97	107		
	W82DDD	01/11/2000	IM40HG	{ND on all 1} analytes				3	125	135	97	107		
	W82DDA	01/11/2000	IM40MB	ALUMINUM	492	J	UG/L	3	125	135	97	107		
	W82DDA	01/11/2000	IM40MB	CALCIUM	2760		UG/L	3	125	135	97	107		
	W82DDA	01/11/2000	IM40MB	CHROMIUM, TOTAL	1.1	J	UG/L	3	125	135	97	107	100	
	W82DDA	01/11/2000	IM40MB	IRON	669		UG/L	3	125	135	97	107		
	W82DDA	01/11/2000	IM40MB	MAGNESIUM	1440		UG/L	3	125	135	97	107		
	W82DDA	01/11/2000	IM40MB	MANGANESE	166		UG/L	3	125	135	97	107		
	W82DDA	01/11/2000	IM40MB	POTASSIUM	1090		UG/L	3	125	135	97	107		
	W82DDA	01/11/2000	IM40MB	SODIUM	6640		UG/L	3	125	135	97	107	20000	
	W82DDD	01/11/2000	IM40MB	ALUMINUM	462	J	UG/L	3	125	135	97	107		
	W82DDD	01/11/2000	IM40MB	CALCIUM	2800		UG/L	3	125	135	97	107		
	W82DDD	01/11/2000	IM40MB	CHROMIUM, TOTAL	8.6		UG/L	3	125	135	97	107	100	
	W82DDD	01/11/2000	IM40MB	COPPER	1.9	J	UG/L	3	125	135	97	107	1300	
	W82DDD	01/11/2000	IM40MB	IRON	629		UG/L	3	125	135	97	107		
	W82DDD	01/11/2000	IM40MB	MAGNESIUM	1450		UG/L	3	125	135	97	107		
	W82DDD	01/11/2000	IM40MB	MANGANESE	169		UG/L	3	125	135	97	107		
	W82DDD	01/11/2000	IM40MB	POTASSIUM	1080		UG/L	3	125	135	97	107		
	W82DDD	01/11/2000	IM40MB	SODIUM	6940		UG/L	3	125	135	97	107	20000	
	W82DDA	01/11/2000	OC21B	{ND on all 64} analytes				3	125	135	97	107		
	W82DDD	01/11/2000	OC21B	{ND on all 64} analytes				3	125	135	97	107		
	W82DDA	01/11/2000	OC21V	CHLOROFORM	0.3	J	UG/L	3	125	135	97	107	80	
	W82DDD	01/11/2000	OC21V	CHLOROFORM	0.4	J	UG/L	3	125	135	97	107	80	
	W82DDA	01/11/2000	OL21P	{ND on all 28} analytes				3	125	135	97	107		
	W82DDD	01/11/2000	OL21P	{ND on all 28} analytes				3	125	135	97	107		
	W82DDA	01/11/2000	TOC	{ND on all 1} analytes				3	125	135	97	107		
	W82DDD	01/11/2000	TOC	{ND on all 1} analytes				3	125	135	97	107		
	W82DDA	04/11/2000	300.0	CHLORIDE (AS CL)	8.3	J	MG/L	II	125	135	97	107		
	W82DDA	04/11/2000	300.0	SULFATE (AS SO4)	6.8	J	MG/L	II	125	135	97	107		
	W82DDA	04/11/2000	310.1	ALKALINITY, BICARBONATE (AS C	10		MG/L	II	125	135	97	107		
	W82DDA	04/11/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	10		MG/L	II	125	135	97	107		
	W82DDA	04/11/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.01		MG/L	II	125	135	97	107		
	W82DDA	04/11/2000	504	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	04/11/2000	8151	{ND on all 15} analytes				II	125	135	97	107		
	W82DDA	04/11/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.06	J	MG/L	II	125	135	97	107	30	
	W82DDA	04/11/2000	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	125	135	97	107	10	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W82DDA	04/11/2000	8021W	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	04/11/2000	8330N	{ND on all 18} analytes				II	125	135	97	107		
	W82DDA	04/11/2000	CYAN	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	04/11/2000	IM40HD	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	04/11/2000	IM40HG	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	04/11/2000	IM40MB	BORON	4.2	J	UG/L	II	125	135	97	107	600	
	W82DDA	04/11/2000	IM40MB	CALCIUM	2920		UG/L	II	125	135	97	107		
	W82DDA	04/11/2000	IM40MB	MAGNESIUM	1480		UG/L	II	125	135	97	107		
	W82DDA	04/11/2000	IM40MB	MANGANESE	80		UG/L	II	125	135	97	107		
	W82DDA	04/11/2000	IM40MB	POTASSIUM	404	J	UG/L	II	125	135	97	107		
	W82DDA	04/11/2000	IM40MB	SODIUM	7060		UG/L	II	125	135	97	107	20000	
	W82DDA	04/11/2000	OC21B	{ND on all 64} analytes				II	125	135	97	107		
	W82DDA	04/11/2000	OC21V	CHLOROFORM	0.4	J	UG/L	II	125	135	97	107	80	
	W82DDA	04/11/2000	OL21P	{ND on all 28} analytes				II	125	135	97	107		
	W82DDA	04/11/2000	TOC	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	08/21/2000	300.0	CHLORIDE (AS CL)	8		MG/L	II	125	135	97	107		
	W82DDA	08/21/2000	300.0	SULFATE (AS SO4)	6.3		MG/L	II	125	135	97	107		
	W82DDA	08/21/2000	310.1	ALKALINITY, BICARBONATE (AS C	9		MG/L	II	125	135	97	107		
	W82DDA	08/21/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	9		MG/L	II	125	135	97	107		
	W82DDA	08/21/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.01	J	MG/L	II	125	135	97	107		
	W82DDA	08/21/2000	504	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	08/21/2000	8151	{ND on all 16} analytes				II	125	135	97	107		
	W82DDA	08/21/2000	350.2M	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	08/21/2000	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	125	135	97	107	10	
	W82DDA	08/21/2000	8021W	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	08/21/2000	8330N	{ND on all 19} analytes				II	125	135	97	107		
	W82DDA	08/21/2000	CYAN	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	08/21/2000	E314.0	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	08/21/2000	IM40HD	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	08/21/2000	IM40HG	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	08/21/2000	IM40MB	BORON	7.6	J	UG/L	II	125	135	97	107	600	
	W82DDA	08/21/2000	IM40MB	CALCIUM	2670		UG/L	II	125	135	97	107		
	W82DDA	08/21/2000	IM40MB	MAGNESIUM	1450		UG/L	II	125	135	97	107		
	W82DDA	08/21/2000	IM40MB	MANGANESE	43.8		UG/L	II	125	135	97	107		
	W82DDA	08/21/2000	IM40MB	MOLYBDENUM	3.8	J	UG/L	II	125	135	97	107	40	
	W82DDA	08/21/2000	IM40MB	POTASSIUM	866		UG/L	II	125	135	97	107		
	W82DDA	08/21/2000	IM40MB	SODIUM	6820		UG/L	II	125	135	97	107	20000	
	W82DDA	08/21/2000	OC21V	CHLOROFORM	0.6	J	UG/L	II	125	135	97	107	80	
	W82DDA	08/21/2000	OL21P	{ND on all 28} analytes				II	125	135	97	107		
	W82DDA	08/21/2000	SW8270	{ND on all 77} analytes				II	125	135	97	107		
	W82DDA	08/21/2000	TOC	TOTAL ORGANIC CARBON	1.4		MG/L	II	125	135	97	107		
	W82DDA	08/22/2001	8151	{ND on all 18} analytes				II	125	135	97	107		
	W82DDA	08/22/2001	8330NX	{ND on all 22} analytes				II	125	135	97	107		
	W82DDA	08/22/2001	E314.0	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	08/22/2001	IM40HD	{ND on all 1} analytes				II	125	135	97	107		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W82DDA	08/22/2001	IM40HG	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	08/22/2001	IM40MB	CALCIUM	2780		UG/L	II	125	135	97	107		
	W82DDA	08/22/2001	IM40MB	IRON	68.2	J	UG/L	II	125	135	97	107		
	W82DDA	08/22/2001	IM40MB	MAGNESIUM	1440		UG/L	II	125	135	97	107		
	W82DDA	08/22/2001	IM40MB	MANGANESE	6.7		UG/L	II	125	135	97	107		
	W82DDA	08/22/2001	IM40MB	POTASSIUM	769	J	UG/L	II	125	135	97	107		
	W82DDA	08/22/2001	IM40MB	SODIUM	6560		UG/L	II	125	135	97	107	20000	
	W82DDA	08/22/2001	OC21V	CHLOROFORM	0.7	J	UG/L	II	125	135	97	107	80	
	W82DDA	08/22/2001	OL21P	{ND on all 28} analytes				II	125	135	97	107		
	W82DDA	08/22/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	24		UG/L	II	125	135	97	107	6	X
	W82DDA	03/05/2002	8330N	{ND on all 19} analytes				II	125	135	97	107		
	W82DDA	03/05/2002	E314.0	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	04/06/2002	8330N	{ND on all 19} analytes				II	125	135	97	107		
	W82DDA	04/06/2002	E314.0	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	04/06/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	125	135	97	107	80	
	W82DDA	05/06/2002	8330N	{ND on all 19} analytes				II	125	135	97	107		
	W82DDA	05/06/2002	E314.0	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	05/06/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	125	135	97	107	80	
	W82DDA	06/09/2002	8330N	{ND on all 19} analytes				II	125	135	97	107		
	W82DDA	06/09/2002	E314.0	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	06/09/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	125	135	97	107	80	
	W82DDA	07/16/2002	E314.0	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	08/08/2002	8151	{ND on all 17} analytes				II	125	135	97	107		
	W82DDA	08/08/2002	8330NX	{ND on all 22} analytes				II	125	135	97	107		
	W82DDA	08/08/2002	E314.0	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	08/08/2002	ILSBTL	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	08/08/2002	IM40HD	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	08/08/2002	IM40HG	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	08/08/2002	IM40MB	ALUMINUM	33.8		UG/L	II	125	135	97	107		
	W82DDA	08/08/2002	IM40MB	BORON	6.5	J	UG/L	II	125	135	97	107	600	
	W82DDA	08/08/2002	IM40MB	CALCIUM	2770		UG/L	II	125	135	97	107		
	W82DDA	08/08/2002	IM40MB	MAGNESIUM	1340		UG/L	II	125	135	97	107		
	W82DDA	08/08/2002	IM40MB	MANGANESE	2.9		UG/L	II	125	135	97	107		
	W82DDA	08/08/2002	IM40MB	POTASSIUM	723		UG/L	II	125	135	97	107		
	W82DDA	08/08/2002	IM40MB	SODIUM	6280		UG/L	II	125	135	97	107	20000	
	W82DDA	08/08/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	125	135	97	107	80	
	W82DDA	08/08/2002	SW8270	{ND on all 76} analytes				II	125	135	97	107		
	W82DDA	09/07/2002	E314.0	{ND on all 1} analytes				3	125	135	97	107		
	W82DDA	10/10/2002	E314.0	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	12/18/2002	E314.0	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	01/23/2003	E314.0	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	02/06/2003	8330N	{ND on all 19} analytes				II	125	135	97	107		
	W82DDA	02/06/2003	E314.0	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	02/06/2003	OC21V	CHLOROFORM	0.9	J	UG/L	II	125	135	97	107	80	
	W82DDA	03/13/2003	E314.0	{ND on all 1} analytes				3	125	135	97	107		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W82DDA	04/24/2003	8330N	{ND on all 19} analytes				II	125	135	97	107		
	W82DDA	04/24/2003	E314.0	{ND on all 1} analytes				3	125	135	97	107		
	W82DDA	04/24/2003	OC21V	CHLOROFORM	0.9	J	UG/L	II	125	135	97	107	80	
	W82DDA	05/29/2003	E314.0	{ND on all 1} analytes				3	125	135	97	107		
	W82DDA	06/24/2003	E314.0	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	07/25/2003	E314.0	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	08/25/2003	E314.0	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	09/25/2003	8151	{ND on all 17} analytes				II	125	135	97	107		
	W82DDA	09/25/2003	6020SB	{ND on all 2} analytes				II	125	135	97	107		
	W82DDA	09/25/2003	8330NX	{ND on all 22} analytes				II	125	135	97	107		
	W82DDA	09/25/2003	E314.0	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	09/25/2003	IM40HD	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	09/25/2003	IM40HG	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	09/25/2003	IM40MB	BORON	6.5	J	UG/L	II	125	135	97	107	600	
	W82DDA	09/25/2003	IM40MB	CALCIUM	2830		UG/L	II	125	135	97	107		
	W82DDA	09/25/2003	IM40MB	MAGNESIUM	1430		UG/L	II	125	135	97	107		
	W82DDA	09/25/2003	IM40MB	MOLYBDENUM	1.7	J	UG/L	II	125	135	97	107	40	
	W82DDA	09/25/2003	IM40MB	POTASSIUM	645		UG/L	II	125	135	97	107		
	W82DDA	09/25/2003	IM40MB	SODIUM	6720		UG/L	II	125	135	97	107	20000	
	W82DDA	09/25/2003	OC21V	CHLOROFORM	0.9	J	UG/L	II	125	135	97	107	80	
	W82DDA	09/25/2003	SW8270	{ND on all 77} analytes				II	125	135	97	107		
	W82DDA	10/22/2003	E314.0	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	11/24/2003	E314.0	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	12/12/2003	E314.0	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	01/13/2004	8330N	{ND on all 19} analytes				II	125	135	97	107		
	W82DDA	01/13/2004	E314.0	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	01/13/2004	OC21VM	CHLOROFORM	0.7	J	UG/L	II	125	135	97	107	80	
	W82DDA	02/13/2004	E314.0	{ND on all 1} analytes				3	125	135	97	107		
	W82DDA	03/12/2004	E314.0	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	04/15/2004	8330N	{ND on all 19} analytes				II	125	135	97	107		
	W82DDA	04/15/2004	E314.0	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	04/15/2004	OC21VM	CHLOROFORM	0.9	J	UG/L	II	125	135	97	107	80	
	W82DDA	08/25/2004	6020SB	{ND on all 2} analytes				II	125	135	97	107		
	W82DDA	08/25/2004	8330N	{ND on all 19} analytes				II	125	135	97	107		
	W82DDA	08/25/2004	E314.0	{ND on all 1} analytes				3	125	135	97	107		
	W82DDA	08/25/2004	IM40HD	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	08/25/2004	IM40HG	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	08/25/2004	IM40MBM	ALUMINUM	58.4	J	UG/L	II	125	135	97	107		
	W82DDA	08/25/2004	IM40MBM	BORON	8.8		UG/L	II	125	135	97	107	600	
	W82DDA	08/25/2004	IM40MBM	CALCIUM	3060		UG/L	II	125	135	97	107		
	W82DDA	08/25/2004	IM40MBM	IRON	93	J	UG/L	II	125	135	97	107		
	W82DDA	08/25/2004	IM40MBM	MAGNESIUM	1470		UG/L	II	125	135	97	107		
	W82DDA	08/25/2004	IM40MBM	MANGANESE	3		UG/L	II	125	135	97	107		
	W82DDA	08/25/2004	IM40MBM	MOLYBDENUM	2.8		UG/L	II	125	135	97	107	40	
	W82DDA	08/25/2004	IM40MBM	POTASSIUM	728		UG/L	II	125	135	97	107		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W82DDA	08/25/2004	IM40MBM	SODIUM	7360		UG/L	II	125	135	97	107	20000	
	W82DDA	08/25/2004	OC21VM	CHLOROFORM	1		UG/L	II	125	135	97	107	80	
	W82DDA	08/25/2004	SW8270	{ND on all 77} analytes				II	125	135	97	107		
	W82DDA	02/07/2005	8330N	{ND on all 19} analytes				II	125	135	97	107		
	W82DDA	02/07/2005	E314.0	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	02/07/2005	OC21VM	CHLOROFORM	1		UG/L	II	125	135	97	107	80	
	W82DDA	05/26/2005	8330N	{ND on all 19} analytes				II	125	135	97	107		
	W82DDA	05/26/2005	E314.0	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	05/26/2005	OC21VM	CHLOROFORM	2		UG/L	II	125	135	97	107	80	
	W82DDA	08/09/2005	6020SB	{ND on all 2} analytes				II	125	135	97	107		
	W82DDA	08/09/2005	8330N	{ND on all 19} analytes				II	125	135	97	107		
	W82DDA	08/09/2005	E314.0	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	08/09/2005	IM40HG	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	08/09/2005	IM40MBM	CALCIUM	2680	J	UG/L	II	125	135	97	107		
	W82DDA	08/09/2005	IM40MBM	MAGNESIUM	1370	J	UG/L	II	125	135	97	107		
	W82DDA	08/09/2005	IM40MBM	SODIUM	6330		UG/L	II	125	135	97	107	20000	
	W82DDA	08/09/2005	OC21VM	CHLOROFORM	1		UG/L	II	125	135	97	107	80	
	W82DDA	08/09/2005	SW8270	{ND on all 76} analytes				II	125	135	97	107		
	W82DDA	01/10/2006	8330N	{ND on all 19} analytes				II	125	135	97	107		
	W82DDA	01/10/2006	E314.0	{ND on all 1} analytes				II	125	135	97	107		
	W82DDA	01/10/2006	OC21VM	CHLOROFORM	1		UG/L	II	125	135	97	107	80	
MW-82M1	W82M1A	10/13/1999	300.0	CHLORIDE (AS CL)	8.7		MG/L	II	104	114	76	86		
	W82M1A	10/13/1999	300.0	SULFATE (AS SO4)	6.6		MG/L	II	104	114	76	86		
	W82M1A	10/13/1999	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	104	114	76	86		
	W82M1A	10/13/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	104	114	76	86		
	W82M1A	10/13/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	II	104	114	76	86		
	W82M1A	10/13/1999	504	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	10/13/1999	8151	{ND on all 16} analytes				II	104	114	76	86		
	W82M1A	10/13/1999	350.2M	NITROGEN, AMMONIA (AS N)	0.04	J	MG/L	II	104	114	76	86	30	
	W82M1A	10/13/1999	353.2M	NITRATE/NITRITE (AS N)	0.01		MG/L	II	104	114	76	86	10	
	W82M1A	10/13/1999	8021W	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	10/13/1999	8330N	{ND on all 19} analytes				II	104	114	76	86		
	W82M1A	10/13/1999	CYAN	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	10/13/1999	IM40HD	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	10/13/1999	IM40HG	MERCURY	0.13	J	UG/L	II	104	114	76	86	2	
	W82M1A	10/13/1999	IM40MB	BARIUM	5.8	J	UG/L	II	104	114	76	86	2000	
	W82M1A	10/13/1999	IM40MB	CALCIUM	1450		UG/L	II	104	114	76	86		
	W82M1A	10/13/1999	IM40MB	MAGNESIUM	1140		UG/L	II	104	114	76	86		
	W82M1A	10/13/1999	IM40MB	MANGANESE	16.4		UG/L	II	104	114	76	86		
	W82M1A	10/13/1999	IM40MB	POTASSIUM	747	J	UG/L	II	104	114	76	86		
	W82M1A	10/13/1999	IM40MB	SODIUM	5640		UG/L	II	104	114	76	86	20000	
	W82M1A	10/13/1999	IM40MB	ZINC	3.1	J	UG/L	II	104	114	76	86	2000	
	W82M1A	10/13/1999	OC21B	{ND on all 64} analytes				II	104	114	76	86		
	W82M1A	10/13/1999	OC21V	CHLOROFORM	2		UG/L	II	104	114	76	86	80	
	W82M1A	10/13/1999	OL21P	{ND on all 28} analytes				II	104	114	76	86		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W82M1A	10/13/1999	TOC	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	01/12/2000	300.0	CHLORIDE (AS CL)	8		MG/L	II	104	114	76	86		
	W82M1A	01/12/2000	300.0	SULFATE (AS SO4)	6		MG/L	II	104	114	76	86		
	W82M1A	01/12/2000	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	104	114	76	86		
	W82M1A	01/12/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	104	114	76	86		
	W82M1A	01/12/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.01		MG/L	II	104	114	76	86		
	W82M1A	01/12/2000	504	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	01/12/2000	8151	{ND on all 18} analytes				II	104	114	76	86		
	W82M1A	01/12/2000	350.2M	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	01/12/2000	353.2M	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	01/12/2000	8021W	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	01/12/2000	8330N	{ND on all 18} analytes				II	104	114	76	86		
	W82M1A	01/12/2000	CYAN	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	01/12/2000	IM40HD	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	01/12/2000	IM40HG	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	01/12/2000	IM40MB	CALCIUM	1300		UG/L	II	104	114	76	86		
	W82M1A	01/12/2000	IM40MB	MAGNESIUM	1200		UG/L	II	104	114	76	86		
	W82M1A	01/12/2000	IM40MB	MANGANESE	3.2		UG/L	II	104	114	76	86		
	W82M1A	01/12/2000	IM40MB	POTASSIUM	554		UG/L	II	104	114	76	86		
	W82M1A	01/12/2000	IM40MB	SODIUM	6160		UG/L	II	104	114	76	86	20000	
	W82M1A	01/12/2000	IM40MB	ZINC	3.4	J	UG/L	II	104	114	76	86	2000	
	W82M1A	01/12/2000	OC21B	{ND on all 64} analytes				II	104	114	76	86		
	W82M1A	01/12/2000	OC21V	CHLOROFORM	2		UG/L	II	104	114	76	86	80	
	W82M1A	01/12/2000	OL21P	{ND on all 28} analytes				II	104	114	76	86		
	W82M1A	01/12/2000	TOC	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	04/12/2000	300.0	CHLORIDE (AS CL)	8.5	J	MG/L	II	104	114	76	86		
	W82M1A	04/12/2000	300.0	SULFATE (AS SO4)	6.7	J	MG/L	II	104	114	76	86		
	W82M1A	04/12/2000	310.1	ALKALINITY, BICARBONATE (AS C	3		MG/L	II	104	114	76	86		
	W82M1A	04/12/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	3		MG/L	II	104	114	76	86		
	W82M1A	04/12/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.03		MG/L	II	104	114	76	86		
	W82M1A	04/12/2000	504	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	04/12/2000	8151	{ND on all 15} analytes				II	104	114	76	86		
	W82M1A	04/12/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.03	J	MG/L	II	104	114	76	86	30	
	W82M1A	04/12/2000	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	104	114	76	86	10	
	W82M1A	04/12/2000	8021W	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	04/12/2000	8330N	{ND on all 18} analytes				II	104	114	76	86		
	W82M1A	04/12/2000	CYAN	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	04/12/2000	IM40HD	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	04/12/2000	IM40HG	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	04/12/2000	IM40MB	BORON	7.2		UG/L	II	104	114	76	86	600	
	W82M1A	04/12/2000	IM40MB	CALCIUM	1340		UG/L	II	104	114	76	86		
	W82M1A	04/12/2000	IM40MB	MAGNESIUM	1080		UG/L	II	104	114	76	86		
	W82M1A	04/12/2000	IM40MB	MANGANESE	2.7		UG/L	II	104	114	76	86		
	W82M1A	04/12/2000	IM40MB	POTASSIUM	314	J	UG/L	II	104	114	76	86		
	W82M1A	04/12/2000	IM40MB	SODIUM	6260		UG/L	II	104	114	76	86	20000	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W82M1A	04/12/2000	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	4	J	UG/L	II	104	114	76	86	6	
	W82M1A	04/12/2000	OC21V	CHLOROFORM	2		UG/L	II	104	114	76	86	80	
	W82M1A	04/12/2000	OL21P	{ND on all 28} analytes				II	104	114	76	86		
	W82M1A	04/12/2000	TOC	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	08/21/2000	300.0	CHLORIDE (AS CL)	8		MG/L	II	104	114	76	86		
	W82M1A	08/21/2000	300.0	SULFATE (AS SO4)	6		MG/L	II	104	114	76	86		
	W82M1A	08/21/2000	310.1	ALKALINITY, BICARBONATE (AS C	2		MG/L	II	104	114	76	86		
	W82M1A	08/21/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	2		MG/L	II	104	114	76	86		
	W82M1A	08/21/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02	J	MG/L	II	104	114	76	86		
	W82M1A	08/21/2000	504	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	08/21/2000	8151	{ND on all 16} analytes				II	104	114	76	86		
	W82M1A	08/21/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.03	J	MG/L	II	104	114	76	86	30	
	W82M1A	08/21/2000	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	104	114	76	86	10	
	W82M1A	08/21/2000	8021W	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	08/21/2000	8330N	{ND on all 19} analytes				II	104	114	76	86		
	W82M1A	08/21/2000	CYAN	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	08/21/2000	E314.0	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	08/21/2000	IM40HD	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	08/21/2000	IM40HG	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	08/21/2000	IM40MB	BORON	8.7		UG/L	II	104	114	76	86	600	
	W82M1A	08/21/2000	IM40MB	CALCIUM	1340		UG/L	II	104	114	76	86		
	W82M1A	08/21/2000	IM40MB	MAGNESIUM	1150		UG/L	II	104	114	76	86		
	W82M1A	08/21/2000	IM40MB	POTASSIUM	760		UG/L	II	104	114	76	86		
	W82M1A	08/21/2000	IM40MB	SODIUM	6080		UG/L	II	104	114	76	86	20000	
	W82M1A	08/21/2000	OC21V	CHLOROFORM	2		UG/L	II	104	114	76	86	80	
	W82M1A	08/21/2000	OL21P	{ND on all 28} analytes				II	104	114	76	86		
	W82M1A	08/21/2000	SW8270	{ND on all 77} analytes				II	104	114	76	86		
	W82M1A	08/21/2000	TOC	TOTAL ORGANIC CARBON	1.5		MG/L	II	104	114	76	86		
	W82M1A	08/17/2001	8151	{ND on all 18} analytes				II	104	114	76	86		
	W82M1A	08/17/2001	8330NX	{ND on all 22} analytes				II	104	114	76	86		
	W82M1A	08/17/2001	E314.0	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	08/17/2001	ILSBTL	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	08/17/2001	IM40HD	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	08/17/2001	IM40HG	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	08/17/2001	IM40MB	ALUMINUM	34.5		UG/L	II	104	114	76	86		
	W82M1A	08/17/2001	IM40MB	BARIUM	3.7	J	UG/L	II	104	114	76	86	2000	
	W82M1A	08/17/2001	IM40MB	BORON	8.5		UG/L	II	104	114	76	86	600	
	W82M1A	08/17/2001	IM40MB	CALCIUM	1460		UG/L	II	104	114	76	86		
	W82M1A	08/17/2001	IM40MB	IRON	60.3	J	UG/L	II	104	114	76	86		
	W82M1A	08/17/2001	IM40MB	MAGNESIUM	1170		UG/L	II	104	114	76	86		
	W82M1A	08/17/2001	IM40MB	MANGANESE	1.3	J	UG/L	II	104	114	76	86		
	W82M1A	08/17/2001	IM40MB	POTASSIUM	642		UG/L	II	104	114	76	86		
	W82M1A	08/17/2001	IM40MB	SODIUM	6210		UG/L	II	104	114	76	86	20000	
	W82M1A	08/17/2001	IM40MB	ZINC	9.3		UG/L	II	104	114	76	86	2000	
	W82M1A	08/17/2001	OC21V	CHLOROFORM	3		UG/L	II	104	114	76	86	80	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W82M1A	08/17/2001	OL21P	{ND on all 28} analytes				II	104	114	76	86		
	W82M1A	08/17/2001	SW8270	{ND on all 77} analytes				II	104	114	76	86		
	W82M1A	03/04/2002	8330N	{ND on all 19} analytes				II	104	114	76	86		
	W82M1A	03/04/2002	E314.0	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	04/05/2002	8330N	{ND on all 19} analytes				3	104	114	76	86		
	W82M1A	04/05/2002	E314.0	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	04/05/2002	OC21V	CHLOROFORM	2		UG/L	3	104	114	76	86	80	
	W82M1A	05/06/2002	8330N	{ND on all 19} analytes				II	104	114	76	86		
	W82M1A	05/06/2002	E314.0	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	05/06/2002	OC21V	CHLOROFORM	2		UG/L	II	104	114	76	86	80	
	W82M1A	06/09/2002	8330N	{ND on all 19} analytes				II	104	114	76	86		
	W82M1A	06/09/2002	E314.0	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	06/09/2002	OC21V	CHLOROFORM	2		UG/L	II	104	114	76	86	80	
	W82M1A	07/16/2002	E314.0	{ND on all 1} analytes				II	104	114	76	86		
	W82M1D	07/16/2002	E314.0	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	08/07/2002	8151	{ND on all 17} analytes				II	104	114	76	86		
	W82M1A	08/07/2002	8330NX	{ND on all 22} analytes				II	104	114	76	86		
	W82M1A	08/07/2002	E314.0	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	08/07/2002	ILSBTL	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	08/07/2002	IM40HD	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	08/07/2002	IM40HG	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	08/07/2002	IM40MB	CALCIUM	1340		UG/L	II	104	114	76	86		
	W82M1A	08/07/2002	IM40MB	MAGNESIUM	1050		UG/L	II	104	114	76	86		
	W82M1A	08/07/2002	IM40MB	MANGANESE	1.1	J	UG/L	II	104	114	76	86		
	W82M1A	08/07/2002	IM40MB	POTASSIUM	693		UG/L	II	104	114	76	86		
	W82M1A	08/07/2002	IM40MB	SODIUM	5870		UG/L	II	104	114	76	86	20000	
	W82M1A	08/07/2002	IM40MB	ZINC	1.7	J	UG/L	II	104	114	76	86	2000	
	W82M1A	08/07/2002	OC21V	CHLOROFORM	2		UG/L	II	104	114	76	86	80	
	W82M1A	08/07/2002	SW8270	{ND on all 78} analytes				II	104	114	76	86		
	W82M1A	09/07/2002	E314.0	{ND on all 1} analytes				3	104	114	76	86		
	W82M1A	10/10/2002	E314.0	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	12/13/2002	E314.0	{ND on all 1} analytes				3	104	114	76	86		
	W82M1A	01/22/2003	E314.0	{ND on all 1} analytes				II	104	114	76	86		
	W82M1D	01/22/2003	E314.0	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	02/06/2003	8330N	{ND on all 19} analytes				II	104	114	76	86		
	W82M1A	02/06/2003	E314.0	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	02/06/2003	OC21V	CHLOROFORM	3		UG/L	II	104	114	76	86	80	
	W82M1A	03/13/2003	E314.0	{ND on all 1} analytes				3	104	114	76	86		
	W82M1A	04/24/2003	8330N	{ND on all 19} analytes				II	104	114	76	86		
	W82M1A	04/24/2003	E314.0	{ND on all 1} analytes				3	104	114	76	86		
	W82M1A	04/24/2003	OC21V	CHLOROFORM	2		UG/L	II	104	114	76	86	80	
	W82M1A	05/29/2003	E314.0	{ND on all 1} analytes				3	104	114	76	86		
	W82M1A	06/23/2003	E314.0	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	07/25/2003	E314.0	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	08/25/2003	E314.0	{ND on all 1} analytes				II	104	114	76	86		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W82M1A	09/25/2003	8151	{ND on all 17} analytes				II	104	114	76	86		
	W82M1A	09/25/2003	6020SB	{ND on all 2} analytes				II	104	114	76	86		
	W82M1A	09/25/2003	8330NX	{ND on all 22} analytes				II	104	114	76	86		
	W82M1A	09/25/2003	E314.0	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	09/25/2003	IM40HD	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	09/25/2003	IM40HG	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	09/25/2003	IM40MB	BORON	6.7	J	UG/L	II	104	114	76	86	600	
	W82M1A	09/25/2003	IM40MB	CALCIUM	1250		UG/L	II	104	114	76	86		
	W82M1A	09/25/2003	IM40MB	IRON	34.2	J	UG/L	II	104	114	76	86		
	W82M1A	09/25/2003	IM40MB	MAGNESIUM	1000		UG/L	II	104	114	76	86		
	W82M1A	09/25/2003	IM40MB	SILVER	1.8	J	UG/L	II	104	114	76	86	100	
	W82M1A	09/25/2003	IM40MB	SODIUM	5380		UG/L	II	104	114	76	86	20000	
	W82M1A	09/25/2003	OC21V	CHLOROFORM	2		UG/L	II	104	114	76	86	80	
	W82M1A	09/25/2003	SW8270	{ND on all 77} analytes				II	104	114	76	86		
	W82M1A	10/22/2003	E314.0	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	11/24/2003	E314.0	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	12/11/2003	E314.0	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	01/14/2004	8330N	{ND on all 19} analytes				II	104	114	76	86		
	W82M1A	01/14/2004	E314.0	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	01/14/2004	OC21VM	CHLOROFORM	2		UG/L	II	104	114	76	86	80	
	W82M1A	02/13/2004	E314.0	{ND on all 1} analytes				3	104	114	76	86		
	W82M1A	03/12/2004	E314.0	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	04/15/2004	8330N	{ND on all 19} analytes				II	104	114	76	86		
	W82M1A	04/15/2004	E314.0	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	04/15/2004	OC21VM	CHLOROFORM	3		UG/L	II	104	114	76	86	80	
	W82M1A	08/25/2004	6020SB	{ND on all 2} analytes				II	104	114	76	86		
	W82M1A	08/25/2004	8330N	{ND on all 19} analytes				II	104	114	76	86		
	W82M1A	08/25/2004	E314.0	{ND on all 1} analytes				3	104	114	76	86		
	W82M1A	08/25/2004	IM40HD	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	08/25/2004	IM40HG	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	08/25/2004	IM40MBM	BORON	7.5		UG/L	II	104	114	76	86	600	
	W82M1A	08/25/2004	IM40MBM	CALCIUM	1560		UG/L	II	104	114	76	86		
	W82M1A	08/25/2004	IM40MBM	MAGNESIUM	1200		UG/L	II	104	114	76	86		
	W82M1A	08/25/2004	IM40MBM	MANGANESE	0.65	J	UG/L	II	104	114	76	86		
	W82M1A	08/25/2004	IM40MBM	POTASSIUM	622		UG/L	II	104	114	76	86		
	W82M1A	08/25/2004	IM40MBM	SODIUM	6710		UG/L	II	104	114	76	86	20000	
	W82M1A	08/25/2004	OC21VM	CHLOROFORM	3		UG/L	II	104	114	76	86	80	
	W82M1A	08/25/2004	SW8270	{ND on all 77} analytes				II	104	114	76	86		
	W82M1A	02/07/2005	8330N	{ND on all 19} analytes				II	104	114	76	86		
	W82M1A	02/07/2005	E314.0	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	02/07/2005	OC21VM	CHLOROFORM	2		UG/L	II	104	114	76	86	80	
	W82M1A	05/26/2005	8330N	{ND on all 19} analytes				II	104	114	76	86		
	W82M1A	05/26/2005	E314.0	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	05/26/2005	OC21VM	CHLOROFORM	3		UG/L	II	104	114	76	86	80	
	W82M1A	08/09/2005	6020SB	{ND on all 2} analytes				II	104	114	76	86		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W82M1A	08/09/2005	8330N	{ND on all 19} analytes				II	104	114	76	86		
	W82M1A	08/09/2005	E314.0	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	08/09/2005	IM40HG	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	08/09/2005	IM40MBM	BORON	9.7	J	UG/L	II	104	114	76	86	600	
	W82M1A	08/09/2005	IM40MBM	CALCIUM	1390	J	UG/L	II	104	114	76	86		
	W82M1A	08/09/2005	IM40MBM	MAGNESIUM	1180	J	UG/L	II	104	114	76	86		
	W82M1A	08/09/2005	IM40MBM	SODIUM	5620		UG/L	II	104	114	76	86	20000	
	W82M1A	08/09/2005	OC21VM	CHLOROFORM	2		UG/L	II	104	114	76	86	80	
	W82M1A	08/09/2005	OC21VM	CHLOROMETHANE	0.5	J	UG/L	II	104	114	76	86	30	
	W82M1A	08/09/2005	SW8270	{ND on all 76} analytes				II	104	114	76	86		
	W82M1A	01/10/2006	8330N	{ND on all 19} analytes				II	104	114	76	86		
	W82M1D	01/10/2006	8330N	{ND on all 19} analytes				II	104	114	76	86		
	W82M1A	01/10/2006	E314.0	{ND on all 1} analytes				II	104	114	76	86		
	W82M1D	01/10/2006	E314.0	{ND on all 1} analytes				II	104	114	76	86		
	W82M1A	01/10/2006	OC21VM	CHLOROFORM	3		UG/L	II	104	114	76	86	80	
	W82M1A	01/10/2006	OC21VM	CHLOROMETHANE	0.3	J	UG/L	II	104	114	76	86	30	
	W82M1D	01/10/2006	OC21VM	CHLOROFORM	3		UG/L	II	104	114	76	86	80	
MW-82M2	W82M2A	10/12/1999	300.0	CHLORIDE (AS CL)	8.5		MG/L	II	78	88	50	60		
	W82M2A	10/12/1999	300.0	SULFATE (AS SO4)	6.6		MG/L	II	78	88	50	60		
	W82M2A	10/12/1999	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	78	88	50	60		
	W82M2A	10/12/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	78	88	50	60		
	W82M2A	10/12/1999	365.2	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	10/12/1999	504	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	10/12/1999	8151	{ND on all 16} analytes				II	78	88	50	60		
	W82M2A	10/12/1999	350.2M	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	10/12/1999	353.2M	NITRATE/NITRITE (AS N)	0.01		MG/L	II	78	88	50	60	10	
	W82M2A	10/12/1999	8021W	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	10/12/1999	8330N	{ND on all 19} analytes				II	78	88	50	60		
	W82M2A	10/12/1999	CYAN	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	10/12/1999	IM40HD	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	10/12/1999	IM40HG	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	10/12/1999	IM40MB	CALCIUM	1320		UG/L	II	78	88	50	60		
	W82M2A	10/12/1999	IM40MB	MAGNESIUM	1160		UG/L	II	78	88	50	60		
	W82M2A	10/12/1999	IM40MB	MANGANESE	13.5		UG/L	II	78	88	50	60		
	W82M2A	10/12/1999	IM40MB	SODIUM	5780		UG/L	II	78	88	50	60	20000	
	W82M2A	10/12/1999	OC21B	{ND on all 64} analytes				II	78	88	50	60		
	W82M2A	10/12/1999	OC21V	CHLOROFORM	3		UG/L	II	78	88	50	60	80	
	W82M2A	10/12/1999	OL21P	{ND on all 28} analytes				II	78	88	50	60		
	W82M2A	10/12/1999	TOC	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	01/11/2000	300.0	CHLORIDE (AS CL)	8.3		MG/L	3	78	88	50	60		
	W82M2A	01/11/2000	300.0	SULFATE (AS SO4)	5.8		MG/L	3	78	88	50	60		
	W82M2A	01/11/2000	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	3	78	88	50	60		
	W82M2A	01/11/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	3	78	88	50	60		
	W82M2A	01/11/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	3	78	88	50	60		
	W82M2A	01/11/2000	504	{ND on all 1} analytes				3	78	88	50	60		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W82M2A	01/11/2000	8151	{ND on all 18} analytes				3	78	88	50	60		
	W82M2A	01/11/2000	350.2M	{ND on all 1} analytes				3	78	88	50	60		
	W82M2A	01/11/2000	353.2M	NITRATE/NITRITE (AS N)	0.01		MG/L	3	78	88	50	60	10	
	W82M2A	01/11/2000	8021W	{ND on all 1} analytes				3	78	88	50	60		
	W82M2A	01/11/2000	8330N	{ND on all 18} analytes				3	78	88	50	60		
	W82M2A	01/11/2000	CYAN	{ND on all 1} analytes				3	78	88	50	60		
	W82M2A	01/11/2000	IM40HD	{ND on all 1} analytes				3	78	88	50	60		
	W82M2A	01/11/2000	IM40HG	{ND on all 1} analytes				3	78	88	50	60		
	W82M2A	01/11/2000	IM40MB	CALCIUM	1380		UG/L	3	78	88	50	60		
	W82M2A	01/11/2000	IM40MB	COPPER	2.6	J	UG/L	3	78	88	50	60	1300	
	W82M2A	01/11/2000	IM40MB	IRON	25.9	J	UG/L	3	78	88	50	60		
	W82M2A	01/11/2000	IM40MB	MAGNESIUM	1190		UG/L	3	78	88	50	60		
	W82M2A	01/11/2000	IM40MB	MANGANESE	2.1	J	UG/L	3	78	88	50	60		
	W82M2A	01/11/2000	IM40MB	POTASSIUM	639	J	UG/L	3	78	88	50	60		
	W82M2A	01/11/2000	IM40MB	SODIUM	6160		UG/L	3	78	88	50	60	20000	
	W82M2A	01/11/2000	OC21B	{ND on all 64} analytes				3	78	88	50	60		
	W82M2A	01/11/2000	OC21V	CHLOROFORM	3		UG/L	3	78	88	50	60	80	
	W82M2A	01/11/2000	OL21P	{ND on all 28} analytes				3	78	88	50	60		
	W82M2A	01/11/2000	TOC	{ND on all 1} analytes				3	78	88	50	60		
	W82M2A	04/10/2000	300.0	CHLORIDE (AS CL)	8.8	J	MG/L	II	78	88	50	60		
	W82M2A	04/10/2000	300.0	SULFATE (AS SO4)	6.5	J	MG/L	II	78	88	50	60		
	W82M2A	04/10/2000	310.1	ALKALINITY, BICARBONATE (AS C	2		MG/L	II	78	88	50	60		
	W82M2A	04/10/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	2		MG/L	II	78	88	50	60		
	W82M2A	04/10/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	II	78	88	50	60		
	W82M2A	04/10/2000	504	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	04/10/2000	8151	{ND on all 15} analytes				II	78	88	50	60		
	W82M2A	04/10/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.07	J	MG/L	II	78	88	50	60	30	
	W82M2A	04/10/2000	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	78	88	50	60	10	
	W82M2A	04/10/2000	8021W	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	04/10/2000	8330N	{ND on all 18} analytes				II	78	88	50	60		
	W82M2A	04/10/2000	CYAN	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	04/10/2000	IM40HD	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	04/10/2000	IM40HG	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	04/10/2000	IM40MB	BORON	4.9	J	UG/L	II	78	88	50	60	600	
	W82M2A	04/10/2000	IM40MB	CALCIUM	1280		UG/L	II	78	88	50	60		
	W82M2A	04/10/2000	IM40MB	COPPER	5.8	J	UG/L	II	78	88	50	60	1300	
	W82M2A	04/10/2000	IM40MB	MAGNESIUM	1120		UG/L	II	78	88	50	60		
	W82M2A	04/10/2000	IM40MB	MANGANESE	1.9	J	UG/L	II	78	88	50	60		
	W82M2A	04/10/2000	IM40MB	SODIUM	5760		UG/L	II	78	88	50	60	20000	
	W82M2A	04/10/2000	OC21B	{ND on all 64} analytes				II	78	88	50	60		
	W82M2A	04/10/2000	OC21V	CHLOROFORM	3		UG/L	II	78	88	50	60	80	
	W82M2A	04/10/2000	OL21P	{ND on all 28} analytes				II	78	88	50	60		
	W82M2A	04/10/2000	TOC	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	08/22/2000	300.0	CHLORIDE (AS CL)	8.2		MG/L	II	78	88	50	60		
	W82M2A	08/22/2000	300.0	SULFATE (AS SO4)	6.3		MG/L	II	78	88	50	60		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W82M2D	08/22/2000	300.0	CHLORIDE (AS CL)	8.8		MG/L	II	78	88	50	60		
	W82M2D	08/22/2000	300.0	SULFATE (AS SO4)	6.6		MG/L	II	78	88	50	60		
	W82M2A	08/22/2000	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	78	88	50	60		
	W82M2A	08/22/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	78	88	50	60		
	W82M2D	08/22/2000	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	78	88	50	60		
	W82M2D	08/22/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	78	88	50	60		
	W82M2A	08/22/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02	J	MG/L	II	78	88	50	60		
	W82M2D	08/22/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02	J	MG/L	II	78	88	50	60		
	W82M2A	08/22/2000	504	{ND on all 1} analytes				II	78	88	50	60		
	W82M2D	08/22/2000	504	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	08/22/2000	8151	{ND on all 16} analytes				II	78	88	50	60		
	W82M2D	08/22/2000	8151	{ND on all 16} analytes				II	78	88	50	60		
	W82M2A	08/22/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.03	J	MG/L	II	78	88	50	60	30	
	W82M2D	08/22/2000	350.2M	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	08/22/2000	353.2M	NITRATE/NITRITE (AS N)	0.01		MG/L	II	78	88	50	60	10	
	W82M2D	08/22/2000	353.2M	NITRATE/NITRITE (AS N)	0.01		MG/L	II	78	88	50	60	10	
	W82M2A	08/22/2000	8021W	{ND on all 1} analytes				II	78	88	50	60		
	W82M2D	08/22/2000	8021W	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	08/22/2000	8330N	{ND on all 19} analytes				II	78	88	50	60		
	W82M2D	08/22/2000	8330N	{ND on all 19} analytes				II	78	88	50	60		
	W82M2A	08/22/2000	CYAN	{ND on all 1} analytes				II	78	88	50	60		
	W82M2D	08/22/2000	CYAN	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	08/22/2000	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2D	08/22/2000	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	08/22/2000	IM40HD	{ND on all 1} analytes				II	78	88	50	60		
	W82M2D	08/22/2000	IM40HD	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	08/22/2000	IM40HG	{ND on all 1} analytes				II	78	88	50	60		
	W82M2D	08/22/2000	IM40HG	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	08/22/2000	IM40MB	BORON	8.7		UG/L	II	78	88	50	60	600	
	W82M2A	08/22/2000	IM40MB	CALCIUM	1270		UG/L	II	78	88	50	60		
	W82M2A	08/22/2000	IM40MB	MAGNESIUM	1200		UG/L	II	78	88	50	60		
	W82M2A	08/22/2000	IM40MB	POTASSIUM	719		UG/L	II	78	88	50	60		
	W82M2A	08/22/2000	IM40MB	SODIUM	6230		UG/L	II	78	88	50	60	20000	
	W82M2D	08/22/2000	IM40MB	BORON	9.8		UG/L	II	78	88	50	60	600	
	W82M2D	08/22/2000	IM40MB	CALCIUM	1280		UG/L	II	78	88	50	60		
	W82M2D	08/22/2000	IM40MB	MAGNESIUM	1230		UG/L	II	78	88	50	60		
	W82M2D	08/22/2000	IM40MB	POTASSIUM	722		UG/L	II	78	88	50	60		
	W82M2D	08/22/2000	IM40MB	SODIUM	6440		UG/L	II	78	88	50	60	20000	
	W82M2A	08/22/2000	OC21V	CHLOROFORM	3		UG/L	II	78	88	50	60	80	
	W82M2D	08/22/2000	OC21V	CHLOROFORM	3		UG/L	II	78	88	50	60	80	
	W82M2A	08/22/2000	OL21P	{ND on all 28} analytes				II	78	88	50	60		
	W82M2D	08/22/2000	OL21P	{ND on all 28} analytes				II	78	88	50	60		
	W82M2A	08/22/2000	SW8270	{ND on all 77} analytes				II	78	88	50	60		
	W82M2D	08/22/2000	SW8270	{ND on all 77} analytes				II	78	88	50	60		
	W82M2A	08/22/2000	TOC	{ND on all 1} analytes				II	78	88	50	60		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W82M2D	08/22/2000	TOC	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	08/17/2001	8151	{ND on all 18} analytes				II	78	88	50	60		
	W82M2A	08/17/2001	8330NX	{ND on all 22} analytes				II	78	88	50	60		
	W82M2A	08/17/2001	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	08/17/2001	ILSBTL	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	08/17/2001	IM40HD	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	08/17/2001	IM40HG	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	08/17/2001	IM40MB	BORON	8.2		UG/L	II	78	88	50	60	600	
	W82M2A	08/17/2001	IM40MB	CALCIUM	1380		UG/L	II	78	88	50	60		
	W82M2A	08/17/2001	IM40MB	CHROMIUM, TOTAL	0.76	J	UG/L	II	78	88	50	60	100	
	W82M2A	08/17/2001	IM40MB	COPPER	2.9	J	UG/L	II	78	88	50	60	1300	
	W82M2A	08/17/2001	IM40MB	IRON	779		UG/L	II	78	88	50	60		
	W82M2A	08/17/2001	IM40MB	MAGNESIUM	1220		UG/L	II	78	88	50	60		
	W82M2A	08/17/2001	IM40MB	MANGANESE	6.7		UG/L	II	78	88	50	60		
	W82M2A	08/17/2001	IM40MB	NICKEL	1.5	J	UG/L	II	78	88	50	60	100	
	W82M2A	08/17/2001	IM40MB	POTASSIUM	664		UG/L	II	78	88	50	60		
	W82M2A	08/17/2001	IM40MB	SODIUM	6370		UG/L	II	78	88	50	60	20000	
	W82M2A	08/17/2001	IM40MB	ZINC	1.6	J	UG/L	II	78	88	50	60	2000	
	W82M2A	08/17/2001	OC21V	CHLOROFORM	3		UG/L	II	78	88	50	60	80	
	W82M2A	08/17/2001	OL21P	{ND on all 28} analytes				II	78	88	50	60		
	W82M2A	08/17/2001	SW8270	{ND on all 77} analytes				II	78	88	50	60		
	W82M2A	03/05/2002	8330N	{ND on all 19} analytes				II	78	88	50	60		
	W82M2A	03/05/2002	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	04/05/2002	8330N	{ND on all 19} analytes				3	78	88	50	60		
	W82M2A	04/05/2002	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	04/05/2002	OC21V	CHLOROFORM	2		UG/L	3	78	88	50	60	80	
	W82M2A	05/06/2002	8330N	{ND on all 19} analytes				II	78	88	50	60		
	W82M2A	05/06/2002	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	05/06/2002	OC21V	CHLOROFORM	2		UG/L	II	78	88	50	60	80	
	W82M2A	06/09/2002	8330N	{ND on all 19} analytes				II	78	88	50	60		
	W82M2A	06/09/2002	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	06/09/2002	OC21V	CHLOROFORM	2		UG/L	II	78	88	50	60	80	
	W82M2A	07/15/2002	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	08/07/2002	8151	{ND on all 17} analytes				II	78	88	50	60		
	W82M2A	08/07/2002	8330NX	{ND on all 22} analytes				II	78	88	50	60		
	W82M2A	08/07/2002	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	08/07/2002	ILSBTL	{ND on all 2} analytes				II	78	88	50	60		
	W82M2A	08/07/2002	IM40HD	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	08/07/2002	IM40HG	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	08/07/2002	IM40MB	ALUMINUM	20.5	J	UG/L	II	78	88	50	60		
	W82M2A	08/07/2002	IM40MB	CALCIUM	1230		UG/L	II	78	88	50	60		
	W82M2A	08/07/2002	IM40MB	MAGNESIUM	1050		UG/L	II	78	88	50	60		
	W82M2A	08/07/2002	IM40MB	POTASSIUM	680		UG/L	II	78	88	50	60		
	W82M2A	08/07/2002	IM40MB	SODIUM	6390		UG/L	II	78	88	50	60	20000	
	W82M2A	08/07/2002	IM40MB	ZINC	2	J	UG/L	II	78	88	50	60	2000	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W82M2A	08/07/2002	OC21V	CHLOROFORM	3		UG/L	II	78	88	50	60	80	
	W82M2A	08/07/2002	SW8270	{ND on all 77} analytes				II	78	88	50	60		
	W82M2A	09/07/2002	E314.0	{ND on all 1} analytes				3	78	88	50	60		
	W82M2A	10/10/2002	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2D	10/10/2002	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	12/18/2002	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	01/22/2003	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	02/06/2003	8330N	{ND on all 19} analytes				II	78	88	50	60		
	W82M2D	02/06/2003	8330N	{ND on all 19} analytes				II	78	88	50	60		
	W82M2A	02/06/2003	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2D	02/06/2003	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	02/06/2003	OC21V	CHLOROFORM	3		UG/L	II	78	88	50	60	80	
	W82M2D	02/06/2003	OC21V	CHLOROFORM	3		UG/L	II	78	88	50	60	80	
	W82M2A	03/17/2003	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	04/25/2003	8330N	{ND on all 19} analytes				II	78	88	50	60		
	W82M2D	04/25/2003	8330N	{ND on all 19} analytes				II	78	88	50	60		
	W82M2A	04/25/2003	E314.0	{ND on all 1} analytes				3	78	88	50	60		
	W82M2D	04/25/2003	E314.0	{ND on all 1} analytes				3	78	88	50	60		
	W82M2A	04/25/2003	OC21V	CHLOROFORM	3		UG/L	II	78	88	50	60	80	
	W82M2D	04/25/2003	OC21V	CHLOROFORM	3		UG/L	II	78	88	50	60	80	
	W82M2A	05/29/2003	E314.0	{ND on all 1} analytes				3	78	88	50	60		
	W82M2A	06/23/2003	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	07/28/2003	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	08/25/2003	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	09/26/2003	8151	{ND on all 17} analytes				II	78	88	50	60		
	W82M2D	09/26/2003	8151	{ND on all 17} analytes				II	78	88	50	60		
	W82M2A	09/26/2003	6020SB	{ND on all 2} analytes				II	78	88	50	60		
	W82M2D	09/26/2003	6020SB	{ND on all 2} analytes				II	78	88	50	60		
	W82M2A	09/26/2003	8330NX	{ND on all 22} analytes				II	78	88	50	60		
	W82M2D	09/26/2003	8330NX	{ND on all 22} analytes				II	78	88	50	60		
	W82M2A	09/26/2003	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2D	09/26/2003	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	09/26/2003	IM40HD	{ND on all 1} analytes				II	78	88	50	60		
	W82M2D	09/26/2003	IM40HD	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	09/26/2003	IM40HG	{ND on all 1} analytes				II	78	88	50	60		
	W82M2D	09/26/2003	IM40HG	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	09/26/2003	IM40MB	BORON	7.9	J	UG/L	II	78	88	50	60	600	
	W82M2A	09/26/2003	IM40MB	CALCIUM	1400		UG/L	II	78	88	50	60		
	W82M2A	09/26/2003	IM40MB	MAGNESIUM	1230		UG/L	II	78	88	50	60		
	W82M2A	09/26/2003	IM40MB	MOLYBDENUM	1.2	J	UG/L	II	78	88	50	60	40	
	W82M2A	09/26/2003	IM40MB	POTASSIUM	610	J	UG/L	II	78	88	50	60		
	W82M2A	09/26/2003	IM40MB	SODIUM	6400		UG/L	II	78	88	50	60	20000	
	W82M2D	09/26/2003	IM40MB	BORON	6.4	J	UG/L	II	78	88	50	60	600	
	W82M2D	09/26/2003	IM40MB	CALCIUM	1280		UG/L	II	78	88	50	60		
	W82M2D	09/26/2003	IM40MB	MAGNESIUM	1120		UG/L	II	78	88	50	60		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W82M2D	09/26/2003	IM40MB	POTASSIUM	498	J	UG/L	II	78	88	50	60		
	W82M2D	09/26/2003	IM40MB	SODIUM	5980		UG/L	II	78	88	50	60	20000	
	W82M2A	09/26/2003	OC21V	CHLOROFORM	3		UG/L	II	78	88	50	60	80	
	W82M2D	09/26/2003	OC21V	CHLOROFORM	3		UG/L	II	78	88	50	60	80	
	W82M2A	09/26/2003	SW8270	{ND on all 77} analytes				II	78	88	50	60		
	W82M2D	09/26/2003	SW8270	{ND on all 77} analytes				II	78	88	50	60		
	W82M2A	10/22/2003	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2D	10/22/2003	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	11/24/2003	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	12/11/2003	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	01/14/2004	8330N	{ND on all 19} analytes				II	78	88	50	60		
	W82M2A	01/14/2004	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	01/14/2004	OC21VM	CHLOROFORM	3		UG/L	II	78	88	50	60	80	
	W82M2A	02/13/2004	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	03/12/2004	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	04/15/2004	8330N	{ND on all 19} analytes				II	78	88	50	60		
	W82M2A	04/15/2004	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	04/15/2004	OC21VM	CHLOROFORM	3		UG/L	II	78	88	50	60	80	
	W82M2A	08/25/2004	6020SB	{ND on all 2} analytes				II	78	88	50	60		
	W82M2A	08/25/2004	8330N	{ND on all 19} analytes				II	78	88	50	60		
	W82M2A	08/25/2004	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	08/25/2004	IM40HD	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	08/25/2004	IM40HG	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	08/25/2004	IM40MBM	BORON	7.4		UG/L	II	78	88	50	60	600	
	W82M2A	08/25/2004	IM40MBM	CALCIUM	1520		UG/L	II	78	88	50	60		
	W82M2A	08/25/2004	IM40MBM	MAGNESIUM	1290		UG/L	II	78	88	50	60		
	W82M2A	08/25/2004	IM40MBM	MANGANESE	0.51	J	UG/L	II	78	88	50	60		
	W82M2A	08/25/2004	IM40MBM	POTASSIUM	621		UG/L	II	78	88	50	60		
	W82M2A	08/25/2004	IM40MBM	SODIUM	6990		UG/L	II	78	88	50	60	20000	
	W82M2A	08/25/2004	OC21VM	CHLOROFORM	2		UG/L	II	78	88	50	60	80	
	W82M2A	08/25/2004	SW8270	{ND on all 77} analytes				II	78	88	50	60		
	W82M2A	02/07/2005	8330N	{ND on all 19} analytes				II	78	88	50	60		
	W82M2A	02/07/2005	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	02/07/2005	OC21VM	CHLOROFORM	2		UG/L	II	78	88	50	60	80	
	W82M2A	05/26/2005	8330N	{ND on all 19} analytes				II	78	88	50	60		
	W82M2A	05/26/2005	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	05/26/2005	OC21VM	CHLOROFORM	3		UG/L	II	78	88	50	60	80	
	W82M2A	08/09/2005	6020SB	{ND on all 2} analytes				II	78	88	50	60		
	W82M2A	08/09/2005	8330N	{ND on all 19} analytes				II	78	88	50	60		
	W82M2A	08/09/2005	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	08/09/2005	IM40HG	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	08/09/2005	IM40MBM	CALCIUM	1280	J	UG/L	II	78	88	50	60		
	W82M2A	08/09/2005	IM40MBM	MAGNESIUM	1170	J	UG/L	II	78	88	50	60		
	W82M2A	08/09/2005	IM40MBM	SODIUM	5840		UG/L	II	78	88	50	60	20000	
	W82M2A	08/09/2005	OC21VM	CHLOROFORM	2		UG/L	II	78	88	50	60	80	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W82M2A	08/09/2005	SW8270	{ND on all 76} analytes				II	78	88	50	60		
	W82M2A	01/10/2006	8330N	{ND on all 19} analytes				II	78	88	50	60		
	W82M2A	01/10/2006	E314.0	{ND on all 1} analytes				II	78	88	50	60		
	W82M2A	01/10/2006	OC21VM	CHLOROFORM	3		UG/L	II	78	88	50	60	80	
	W82M2A	01/10/2006	OC21VM	CHLOROMETHANE	0.3	J	UG/L	II	78	88	50	60	30	
MW-82M3	W82M3A	10/12/1999	300.0	CHLORIDE (AS CL)	8.8		MG/L	II	54	64	26	36		
	W82M3A	10/12/1999	300.0	SULFATE (AS SO4)	7		MG/L	II	54	64	26	36		
	W82M3A	10/12/1999	310.1	ALKALINITY, BICARBONATE (AS C	7		MG/L	II	54	64	26	36		
	W82M3A	10/12/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	7		MG/L	II	54	64	26	36		
	W82M3A	10/12/1999	365.2	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	10/12/1999	504	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	10/12/1999	8151	{ND on all 16} analytes				II	54	64	26	36		
	W82M3A	10/12/1999	350.2M	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	10/12/1999	353.2M	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	10/12/1999	8021W	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	10/12/1999	8330N	{ND on all 19} analytes				II	54	64	26	36		
	W82M3A	10/12/1999	CYAN	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	10/12/1999	IM40HD	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	10/12/1999	IM40HG	MERCURY	0.12	J	UG/L	II	54	64	26	36	2	
	W82M3A	10/12/1999	IM40MB	BARIUM	14.9	J	UG/L	II	54	64	26	36	2000	
	W82M3A	10/12/1999	IM40MB	CALCIUM	2360		UG/L	II	54	64	26	36		
	W82M3A	10/12/1999	IM40MB	MAGNESIUM	1180		UG/L	II	54	64	26	36		
	W82M3A	10/12/1999	IM40MB	MANGANESE	261		UG/L	II	54	64	26	36		
	W82M3A	10/12/1999	IM40MB	SODIUM	5670		UG/L	II	54	64	26	36	20000	
	W82M3A	10/12/1999	OC21B	{ND on all 64} analytes				II	54	64	26	36		
	W82M3A	10/12/1999	OC21V	CHLOROFORM	2		UG/L	II	54	64	26	36	80	
	W82M3A	10/12/1999	OL21P	{ND on all 28} analytes				II	54	64	26	36		
	W82M3A	10/12/1999	TOC	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	01/12/2000	300.0	CHLORIDE (AS CL)	8.4		MG/L	II	54	64	26	36		
	W82M3A	01/12/2000	300.0	SULFATE (AS SO4)	6.5		MG/L	II	54	64	26	36		
	W82M3A	01/12/2000	310.1	ALKALINITY, BICARBONATE (AS C	6		MG/L	II	54	64	26	36		
	W82M3A	01/12/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	6		MG/L	II	54	64	26	36		
	W82M3A	01/12/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.01		MG/L	II	54	64	26	36		
	W82M3A	01/12/2000	504	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	01/12/2000	8151	{ND on all 18} analytes				II	54	64	26	36		
	W82M3A	01/12/2000	350.2M	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	01/12/2000	353.2M	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	01/12/2000	8021W	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	01/12/2000	8330N	{ND on all 19} analytes				II	54	64	26	36		
	W82M3A	01/12/2000	CYAN	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	01/12/2000	IM40HD	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	01/12/2000	IM40HG	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	01/12/2000	IM40MB	CALCIUM	1690		UG/L	II	54	64	26	36		
	W82M3A	01/12/2000	IM40MB	LEAD	2	J	UG/L	II	54	64	26	36	15	
	W82M3A	01/12/2000	IM40MB	MAGNESIUM	1090		UG/L	II	54	64	26	36		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W82M3A	01/12/2000	IM40MB	MANGANESE	98.5		UG/L	II	54	64	26	36		
	W82M3A	01/12/2000	IM40MB	NICKEL	2	J	UG/L	II	54	64	26	36	100	
	W82M3A	01/12/2000	IM40MB	POTASSIUM	1100		UG/L	II	54	64	26	36		
	W82M3A	01/12/2000	IM40MB	SODIUM	6660		UG/L	II	54	64	26	36	20000	
	W82M3A	01/12/2000	IM40MB	ZINC	3	J	UG/L	II	54	64	26	36	2000	
	W82M3A	01/12/2000	OC21B	{ND on all 64} analytes				II	54	64	26	36		
	W82M3A	01/12/2000	OC21V	CHLOROFORM	2		UG/L	II	54	64	26	36	80	
	W82M3A	01/12/2000	OL21P	{ND on all 28} analytes				II	54	64	26	36		
	W82M3A	01/12/2000	TOC	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	04/11/2000	300.0	CHLORIDE (AS CL)	9.2	J	MG/L	II	54	64	26	36		
	W82M3A	04/11/2000	300.0	SULFATE (AS SO4)	7	J	MG/L	II	54	64	26	36		
	W82M3A	04/11/2000	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	54	64	26	36		
	W82M3A	04/11/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	54	64	26	36		
	W82M3A	04/11/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.01		MG/L	II	54	64	26	36		
	W82M3A	04/11/2000	504	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	04/11/2000	8151	CHLORAMBEN	0.1	J	UG/L	II	54	64	26	36	100	
	W82M3A	04/11/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.04	J	MG/L	II	54	64	26	36	30	
	W82M3A	04/11/2000	353.2M	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	04/11/2000	8021W	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	04/11/2000	8330N	{ND on all 18} analytes				II	54	64	26	36		
	W82M3A	04/11/2000	CYAN	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	04/11/2000	IM40HD	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	04/11/2000	IM40HG	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	04/11/2000	IM40MB	BORON	6	J	UG/L	II	54	64	26	36	600	
	W82M3A	04/11/2000	IM40MB	CALCIUM	1920		UG/L	II	54	64	26	36		
	W82M3A	04/11/2000	IM40MB	COPPER	3	J	UG/L	II	54	64	26	36	1300	
	W82M3A	04/11/2000	IM40MB	MAGNESIUM	1070		UG/L	II	54	64	26	36		
	W82M3A	04/11/2000	IM40MB	MANGANESE	38.4		UG/L	II	54	64	26	36		
	W82M3A	04/11/2000	IM40MB	POTASSIUM	305	J	UG/L	II	54	64	26	36		
	W82M3A	04/11/2000	IM40MB	SODIUM	6740		UG/L	II	54	64	26	36	20000	
	W82M3A	04/11/2000	IM40MB	ZINC	8.7		UG/L	II	54	64	26	36	2000	
	W82M3A	04/11/2000	OC21B	{ND on all 64} analytes				II	54	64	26	36		
	W82M3A	04/11/2000	OC21V	CHLOROFORM	2		UG/L	II	54	64	26	36	80	
	W82M3A	04/11/2000	OL21P	{ND on all 28} analytes				II	54	64	26	36		
	W82M3A	04/11/2000	TOC	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	08/22/2000	300.0	CHLORIDE (AS CL)	10		MG/L	II	54	64	26	36		
	W82M3A	08/22/2000	300.0	SULFATE (AS SO4)	6.8		MG/L	II	54	64	26	36		
	W82M3A	08/22/2000	310.1	ALKALINITY, BICARBONATE (AS C	2		MG/L	II	54	64	26	36		
	W82M3A	08/22/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	2		MG/L	II	54	64	26	36		
	W82M3A	08/22/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.01	J	MG/L	II	54	64	26	36		
	W82M3A	08/22/2000	504	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	08/22/2000	8151	{ND on all 16} analytes				II	54	64	26	36		
	W82M3A	08/22/2000	350.2M	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	08/22/2000	353.2M	NITRATE/NITRITE (AS N)	0.01		MG/L	II	54	64	26	36	10	
	W82M3A	08/22/2000	8021W	{ND on all 1} analytes				II	54	64	26	36		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W82M3A	08/22/2000	8330N	{ND on all 19} analytes				II	54	64	26	36		
	W82M3A	08/22/2000	CYAN	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	08/22/2000	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	08/22/2000	IM40HD	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	08/22/2000	IM40HG	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	08/22/2000	IM40MB	BORON	9.1		UG/L	II	54	64	26	36	600	
	W82M3A	08/22/2000	IM40MB	CALCIUM	1610		UG/L	II	54	64	26	36		
	W82M3A	08/22/2000	IM40MB	MAGNESIUM	1170		UG/L	II	54	64	26	36		
	W82M3A	08/22/2000	IM40MB	MANGANESE	16.4		UG/L	II	54	64	26	36		
	W82M3A	08/22/2000	IM40MB	POTASSIUM	717		UG/L	II	54	64	26	36		
	W82M3A	08/22/2000	IM40MB	SODIUM	6400		UG/L	II	54	64	26	36	20000	
	W82M3A	08/22/2000	OC21V	CHLOROFORM	2		UG/L	II	54	64	26	36	80	
	W82M3A	08/22/2000	OL21P	{ND on all 28} analytes				II	54	64	26	36		
	W82M3A	08/22/2000	SW8270	{ND on all 77} analytes				II	54	64	26	36		
	W82M3A	08/22/2000	TOC	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	08/22/2001	8151	{ND on all 18} analytes				II	54	64	26	36		
	W82M3A	08/22/2001	8330NX	{ND on all 22} analytes				II	54	64	26	36		
	W82M3A	08/22/2001	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	08/22/2001	ILSBTL	{ND on all 1} analytes				3	54	64	26	36		
	W82M3A	08/22/2001	IM40HD	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	08/22/2001	IM40HG	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	08/22/2001	IM40MB	CALCIUM	1700		UG/L	II	54	64	26	36		
	W82M3A	08/22/2001	IM40MB	MAGNESIUM	1140		UG/L	II	54	64	26	36		
	W82M3A	08/22/2001	IM40MB	MANGANESE	3.3		UG/L	II	54	64	26	36		
	W82M3A	08/22/2001	IM40MB	POTASSIUM	621	J	UG/L	II	54	64	26	36		
	W82M3A	08/22/2001	IM40MB	SODIUM	6630		UG/L	II	54	64	26	36	20000	
	W82M3A	08/22/2001	OC21V	CHLOROFORM	2		UG/L	II	54	64	26	36	80	
	W82M3A	08/22/2001	OL21P	{ND on all 28} analytes				II	54	64	26	36		
	W82M3A	08/22/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.3	J	UG/L	II	54	64	26	36	6	
	W82M3A	03/05/2002	8330N	{ND on all 19} analytes				II	54	64	26	36		
	W82M3D	03/05/2002	8330N	{ND on all 19} analytes				II	54	64	26	36		
	W82M3A	03/05/2002	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3D	03/05/2002	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	04/06/2002	8330N	{ND on all 19} analytes				II	54	64	26	36		
	W82M3A	04/06/2002	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	04/06/2002	OC21V	CHLOROFORM	2		UG/L	II	54	64	26	36	80	
	W82M3A	05/06/2002	8330N	{ND on all 19} analytes				II	54	64	26	36		
	W82M3A	05/06/2002	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	05/06/2002	OC21V	CHLOROFORM	2		UG/L	II	54	64	26	36	80	
	W82M3A	06/09/2002	8330N	{ND on all 19} analytes				II	54	64	26	36		
	W82M3A	06/09/2002	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	06/09/2002	OC21V	CHLOROFORM	2		UG/L	II	54	64	26	36	80	
	W82M3A	07/15/2002	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	08/07/2002	8151	{ND on all 17} analytes				II	54	64	26	36		
	W82M3A	08/07/2002	8330NX	{ND on all 22} analytes				II	54	64	26	36		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W82M3A	08/07/2002	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	08/07/2002	ILSBTL	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	08/07/2002	IM40HD	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	08/07/2002	IM40HG	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	08/07/2002	IM40MB	ALUMINUM	20	J	UG/L	II	54	64	26	36		
	W82M3A	08/07/2002	IM40MB	CALCIUM	1550		UG/L	II	54	64	26	36		
	W82M3A	08/07/2002	IM40MB	COPPER	2.1	J	UG/L	II	54	64	26	36	1300	
	W82M3A	08/07/2002	IM40MB	MAGNESIUM	989		UG/L	II	54	64	26	36		
	W82M3A	08/07/2002	IM40MB	MANGANESE	2.6		UG/L	II	54	64	26	36		
	W82M3A	08/07/2002	IM40MB	POTASSIUM	658		UG/L	II	54	64	26	36		
	W82M3A	08/07/2002	IM40MB	SODIUM	6570		UG/L	II	54	64	26	36	20000	
	W82M3A	08/07/2002	IM40MB	ZINC	4.3		UG/L	II	54	64	26	36	2000	
	W82M3A	08/07/2002	OC21V	CHLOROFORM	2		UG/L	II	54	64	26	36	80	
	W82M3A	08/07/2002	SW8270	{ND on all 78} analytes				II	54	64	26	36		
	W82M3A	09/07/2002	E314.0	{ND on all 1} analytes				3	54	64	26	36		
	W82M3D	09/07/2002	E314.0	{ND on all 1} analytes				3	54	64	26	36		
	W82M3A	10/10/2002	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	12/18/2002	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	01/22/2003	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	02/06/2003	8330N	{ND on all 19} analytes				II	54	64	26	36		
	W82M3A	02/06/2003	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	02/06/2003	OC21V	CHLOROFORM	2		UG/L	II	54	64	26	36	80	
	W82M3A	03/17/2003	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3D	03/17/2003	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	04/24/2003	8330N	{ND on all 19} analytes				II	54	64	26	36		
	W82M3A	04/24/2003	E314.0	{ND on all 1} analytes				3	54	64	26	36		
	W82M3A	04/24/2003	OC21V	CHLOROFORM	2		UG/L	II	54	64	26	36	80	
	W82M3A	05/29/2003	E314.0	{ND on all 1} analytes				3	54	64	26	36		
	W82M3D	05/29/2003	E314.0	{ND on all 1} analytes				3	54	64	26	36		
	W82M3A	06/24/2003	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	07/28/2003	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	08/25/2003	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3D	08/25/2003	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	09/25/2003	8151	{ND on all 17} analytes				II	54	64	26	36		
	W82M3A	09/25/2003	6020SB	{ND on all 2} analytes				II	54	64	26	36		
	W82M3A	09/25/2003	8330NX	{ND on all 22} analytes				II	54	64	26	36		
	W82M3A	09/25/2003	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	09/25/2003	IM40HD	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	09/25/2003	IM40HG	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	09/25/2003	IM40MB	BORON	7.7	J	UG/L	II	54	64	26	36	600	
	W82M3A	09/25/2003	IM40MB	CALCIUM	1600		UG/L	II	54	64	26	36		
	W82M3A	09/25/2003	IM40MB	MAGNESIUM	1090		UG/L	II	54	64	26	36		
	W82M3A	09/25/2003	IM40MB	MANGANESE	1.4	J	UG/L	II	54	64	26	36		
	W82M3A	09/25/2003	IM40MB	MOLYBDENUM	1.7	J	UG/L	II	54	64	26	36	40	
	W82M3A	09/25/2003	IM40MB	POTASSIUM	466	J	UG/L	II	54	64	26	36		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W82M3A	09/25/2003	IM40MB	SODIUM	6160		UG/L	II	54	64	26	36	20000	
	W82M3A	09/25/2003	IM40MB	ZINC	2.6	J	UG/L	II	54	64	26	36	2000	
	W82M3A	09/25/2003	OC21V	CHLOROFORM	2		UG/L	II	54	64	26	36	80	
	W82M3A	09/25/2003	SW8270	{ND on all 77} analytes				II	54	64	26	36		
	W82M3A	10/22/2003	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	11/24/2003	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3D	11/24/2003	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	12/12/2003	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3D	12/12/2003	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	01/14/2004	8330N	{ND on all 19} analytes				II	54	64	26	36		
	W82M3D	01/14/2004	8330N	{ND on all 19} analytes				II	54	64	26	36		
	W82M3A	01/14/2004	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3D	01/14/2004	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	01/14/2004	OC21VM	CHLOROFORM	2		UG/L	II	54	64	26	36	80	
	W82M3D	01/14/2004	OC21VM	CHLOROFORM	2		UG/L	II	54	64	26	36	80	
	W82M3A	02/13/2004	E314.0	{ND on all 1} analytes				3	54	64	26	36		
	W82M3A	03/12/2004	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3D	03/12/2004	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	04/15/2004	8330N	{ND on all 19} analytes				II	54	64	26	36		
	W82M3A	04/15/2004	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	04/15/2004	OC21VM	CHLOROFORM	2		UG/L	II	54	64	26	36	80	
	W82M3A	08/25/2004	6020SB	{ND on all 2} analytes				II	54	64	26	36		
	W82M3A	08/25/2004	8330N	{ND on all 19} analytes				II	54	64	26	36		
	W82M3A	08/25/2004	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	08/25/2004	IM40HD	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	08/25/2004	IM40HG	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	08/25/2004	IM40MBM	BORON	8		UG/L	II	54	64	26	36	600	
	W82M3A	08/25/2004	IM40MBM	CALCIUM	1880		UG/L	II	54	64	26	36		
	W82M3A	08/25/2004	IM40MBM	MAGNESIUM	1220		UG/L	II	54	64	26	36		
	W82M3A	08/25/2004	IM40MBM	MANGANESE	1		UG/L	II	54	64	26	36		
	W82M3A	08/25/2004	IM40MBM	MOLYBDENUM	1.5	J	UG/L	II	54	64	26	36	40	
	W82M3A	08/25/2004	IM40MBM	POTASSIUM	605		UG/L	II	54	64	26	36		
	W82M3A	08/25/2004	IM40MBM	SODIUM	7280		UG/L	II	54	64	26	36	20000	
	W82M3A	08/25/2004	OC21VM	CHLOROFORM	2		UG/L	II	54	64	26	36	80	
	W82M3A	08/25/2004	SW8270	{ND on all 77} analytes				II	54	64	26	36		
	W82M3A	02/07/2005	8330N	{ND on all 19} analytes				II	54	64	26	36		
	W82M3A	02/07/2005	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	02/07/2005	OC21VM	CHLOROFORM	2		UG/L	II	54	64	26	36	80	
	W82M3A	05/26/2005	8330N	{ND on all 19} analytes				II	54	64	26	36		
	W82M3A	05/26/2005	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	05/26/2005	OC21VM	CHLOROFORM	2		UG/L	II	54	64	26	36	80	
	W82M3A	08/09/2005	6020SB	{ND on all 2} analytes				II	54	64	26	36		
	W82M3A	08/09/2005	8330N	{ND on all 19} analytes				II	54	64	26	36		
	W82M3A	08/09/2005	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	08/09/2005	IM40HG	{ND on all 1} analytes				II	54	64	26	36		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W82M3A	08/09/2005	IM40MBM	BORON	9.9	J	UG/L	II	54	64	26	36	600	
	W82M3A	08/09/2005	IM40MBM	CALCIUM	1720	J	UG/L	II	54	64	26	36		
	W82M3A	08/09/2005	IM40MBM	MAGNESIUM	1170	J	UG/L	II	54	64	26	36		
	W82M3A	08/09/2005	IM40MBM	POTASSIUM	1040	J	UG/L	II	54	64	26	36		
	W82M3A	08/09/2005	IM40MBM	SODIUM	6800		UG/L	II	54	64	26	36	20000	
	W82M3A	08/09/2005	OC21VM	CHLOROFORM	2		UG/L	II	54	64	26	36	80	
	W82M3A	08/09/2005	OC21VM	CHLOROMETHANE	0.5	J	UG/L	II	54	64	26	36	30	
	W82M3A	08/09/2005	SW8270	{ND on all 76} analytes				II	54	64	26	36		
	W82M3A	01/10/2006	8330N	{ND on all 19} analytes				II	54	64	26	36		
	W82M3A	01/10/2006	E314.0	{ND on all 1} analytes				II	54	64	26	36		
	W82M3A	01/10/2006	OC21VM	CHLOROFORM	2		UG/L	II	54	64	26	36	80	
MW-82S	W82SSA	10/12/1999	300.0	CHLORIDE (AS CL)	8.9		MG/L	II	25	35	0	10		
	W82SSA	10/12/1999	300.0	SULFATE (AS SO4)	6		MG/L	II	25	35	0	10		
	W82SSA	10/12/1999	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	25	35	0	10		
	W82SSA	10/12/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	25	35	0	10		
	W82SSA	10/12/1999	365.2	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	10/12/1999	504	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	10/12/1999	8151	{ND on all 16} analytes				II	25	35	0	10		
	W82SSA	10/12/1999	350.2M	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	10/12/1999	353.2M	NITRATE/NITRITE (AS N)	0.05		MG/L	II	25	35	0	10	10	
	W82SSA	10/12/1999	8021W	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	10/12/1999	8330N	{ND on all 19} analytes				II	25	35	0	10		
	W82SSA	10/12/1999	CYAN	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	10/12/1999	IM40HD	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	10/12/1999	IM40HG	MERCURY	0.18	J	UG/L	II	25	35	0	10	2	
	W82SSA	10/12/1999	IM40MB	CALCIUM	1690		UG/L	II	25	35	0	10		
	W82SSA	10/12/1999	IM40MB	MAGNESIUM	1140		UG/L	II	25	35	0	10		
	W82SSA	10/12/1999	IM40MB	MANGANESE	85.4		UG/L	II	25	35	0	10		
	W82SSA	10/12/1999	IM40MB	SODIUM	5050		UG/L	II	25	35	0	10	20000	
	W82SSA	10/12/1999	OC21B	{ND on all 64} analytes				II	25	35	0	10		
	W82SSA	10/12/1999	OC21V	CHLOROFORM	2		UG/L	II	25	35	0	10	80	
	W82SSA	10/12/1999	OL21P	{ND on all 28} analytes				II	25	35	0	10		
	W82SSA	10/12/1999	TOC	TOTAL ORGANIC CARBON	0.5		MG/L	II	25	35	0	10		
	W82SSA	01/11/2000	300.0	CHLORIDE (AS CL)	8.4		MG/L	3	25	35	0	10		
	W82SSA	01/11/2000	300.0	SULFATE (AS SO4)	5.5		MG/L	3	25	35	0	10		
	W82SSA	01/11/2000	310.1	ALKALINITY, BICARBONATE (AS C	3		MG/L	3	25	35	0	10		
	W82SSA	01/11/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	3		MG/L	3	25	35	0	10		
	W82SSA	01/11/2000	365.2	{ND on all 1} analytes				3	25	35	0	10		
	W82SSA	01/11/2000	504	{ND on all 1} analytes				3	25	35	0	10		
	W82SSA	01/11/2000	8151	{ND on all 18} analytes				3	25	35	0	10		
	W82SSA	01/11/2000	350.2M	{ND on all 1} analytes				3	25	35	0	10		
	W82SSA	01/11/2000	353.2M	NITRATE/NITRITE (AS N)	0.07		MG/L	3	25	35	0	10	10	
	W82SSA	01/11/2000	8021W	{ND on all 1} analytes				3	25	35	0	10		
	W82SSA	01/11/2000	8330N	{ND on all 18} analytes				3	25	35	0	10		
	W82SSA	01/11/2000	CYAN	{ND on all 1} analytes				3	25	35	0	10		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W82SSA	01/11/2000	IM40HD	{ND on all 1} analytes				3	25	35	0	10		
	W82SSA	01/11/2000	IM40HG	{ND on all 1} analytes				3	25	35	0	10		
	W82SSA	01/11/2000	IM40MB	BARIUM	8	J	UG/L	3	25	35	0	10	2000	
	W82SSA	01/11/2000	IM40MB	CALCIUM	1620		UG/L	3	25	35	0	10		
	W82SSA	01/11/2000	IM40MB	COPPER	2.3	J	UG/L	3	25	35	0	10	1300	
	W82SSA	01/11/2000	IM40MB	IRON	19	J	UG/L	3	25	35	0	10		
	W82SSA	01/11/2000	IM40MB	MAGNESIUM	1200		UG/L	3	25	35	0	10		
	W82SSA	01/11/2000	IM40MB	MANGANESE	20.4		UG/L	3	25	35	0	10		
	W82SSA	01/11/2000	IM40MB	POTASSIUM	778	J	UG/L	3	25	35	0	10		
	W82SSA	01/11/2000	IM40MB	SODIUM	5620		UG/L	3	25	35	0	10	20000	
	W82SSA	01/11/2000	OC21B	{ND on all 64} analytes				3	25	35	0	10		
	W82SSA	01/11/2000	OC21V	CHLOROFORM	2		UG/L	3	25	35	0	10	80	
	W82SSA	01/11/2000	OL21P	{ND on all 28} analytes				3	25	35	0	10		
	W82SSA	01/11/2000	TOC	{ND on all 1} analytes				3	25	35	0	10		
	W82SSA	04/10/2000	300.0	CHLORIDE (AS CL)	8.1		MG/L	II	25	35	0	10		
	W82SSA	04/10/2000	300.0	SULFATE (AS SO4)	6.1		MG/L	II	25	35	0	10		
	W82SSD	04/10/2000	300.0	CHLORIDE (AS CL)	8		MG/L	II	25	35	0	10		
	W82SSD	04/10/2000	300.0	SULFATE (AS SO4)	6.1		MG/L	II	25	35	0	10		
	W82SSA	04/10/2000	310.1	ALKALINITY, BICARBONATE (AS C	3		MG/L	II	25	35	0	10		
	W82SSA	04/10/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	3		MG/L	II	25	35	0	10		
	W82SSD	04/10/2000	310.1	ALKALINITY, BICARBONATE (AS C	3		MG/L	II	25	35	0	10		
	W82SSD	04/10/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	3		MG/L	II	25	35	0	10		
	W82SSA	04/10/2000	365.2	{ND on all 1} analytes				II	25	35	0	10		
	W82SSD	04/10/2000	365.2	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	04/10/2000	504	{ND on all 1} analytes				II	25	35	0	10		
	W82SSD	04/10/2000	504	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	04/10/2000	8151	{ND on all 15} analytes				II	25	35	0	10		
	W82SSD	04/10/2000	8151	{ND on all 15} analytes				II	25	35	0	10		
	W82SSA	04/10/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.03	J	MG/L	II	25	35	0	10	30	
	W82SSD	04/10/2000	350.2M	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	04/10/2000	353.2M	NITRATE/NITRITE (AS N)	0.15		MG/L	II	25	35	0	10	10	
	W82SSD	04/10/2000	353.2M	NITRATE/NITRITE (AS N)	0.14		MG/L	II	25	35	0	10	10	
	W82SSA	04/10/2000	8021W	{ND on all 1} analytes				II	25	35	0	10		
	W82SSD	04/10/2000	8021W	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	04/10/2000	8330N	{ND on all 18} analytes				II	25	35	0	10		
	W82SSD	04/10/2000	8330N	{ND on all 18} analytes				II	25	35	0	10		
	W82SSA	04/10/2000	CYAN	{ND on all 1} analytes				II	25	35	0	10		
	W82SSD	04/10/2000	CYAN	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	04/10/2000	IM40HD	{ND on all 1} analytes				II	25	35	0	10		
	W82SSD	04/10/2000	IM40HD	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	04/10/2000	IM40HG	{ND on all 1} analytes				II	25	35	0	10		
	W82SSD	04/10/2000	IM40HG	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	04/10/2000	IM40MB	BORON	4.3	J	UG/L	II	25	35	0	10	600	
	W82SSA	04/10/2000	IM40MB	CALCIUM	1640		UG/L	II	25	35	0	10		
	W82SSA	04/10/2000	IM40MB	MAGNESIUM	1150		UG/L	II	25	35	0	10		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W82SSA	04/10/2000	IM40MB	MANGANESE	22		UG/L	II	25	35	0	10		
	W82SSA	04/10/2000	IM40MB	POTASSIUM	739		UG/L	II	25	35	0	10		
	W82SSA	04/10/2000	IM40MB	SODIUM	5090		UG/L	II	25	35	0	10	20000	
	W82SSD	04/10/2000	IM40MB	BORON	4.7	J	UG/L	II	25	35	0	10	600	
	W82SSD	04/10/2000	IM40MB	CALCIUM	1690		UG/L	II	25	35	0	10		
	W82SSD	04/10/2000	IM40MB	MAGNESIUM	1130		UG/L	II	25	35	0	10		
	W82SSD	04/10/2000	IM40MB	MANGANESE	21.7		UG/L	II	25	35	0	10		
	W82SSD	04/10/2000	IM40MB	POTASSIUM	691		UG/L	II	25	35	0	10		
	W82SSD	04/10/2000	IM40MB	SODIUM	5100		UG/L	II	25	35	0	10	20000	
	W82SSA	04/10/2000	OC21B	{ND on all 64} analytes				II	25	35	0	10		
	W82SSD	04/10/2000	OC21B	{ND on all 64} analytes				II	25	35	0	10		
	W82SSA	04/10/2000	OC21V	CHLOROFORM	1		UG/L	II	25	35	0	10	80	
	W82SSD	04/10/2000	OC21V	CHLOROFORM	2		UG/L	II	25	35	0	10	80	
	W82SSA	04/10/2000	OL21P	{ND on all 28} analytes				II	25	35	0	10		
	W82SSD	04/10/2000	OL21P	{ND on all 28} analytes				II	25	35	0	10		
	W82SSA	04/10/2000	TOC	{ND on all 1} analytes				II	25	35	0	10		
	W82SSD	04/10/2000	TOC	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	08/22/2000	300.0	CHLORIDE (AS CL)	8.1		MG/L	II	25	35	0	10		
	W82SSA	08/22/2000	300.0	SULFATE (AS SO4)	6.3		MG/L	II	25	35	0	10		
	W82SSA	08/22/2000	310.1	ALKALINITY, BICARBONATE (AS C	3		MG/L	II	25	35	0	10		
	W82SSA	08/22/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	3		MG/L	II	25	35	0	10		
	W82SSA	08/22/2000	365.2	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	08/22/2000	504	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	08/22/2000	8151	{ND on all 16} analytes				II	25	35	0	10		
	W82SSA	08/22/2000	350.2M	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	08/22/2000	353.2M	NITRATE/NITRITE (AS N)	0.19		MG/L	II	25	35	0	10	10	
	W82SSA	08/22/2000	8021W	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	08/22/2000	8330N	{ND on all 19} analytes				II	25	35	0	10		
	W82SSA	08/22/2000	CYAN	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	08/22/2000	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	08/22/2000	IM40HD	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	08/22/2000	IM40HG	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	08/22/2000	IM40MB	BARIUM	9.7	J	UG/L	II	25	35	0	10	2000	
	W82SSA	08/22/2000	IM40MB	BORON	8.2	J	UG/L	II	25	35	0	10	600	
	W82SSA	08/22/2000	IM40MB	CALCIUM	1640		UG/L	II	25	35	0	10		
	W82SSA	08/22/2000	IM40MB	MAGNESIUM	1240		UG/L	II	25	35	0	10		
	W82SSA	08/22/2000	IM40MB	MANGANESE	18.9		UG/L	II	25	35	0	10		
	W82SSA	08/22/2000	IM40MB	POTASSIUM	811		UG/L	II	25	35	0	10		
	W82SSA	08/22/2000	IM40MB	SODIUM	5990		UG/L	II	25	35	0	10	20000	
	W82SSA	08/22/2000	OC21V	CHLOROFORM	2		UG/L	II	25	35	0	10	80	
	W82SSA	08/22/2000	OL21P	{ND on all 28} analytes				II	25	35	0	10		
	W82SSA	08/22/2000	SW8270	{ND on all 77} analytes				II	25	35	0	10		
	W82SSA	08/22/2000	TOC	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	08/17/2001	8151	{ND on all 18} analytes				II	25	35	0	10		
	W82SSA	08/17/2001	8330NX	{ND on all 22} analytes				II	25	35	0	10		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W82SSA	08/17/2001	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	08/17/2001	ILSBTL	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	08/17/2001	IM40HD	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	08/17/2001	IM40HG	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	08/17/2001	IM40MB	ALUMINUM	17.9	J	UG/L	II	25	35	0	10		
	W82SSA	08/17/2001	IM40MB	BARIUM	10		UG/L	II	25	35	0	10	2000	
	W82SSA	08/17/2001	IM40MB	BORON	7.3		UG/L	II	25	35	0	10	600	
	W82SSA	08/17/2001	IM40MB	CALCIUM	1930		UG/L	II	25	35	0	10		
	W82SSA	08/17/2001	IM40MB	MAGNESIUM	1360		UG/L	II	25	35	0	10		
	W82SSA	08/17/2001	IM40MB	MANGANESE	17.7		UG/L	II	25	35	0	10		
	W82SSA	08/17/2001	IM40MB	POTASSIUM	750		UG/L	II	25	35	0	10		
	W82SSA	08/17/2001	IM40MB	SODIUM	5910		UG/L	II	25	35	0	10	20000	
	W82SSA	08/17/2001	IM40MB	ZINC	3.1		UG/L	II	25	35	0	10	2000	
	W82SSA	08/17/2001	OC21V	CHLOROFORM	2		UG/L	II	25	35	0	10	80	
	W82SSA	08/17/2001	OL21P	{ND on all 28} analytes				II	25	35	0	10		
	W82SSA	08/17/2001	SW8270	{ND on all 77} analytes				II	25	35	0	10		
	W82SSA	03/05/2002	8330N	{ND on all 19} analytes				II	25	35	0	10		
	W82SSA	03/05/2002	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	04/05/2002	8330N	{ND on all 19} analytes				3	25	35	0	10		
	W82SSA	04/05/2002	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	04/05/2002	OC21V	CHLOROFORM	2		UG/L	3	25	35	0	10	80	
	W82SSA	05/06/2002	8330N	{ND on all 19} analytes				II	25	35	0	10		
	W82SSA	05/06/2002	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	05/06/2002	OC21V	CHLOROFORM	2		UG/L	II	25	35	0	10	80	
	W82SSA	06/09/2002	8330N	{ND on all 19} analytes				II	25	35	0	10		
	W82SSA	06/09/2002	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	06/09/2002	OC21V	CHLOROFORM	2		UG/L	II	25	35	0	10	80	
	W82SSA	07/15/2002	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	08/07/2002	8151	{ND on all 17} analytes				II	25	35	0	10		
	W82SSA	08/07/2002	8330NX	{ND on all 22} analytes				II	25	35	0	10		
	W82SSA	08/07/2002	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	08/07/2002	ILSBTL	{ND on all 2} analytes				II	25	35	0	10		
	W82SSA	08/07/2002	IM40HD	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	08/07/2002	IM40HG	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	08/07/2002	IM40MB	ALUMINUM	26.3	J	UG/L	II	25	35	0	10		
	W82SSA	08/07/2002	IM40MB	ARSENIC	3.9	J	UG/L	II	25	35	0	10	10	
	W82SSA	08/07/2002	IM40MB	CALCIUM	1620		UG/L	II	25	35	0	10		
	W82SSA	08/07/2002	IM40MB	MAGNESIUM	1190		UG/L	II	25	35	0	10		
	W82SSA	08/07/2002	IM40MB	MANGANESE	8.7		UG/L	II	25	35	0	10		
	W82SSA	08/07/2002	IM40MB	POTASSIUM	742		UG/L	II	25	35	0	10		
	W82SSA	08/07/2002	IM40MB	SODIUM	5640		UG/L	II	25	35	0	10	20000	
	W82SSA	08/07/2002	IM40MB	ZINC	1.2	J	UG/L	II	25	35	0	10	2000	
	W82SSA	08/07/2002	OC21V	CHLOROFORM	2		UG/L	II	25	35	0	10	80	
	W82SSA	08/07/2002	SW8270	DI-N-BUTYL PHTHALATE	0.23	J	UG/L	II	25	35	0	10		
	W82SSA	09/07/2002	E314.0	{ND on all 1} analytes				3	25	35	0	10		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W82SSA	10/11/2002	E314.0	{ND on all 1} analytes				3	25	35	0	10		
	W82SSA	01/23/2003	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	02/12/2003	8330N	{ND on all 19} analytes				II	25	35	0	10		
	W82SSA	02/12/2003	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	02/12/2003	OC21V	CHLOROFORM	1		UG/L	II	25	35	0	10	80	
	W82SSA	03/17/2003	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	04/25/2003	8330N	{ND on all 19} analytes				II	25	35	0	10		
	W82SSA	04/25/2003	E314.0	{ND on all 1} analytes				3	25	35	0	10		
	W82SSA	04/25/2003	OC21V	CHLOROFORM	1		UG/L	II	25	35	0	10	80	
	W82SSA	05/29/2003	E314.0	{ND on all 1} analytes				3	25	35	0	10		
	W82SSA	06/23/2003	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	07/28/2003	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	08/25/2003	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	09/26/2003	8151	{ND on all 17} analytes				II	25	35	0	10		
	W82SSA	09/26/2003	6020SB	{ND on all 2} analytes				II	25	35	0	10		
	W82SSA	09/26/2003	8330NX	{ND on all 22} analytes				II	25	35	0	10		
	W82SSA	09/26/2003	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	09/26/2003	IM40HD	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	09/26/2003	IM40HG	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	09/26/2003	IM40MB	ALUMINUM	22.1	J	UG/L	II	25	35	0	10		
	W82SSA	09/26/2003	IM40MB	BORON	8.7	J	UG/L	II	25	35	0	10	600	
	W82SSA	09/26/2003	IM40MB	CALCIUM	1750		UG/L	II	25	35	0	10		
	W82SSA	09/26/2003	IM40MB	MAGNESIUM	1240		UG/L	II	25	35	0	10		
	W82SSA	09/26/2003	IM40MB	MANGANESE	14.7		UG/L	II	25	35	0	10		
	W82SSA	09/26/2003	IM40MB	MOLYBDENUM	1.9	J	UG/L	II	25	35	0	10	40	
	W82SSA	09/26/2003	IM40MB	POTASSIUM	585	J	UG/L	II	25	35	0	10		
	W82SSA	09/26/2003	IM40MB	SODIUM	5200		UG/L	II	25	35	0	10	20000	
	W82SSA	09/26/2003	IM40MB	ZINC	3.3	J	UG/L	II	25	35	0	10	2000	
	W82SSA	09/26/2003	OC21V	CHLOROFORM	3		UG/L	II	25	35	0	10	80	
	W82SSA	09/26/2003	SW8270	{ND on all 77} analytes				II	25	35	0	10		
	W82SSA	10/22/2003	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	11/24/2003	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	12/12/2003	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	01/14/2004	8330N	{ND on all 19} analytes				II	25	35	0	10		
	W82SSA	01/14/2004	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	01/14/2004	OC21VM	CHLOROFORM	2		UG/L	II	25	35	0	10	80	
	W82SSA	02/13/2004	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	03/12/2004	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	04/15/2004	8330N	{ND on all 19} analytes				II	25	35	0	10		
	W82SSA	04/15/2004	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	04/15/2004	OC21VM	CHLOROFORM	2		UG/L	II	25	35	0	10	80	
	W82SSA	08/26/2004	6020SB	{ND on all 2} analytes				II	25	35	0	10		
	W82SSA	08/26/2004	8330N	{ND on all 19} analytes				II	25	35	0	10		
	W82SSA	08/26/2004	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	08/26/2004	IM40HD	{ND on all 1} analytes				II	25	35	0	10		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W82SSA	08/26/2004	IM40HG	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	08/26/2004	IM40MBM	ALUMINUM	48.7	J	UG/L	II	25	35	0	10		
	W82SSA	08/26/2004	IM40MBM	BARIUM	9.3	J	UG/L	II	25	35	0	10	2000	
	W82SSA	08/26/2004	IM40MBM	BORON	6.1		UG/L	II	25	35	0	10	600	
	W82SSA	08/26/2004	IM40MBM	CALCIUM	1870		UG/L	II	25	35	0	10		
	W82SSA	08/26/2004	IM40MBM	MAGNESIUM	1390		UG/L	II	25	35	0	10		
	W82SSA	08/26/2004	IM40MBM	MANGANESE	10.9		UG/L	II	25	35	0	10		
	W82SSA	08/26/2004	IM40MBM	POTASSIUM	671		UG/L	II	25	35	0	10		
	W82SSA	08/26/2004	IM40MBM	SODIUM	5620		UG/L	II	25	35	0	10	20000	
	W82SSA	08/26/2004	OC21VM	CHLOROFORM	2		UG/L	II	25	35	0	10	80	
	W82SSA	08/26/2004	SW8270	{ND on all 77} analytes				II	25	35	0	10		
	W82SSA	02/08/2005	8330N	{ND on all 19} analytes				II	25	35	0	10		
	W82SSA	02/08/2005	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	02/08/2005	OC21VM	CHLOROFORM	2		UG/L	II	25	35	0	10	80	
	W82SSA	05/26/2005	8330N	{ND on all 19} analytes				II	25	35	0	10		
	W82SSA	05/26/2005	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	05/26/2005	OC21VM	CHLOROFORM	2		UG/L	II	25	35	0	10	80	
	W82SSA	08/09/2005	6020SB	{ND on all 2} analytes				II	25	35	0	10		
	W82SSA	08/09/2005	8330N	{ND on all 19} analytes				II	25	35	0	10		
	W82SSA	08/09/2005	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	08/09/2005	IM40HG	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	08/09/2005	IM40MBM	BARIUM	12.3	J	UG/L	II	25	35	0	10	2000	
	W82SSA	08/09/2005	IM40MBM	CALCIUM	1690	J	UG/L	II	25	35	0	10		
	W82SSA	08/09/2005	IM40MBM	MAGNESIUM	1040	J	UG/L	II	25	35	0	10		
	W82SSA	08/09/2005	IM40MBM	MANGANESE	17.8		UG/L	II	25	35	0	10		
	W82SSA	08/09/2005	IM40MBM	SODIUM	4640	J	UG/L	II	25	35	0	10	20000	
	W82SSA	08/09/2005	OC21VM	CHLOROFORM	2		UG/L	II	25	35	0	10	80	
	W82SSA	08/09/2005	OC21VM	CHLOROMETHANE	0.2	J	UG/L	II	25	35	0	10	30	
	W82SSA	08/09/2005	SW8270	{ND on all 76} analytes				II	25	35	0	10		
	W82SSA	01/10/2006	8330N	{ND on all 19} analytes				II	25	35	0	10		
	W82SSA	01/10/2006	E314.0	{ND on all 1} analytes				II	25	35	0	10		
	W82SSA	01/10/2006	OC21VM	CHLOROFORM	2		UG/L	II	25	35	0	10	80	
MW-83D	W83DDA	10/12/1999	300.0	CHLORIDE (AS CL)	7.9		MG/L	II	142	152	109	119		
	W83DDA	10/12/1999	300.0	SULFATE (AS SO4)	5.5		MG/L	II	142	152	109	119		
	W83DDA	10/12/1999	310.1	ALKALINITY, BICARBONATE (AS C	14		MG/L	II	142	152	109	119		
	W83DDA	10/12/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	14		MG/L	II	142	152	109	119		
	W83DDA	10/12/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	II	142	152	109	119		
	W83DDA	10/12/1999	504	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	10/12/1999	8151	{ND on all 15} analytes				II	142	152	109	119		
	W83DDA	10/12/1999	350.2M	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	10/12/1999	353.2M	NITRATE/NITRITE (AS N)	0.03		MG/L	II	142	152	109	119	10	
	W83DDA	10/12/1999	8021W	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	10/12/1999	8330N	{ND on all 19} analytes				II	142	152	109	119		
	W83DDA	10/12/1999	CYAN	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	10/12/1999	IM40HD	{ND on all 1} analytes				II	142	152	109	119		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W83DDA	10/12/1999	IM40HG	MERCURY	0.11	J	UG/L	II	142	152	109	119	2	
	W83DDA	10/12/1999	IM40MB	ALUMINUM	1020		UG/L	II	142	152	109	119		
	W83DDA	10/12/1999	IM40MB	BARIUM	10.6	J	UG/L	II	142	152	109	119	2000	
	W83DDA	10/12/1999	IM40MB	CALCIUM	3430		UG/L	II	142	152	109	119		
	W83DDA	10/12/1999	IM40MB	CHROMIUM, TOTAL	3.7	J	UG/L	II	142	152	109	119	100	
	W83DDA	10/12/1999	IM40MB	IRON	1330		UG/L	II	142	152	109	119		
	W83DDA	10/12/1999	IM40MB	MAGNESIUM	1670		UG/L	II	142	152	109	119		
	W83DDA	10/12/1999	IM40MB	MANGANESE	79		UG/L	II	142	152	109	119		
	W83DDA	10/12/1999	IM40MB	MOLYBDENUM	13.4		UG/L	II	142	152	109	119	40	
	W83DDA	10/12/1999	IM40MB	POTASSIUM	3110		UG/L	II	142	152	109	119		
	W83DDA	10/12/1999	IM40MB	SODIUM	6120		UG/L	II	142	152	109	119	20000	
	W83DDA	10/12/1999	IM40MB	ZINC	3.3	J	UG/L	II	142	152	109	119	2000	
	W83DDA	10/12/1999	OC21B	{ND on all 64} analytes				II	142	152	109	119		
	W83DDA	10/12/1999	OC21V	CHLOROFORM	0.3	J	UG/L	II	142	152	109	119	80	
	W83DDA	10/12/1999	OL21P	{ND on all 28} analytes				II	142	152	109	119		
	W83DDA	10/12/1999	TOC	TOTAL ORGANIC CARBON	0.7		MG/L	II	142	152	109	119		
	W83DDA	01/12/2000	300.0	CHLORIDE (AS CL)	7.5		MG/L	II	142	152	109	119		
	W83DDA	01/12/2000	300.0	SULFATE (AS SO4)	4.9		MG/L	II	142	152	109	119		
	W83DDA	01/12/2000	310.1	ALKALINITY, BICARBONATE (AS C	12		MG/L	II	142	152	109	119		
	W83DDA	01/12/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	12		MG/L	II	142	152	109	119		
	W83DDA	01/12/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.03		MG/L	II	142	152	109	119		
	W83DDA	01/12/2000	504	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	01/12/2000	8151	{ND on all 18} analytes				II	142	152	109	119		
	W83DDA	01/12/2000	350.2M	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	01/12/2000	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	142	152	109	119	10	
	W83DDA	01/12/2000	8021W	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	01/12/2000	8330N	{ND on all 18} analytes				II	142	152	109	119		
	W83DDA	01/12/2000	CYAN	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	01/12/2000	IM40HD	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	01/12/2000	IM40HG	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	01/12/2000	IM40MB	ALUMINUM	395	J	UG/L	II	142	152	109	119		
	W83DDA	01/12/2000	IM40MB	CALCIUM	2900		UG/L	II	142	152	109	119		
	W83DDA	01/12/2000	IM40MB	COBALT	2.5	J	UG/L	II	142	152	109	119		
	W83DDA	01/12/2000	IM40MB	IRON	724		UG/L	II	142	152	109	119		
	W83DDA	01/12/2000	IM40MB	MAGNESIUM	1500		UG/L	II	142	152	109	119		
	W83DDA	01/12/2000	IM40MB	MANGANESE	34		UG/L	II	142	152	109	119		
	W83DDA	01/12/2000	IM40MB	POTASSIUM	1410		UG/L	II	142	152	109	119		
	W83DDA	01/12/2000	IM40MB	SODIUM	6340		UG/L	II	142	152	109	119	20000	
	W83DDA	01/12/2000	IM40MB	ZINC	24.7		UG/L	II	142	152	109	119	2000	
	W83DDA	01/12/2000	OC21B	{ND on all 64} analytes				II	142	152	109	119		
	W83DDA	01/12/2000	OC21V	CHLOROFORM	0.4	J	UG/L	II	142	152	109	119	80	
	W83DDA	01/12/2000	OL21P	{ND on all 28} analytes				II	142	152	109	119		
	W83DDA	01/12/2000	TOC	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	04/12/2000	300.0	CHLORIDE (AS CL)	7.9	J	MG/L	II	142	152	109	119		
	W83DDA	04/12/2000	300.0	SULFATE (AS SO4)	5.6	J	MG/L	II	142	152	109	119		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W83DDA	04/12/2000	310.1	ALKALINITY, BICARBONATE (AS C	11		MG/L	II	142	152	109	119		
	W83DDA	04/12/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	11		MG/L	II	142	152	109	119		
	W83DDA	04/12/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.03		MG/L	II	142	152	109	119		
	W83DDA	04/12/2000	504	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	04/12/2000	8151	{ND on all 15} analytes				II	142	152	109	119		
	W83DDA	04/12/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.03	J	MG/L	II	142	152	109	119	30	
	W83DDA	04/12/2000	353.2M	NITRATE/NITRITE (AS N)	0.04		MG/L	II	142	152	109	119	10	
	W83DDA	04/12/2000	8021W	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	04/12/2000	8330N	{ND on all 18} analytes				II	142	152	109	119		
	W83DDA	04/12/2000	CYAN	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	04/12/2000	IM40HD	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	04/12/2000	IM40HG	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	04/12/2000	IM40MB	BORON	4.4	J	UG/L	II	142	152	109	119	600	
	W83DDA	04/12/2000	IM40MB	CALCIUM	2740		UG/L	II	142	152	109	119		
	W83DDA	04/12/2000	IM40MB	IRON	353		UG/L	II	142	152	109	119		
	W83DDA	04/12/2000	IM40MB	MAGNESIUM	1280		UG/L	II	142	152	109	119		
	W83DDA	04/12/2000	IM40MB	MANGANESE	6.4		UG/L	II	142	152	109	119		
	W83DDA	04/12/2000	IM40MB	POTASSIUM	872	J	UG/L	II	142	152	109	119		
	W83DDA	04/12/2000	IM40MB	SODIUM	6770		UG/L	II	142	152	109	119	20000	
	W83DDA	04/12/2000	OC21B	{ND on all 64} analytes				II	142	152	109	119		
	W83DDA	04/12/2000	OC21V	CHLOROFORM	0.4	J	UG/L	II	142	152	109	119	80	
	W83DDA	04/12/2000	OL21P	{ND on all 28} analytes				II	142	152	109	119		
	W83DDA	04/12/2000	TOC	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	08/24/2000	300.0	CHLORIDE (AS CL)	7.6		MG/L	II	142	152	109	119		
	W83DDA	08/24/2000	300.0	SULFATE (AS SO4)	5.4		MG/L	II	142	152	109	119		
	W83DDA	08/24/2000	310.1	ALKALINITY, BICARBONATE (AS C	12		MG/L	II	142	152	109	119		
	W83DDA	08/24/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	12		MG/L	II	142	152	109	119		
	W83DDA	08/24/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	II	142	152	109	119		
	W83DDA	08/24/2000	504	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	08/24/2000	8151	{ND on all 17} analytes				II	142	152	109	119		
	W83DDA	08/24/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.03		MG/L	II	142	152	109	119	30	
	W83DDA	08/24/2000	353.2M	NITRATE/NITRITE (AS N)	0.04		MG/L	II	142	152	109	119	10	
	W83DDA	08/24/2000	8021W	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	08/24/2000	8330N	{ND on all 19} analytes				II	142	152	109	119		
	W83DDA	08/24/2000	CYAN	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	08/24/2000	E314.0	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	08/24/2000	IM40HD	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	08/24/2000	IM40HG	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	08/24/2000	IM40MB	ALUMINUM	299	J	UG/L	II	142	152	109	119		
	W83DDA	08/24/2000	IM40MB	ARSENIC	5.4	J	UG/L	II	142	152	109	119	10	
	W83DDA	08/24/2000	IM40MB	BORON	7.4	J	UG/L	II	142	152	109	119	600	
	W83DDA	08/24/2000	IM40MB	CALCIUM	2970		UG/L	II	142	152	109	119		
	W83DDA	08/24/2000	IM40MB	CHROMIUM, TOTAL	1.4	J	UG/L	II	142	152	109	119	100	
	W83DDA	08/24/2000	IM40MB	IRON	519		UG/L	II	142	152	109	119		
	W83DDA	08/24/2000	IM40MB	MAGNESIUM	1510		UG/L	II	142	152	109	119		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W83DDA	08/24/2000	IM40MB	MANGANESE	4.6		UG/L	II	142	152	109	119		
	W83DDA	08/24/2000	IM40MB	POTASSIUM	1060	J	UG/L	II	142	152	109	119		
	W83DDA	08/24/2000	IM40MB	SODIUM	6740		UG/L	II	142	152	109	119	20000	
	W83DDA	08/24/2000	OC21V	CHLOROFORM	0.4	J	UG/L	II	142	152	109	119	80	
	W83DDA	08/24/2000	OL21P	{ND on all 28} analytes				II	142	152	109	119		
	W83DDA	08/24/2000	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	2.4	J	UG/L	II	142	152	109	119	6	
	W83DDA	08/24/2000	TOC	TOTAL ORGANIC CARBON	0.6		MG/L	II	142	152	109	119		
	W83DDA	08/28/2001	8151	{ND on all 18} analytes				II	142	152	109	119		
	W83DDA	08/28/2001	8330NX	{ND on all 22} analytes				II	142	152	109	119		
	W83DDA	08/28/2001	E314.0	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	08/28/2001	IM40HD	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	08/28/2001	IM40HG	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	08/28/2001	IM40MB	ALUMINUM	485		UG/L	II	142	152	109	119		
	W83DDA	08/28/2001	IM40MB	BORON	6.9		UG/L	II	142	152	109	119	600	
	W83DDA	08/28/2001	IM40MB	CALCIUM	2970		UG/L	II	142	152	109	119		
	W83DDA	08/28/2001	IM40MB	CHROMIUM, TOTAL	2.6	J	UG/L	II	142	152	109	119	100	
	W83DDA	08/28/2001	IM40MB	IRON	816		UG/L	II	142	152	109	119		
	W83DDA	08/28/2001	IM40MB	MAGNESIUM	1470		UG/L	II	142	152	109	119		
	W83DDA	08/28/2001	IM40MB	MANGANESE	4.7		UG/L	II	142	152	109	119		
	W83DDA	08/28/2001	IM40MB	POTASSIUM	1100		UG/L	II	142	152	109	119		
	W83DDA	08/28/2001	IM40MB	SODIUM	6590		UG/L	II	142	152	109	119	20000	
	W83DDA	08/28/2001	IM40MB	ZINC	1.9	J	UG/L	II	142	152	109	119	2000	
	W83DDA	08/28/2001	OC21V	CHLOROFORM	0.4	J	UG/L	II	142	152	109	119	80	
	W83DDA	08/28/2001	OL21P	{ND on all 28} analytes				II	142	152	109	119		
	W83DDA	08/28/2001	SW8270	{ND on all 77} analytes				II	142	152	109	119		
	W83DDA	08/10/2002	8151	{ND on all 16} analytes				II	142	152	109	119		
	W83DDA	08/10/2002	8330NX	{ND on all 22} analytes				II	142	152	109	119		
	W83DDA	08/10/2002	E314.0	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	08/10/2002	IM40HD	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	08/10/2002	IM40HG	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	08/10/2002	IM40MB	ALUMINUM	121		UG/L	II	142	152	109	119		
	W83DDA	08/10/2002	IM40MB	CALCIUM	2730		UG/L	II	142	152	109	119		
	W83DDA	08/10/2002	IM40MB	CHROMIUM, TOTAL	1.4	J	UG/L	II	142	152	109	119	100	
	W83DDA	08/10/2002	IM40MB	COBALT	2.7	J	UG/L	II	142	152	109	119		
	W83DDA	08/10/2002	IM40MB	COPPER	2.2	J	UG/L	II	142	152	109	119	1300	
	W83DDA	08/10/2002	IM40MB	IRON	232		UG/L	II	142	152	109	119		
	W83DDA	08/10/2002	IM40MB	MAGNESIUM	1280		UG/L	II	142	152	109	119		
	W83DDA	08/10/2002	IM40MB	MANGANESE	2.8		UG/L	II	142	152	109	119		
	W83DDA	08/10/2002	IM40MB	POTASSIUM	729		UG/L	II	142	152	109	119		
	W83DDA	08/10/2002	IM40MB	SODIUM	6050		UG/L	II	142	152	109	119	20000	
	W83DDA	08/10/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	142	152	109	119	80	
	W83DDA	08/10/2002	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.26	J	UG/L	II	142	152	109	119	6	
	W83DDA	01/09/2003	E314.0	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	04/18/2003	E314.0	{ND on all 1} analytes				3	142	152	109	119		
	W83DDA	10/21/2003	8151	{ND on all 18} analytes				II	142	152	109	119		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W83DDA	10/21/2003	6020SB	{ND on all 2} analytes				II	142	152	109	119		
	W83DDA	10/21/2003	8330NX	{ND on all 22} analytes				II	142	152	109	119		
	W83DDA	10/21/2003	E314.0	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	10/21/2003	IM40HD	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	10/21/2003	IM40HG	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	10/21/2003	IM40MB	BERYLLIUM	0.34	J	UG/L	II	142	152	109	119	4	
	W83DDA	10/21/2003	IM40MB	CALCIUM	2800		UG/L	II	142	152	109	119		
	W83DDA	10/21/2003	IM40MB	IRON	296	J	UG/L	II	142	152	109	119		
	W83DDA	10/21/2003	IM40MB	MAGNESIUM	1320		UG/L	II	142	152	109	119		
	W83DDA	10/21/2003	IM40MB	MANGANESE	2	J	UG/L	II	142	152	109	119		
	W83DDA	10/21/2003	IM40MB	SODIUM	6000		UG/L	II	142	152	109	119	20000	
	W83DDA	10/21/2003	IM40MB	ZINC	3.2	J	UG/L	II	142	152	109	119	2000	
	W83DDA	10/21/2003	OC21V	CHLOROFORM	0.4	J	UG/L	II	142	152	109	119	80	
	W83DDA	10/21/2003	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.35	J	UG/L	II	142	152	109	119	6	
	W83DDA	01/14/2004	E314.0	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	05/11/2004	E314.0	{ND on all 1} analytes				3	142	152	109	119		
	W83DDA	08/26/2004	6020SB	{ND on all 2} analytes				II	142	152	109	119		
	W83DDA	08/26/2004	8330N	{ND on all 19} analytes				II	142	152	109	119		
	W83DDA	08/26/2004	E314.0	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	08/26/2004	IM40HD	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	08/26/2004	IM40HG	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	08/26/2004	IM40MBM	BORON	5.5	J	UG/L	II	142	152	109	119	600	
	W83DDA	08/26/2004	IM40MBM	CALCIUM	3190		UG/L	II	142	152	109	119		
	W83DDA	08/26/2004	IM40MBM	IRON	158		UG/L	II	142	152	109	119		
	W83DDA	08/26/2004	IM40MBM	MAGNESIUM	1470		UG/L	II	142	152	109	119		
	W83DDA	08/26/2004	IM40MBM	MANGANESE	2		UG/L	II	142	152	109	119		
	W83DDA	08/26/2004	IM40MBM	MOLYBDENUM	1.5	J	UG/L	II	142	152	109	119	40	
	W83DDA	08/26/2004	IM40MBM	POTASSIUM	867		UG/L	II	142	152	109	119		
	W83DDA	08/26/2004	IM40MBM	SODIUM	6680		UG/L	II	142	152	109	119	20000	
	W83DDA	08/26/2004	OC21VM	CHLOROFORM	0.4	J	UG/L	II	142	152	109	119	80	
	W83DDA	08/26/2004	SW8270	{ND on all 77} analytes				II	142	152	109	119		
	W83DDA	01/10/2005	E314.0	{ND on all 1} analytes				3	142	152	109	119		
	W83DDA	05/19/2005	E314.0	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	08/11/2005	6020SB	{ND on all 2} analytes				II	142	152	109	119		
	W83DDA	08/11/2005	8330N	{ND on all 19} analytes				II	142	152	109	119		
	W83DDA	08/11/2005	E314.0	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	08/11/2005	IM40HG	{ND on all 1} analytes				II	142	152	109	119		
	W83DDA	08/11/2005	IM40MBM	BORON	10.6	J	UG/L	II	142	152	109	119	600	
	W83DDA	08/11/2005	IM40MBM	CALCIUM	3020	J	UG/L	II	142	152	109	119		
	W83DDA	08/11/2005	IM40MBM	MAGNESIUM	1450	J	UG/L	II	142	152	109	119		
	W83DDA	08/11/2005	IM40MBM	POTASSIUM	1200	J	UG/L	II	142	152	109	119		
	W83DDA	08/11/2005	IM40MBM	SODIUM	6260		UG/L	II	142	152	109	119	20000	
	W83DDA	08/11/2005	OC21VM	CHLOROFORM	0.4	J	UG/L	II	142	152	109	119	80	
	W83DDA	08/11/2005	SW8270	{ND on all 76} analytes				II	142	152	109	119		
	W83DDA	12/28/2005	E314.0	{ND on all 1} analytes				II	142	152	109	119		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
MW-83M1	W83M1A	10/13/1999	300.0	CHLORIDE (AS CL)	8.9		MG/L	II	110	120	77	87		
	W83M1A	10/13/1999	300.0	SULFATE (AS SO4)	5		MG/L	II	110	120	77	87		
	W83M1A	10/13/1999	310.1	ALKALINITY, BICARBONATE (AS C	8		MG/L	II	110	120	77	87		
	W83M1A	10/13/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	8		MG/L	II	110	120	77	87		
	W83M1A	10/13/1999	365.2	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	10/13/1999	504	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	10/13/1999	8151	2,4,5-T (TRICHLOROPHENOXYACE	0.14	J	UG/L	II	110	120	77	87	70	
	W83M1A	10/13/1999	350.2M	NITROGEN, AMMONIA (AS N)	0.03	J	MG/L	II	110	120	77	87	30	
	W83M1A	10/13/1999	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	110	120	77	87	10	
	W83M1A	10/13/1999	8021W	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	10/13/1999	8330N	{ND on all 19} analytes				II	110	120	77	87		
	W83M1A	10/13/1999	CYAN	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	10/13/1999	IM40HD	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	10/13/1999	IM40HG	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	10/13/1999	IM40MB	CALCIUM	2270		UG/L	II	110	120	77	87		
	W83M1A	10/13/1999	IM40MB	IRON	43.2	J	UG/L	II	110	120	77	87		
	W83M1A	10/13/1999	IM40MB	MAGNESIUM	1190		UG/L	II	110	120	77	87		
	W83M1A	10/13/1999	IM40MB	MANGANESE	156		UG/L	II	110	120	77	87		
	W83M1A	10/13/1999	IM40MB	POTASSIUM	1030	J	UG/L	II	110	120	77	87		
	W83M1A	10/13/1999	IM40MB	SODIUM	6060		UG/L	II	110	120	77	87	20000	
	W83M1A	10/13/1999	OC21B	{ND on all 64} analytes				II	110	120	77	87		
	W83M1A	10/13/1999	OC21V	CHLOROFORM	0.7	J	UG/L	II	110	120	77	87	80	
	W83M1A	10/13/1999	OL21P	{ND on all 28} analytes				II	110	120	77	87		
	W83M1A	10/13/1999	TOC	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	01/12/2000	300.0	CHLORIDE (AS CL)	8.7		MG/L	II	110	120	77	87		
	W83M1A	01/12/2000	300.0	SULFATE (AS SO4)	4.2		MG/L	II	110	120	77	87		
	W83M1A	01/12/2000	310.1	ALKALINITY, BICARBONATE (AS C	7		MG/L	II	110	120	77	87		
	W83M1A	01/12/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	7		MG/L	II	110	120	77	87		
	W83M1A	01/12/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.01		MG/L	II	110	120	77	87		
	W83M1A	01/12/2000	504	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	01/12/2000	8151	{ND on all 18} analytes				II	110	120	77	87		
	W83M1A	01/12/2000	350.2M	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	01/12/2000	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	110	120	77	87	10	
	W83M1A	01/12/2000	8021W	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	01/12/2000	8330N	{ND on all 18} analytes				II	110	120	77	87		
	W83M1A	01/12/2000	CYAN	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	01/12/2000	IM40HD	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	01/12/2000	IM40HG	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	01/12/2000	IM40MB	CALCIUM	2120		UG/L	II	110	120	77	87		
	W83M1A	01/12/2000	IM40MB	MAGNESIUM	1270		UG/L	II	110	120	77	87		
	W83M1A	01/12/2000	IM40MB	MANGANESE	46.8		UG/L	II	110	120	77	87		
	W83M1A	01/12/2000	IM40MB	POTASSIUM	690		UG/L	II	110	120	77	87		
	W83M1A	01/12/2000	IM40MB	SODIUM	6300		UG/L	II	110	120	77	87	20000	
	W83M1A	01/12/2000	IM40MB	ZINC	2.9	J	UG/L	II	110	120	77	87	2000	
	W83M1A	01/12/2000	OC21B	{ND on all 64} analytes				II	110	120	77	87		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W83M1A	01/12/2000	OC21V	CHLOROFORM	0.9	J	UG/L	II	110	120	77	87	80	
	W83M1A	01/12/2000	OL21P	{ND on all 28} analytes				II	110	120	77	87		
	W83M1A	01/12/2000	TOC	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	04/12/2000	300.0	CHLORIDE (AS CL)	9.6	J	MG/L	II	110	120	77	87		
	W83M1A	04/12/2000	300.0	SULFATE (AS SO4)	5	J	MG/L	II	110	120	77	87		
	W83M1A	04/12/2000	310.1	ALKALINITY, BICARBONATE (AS C	7		MG/L	II	110	120	77	87		
	W83M1A	04/12/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	7		MG/L	II	110	120	77	87		
	W83M1A	04/12/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	II	110	120	77	87		
	W83M1A	04/12/2000	504	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	04/12/2000	8151	{ND on all 15} analytes				II	110	120	77	87		
	W83M1A	04/12/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.03	J	MG/L	II	110	120	77	87	30	
	W83M1A	04/12/2000	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	110	120	77	87	10	
	W83M1A	04/12/2000	8021W	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	04/12/2000	8330N	{ND on all 18} analytes				II	110	120	77	87		
	W83M1A	04/12/2000	CYAN	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	04/12/2000	IM40HD	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	04/12/2000	IM40HG	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	04/12/2000	IM40MB	BORON	6.8		UG/L	II	110	120	77	87	600	
	W83M1A	04/12/2000	IM40MB	CALCIUM	2070		UG/L	II	110	120	77	87		
	W83M1A	04/12/2000	IM40MB	MAGNESIUM	1140		UG/L	II	110	120	77	87		
	W83M1A	04/12/2000	IM40MB	MANGANESE	22.4		UG/L	II	110	120	77	87		
	W83M1A	04/12/2000	IM40MB	POTASSIUM	380	J	UG/L	II	110	120	77	87		
	W83M1A	04/12/2000	IM40MB	SODIUM	6360		UG/L	II	110	120	77	87	20000	
	W83M1A	04/12/2000	OC21B	{ND on all 64} analytes				II	110	120	77	87		
	W83M1A	04/12/2000	OC21V	CHLOROFORM	0.9	J	UG/L	II	110	120	77	87	80	
	W83M1A	04/12/2000	OL21P	{ND on all 28} analytes				II	110	120	77	87		
	W83M1A	04/12/2000	TOC	TOTAL ORGANIC CARBON	2	J	MG/L	II	110	120	77	87		
	W83M1A	08/24/2000	300.0	CHLORIDE (AS CL)	9.4		MG/L	II	110	120	77	87		
	W83M1A	08/24/2000	300.0	SULFATE (AS SO4)	4.8		MG/L	II	110	120	77	87		
	W83M1A	08/24/2000	310.1	ALKALINITY, BICARBONATE (AS C	6		MG/L	II	110	120	77	87		
	W83M1A	08/24/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	6		MG/L	II	110	120	77	87		
	W83M1A	08/24/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	II	110	120	77	87		
	W83M1A	08/24/2000	504	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	08/24/2000	8151	{ND on all 17} analytes				II	110	120	77	87		
	W83M1A	08/24/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.04		MG/L	II	110	120	77	87	30	
	W83M1A	08/24/2000	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	110	120	77	87	10	
	W83M1A	08/24/2000	8021W	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	08/24/2000	8330N	{ND on all 19} analytes				II	110	120	77	87		
	W83M1A	08/24/2000	CYAN	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	08/24/2000	E314.0	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	08/24/2000	IM40HD	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	08/24/2000	IM40HG	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	08/24/2000	IM40MB	ALUMINUM	21.8	J	UG/L	II	110	120	77	87		
	W83M1A	08/24/2000	IM40MB	BORON	8.4	J	UG/L	II	110	120	77	87	600	
	W83M1A	08/24/2000	IM40MB	CALCIUM	2260		UG/L	II	110	120	77	87		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W83M1A	08/24/2000	IM40MB	IRON	38.1	J	UG/L	II	110	120	77	87		
	W83M1A	08/24/2000	IM40MB	MAGNESIUM	1330		UG/L	II	110	120	77	87		
	W83M1A	08/24/2000	IM40MB	MANGANESE	14.8		UG/L	II	110	120	77	87		
	W83M1A	08/24/2000	IM40MB	POTASSIUM	772	J	UG/L	II	110	120	77	87		
	W83M1A	08/24/2000	IM40MB	SELENIUM	4.8	J	UG/L	II	110	120	77	87	50	
	W83M1A	08/24/2000	IM40MB	SODIUM	6740		UG/L	II	110	120	77	87	20000	
	W83M1A	08/24/2000	OC21V	CHLOROFORM	1		UG/L	II	110	120	77	87	80	
	W83M1A	08/24/2000	OL21P	{ND on all 28} analytes				II	110	120	77	87		
	W83M1A	08/24/2000	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.26	J	UG/L	II	110	120	77	87	6	
	W83M1A	08/24/2000	TOC	TOTAL ORGANIC CARBON	0.6		MG/L	II	110	120	77	87		
	W83M1A	08/23/2001	8151	{ND on all 18} analytes				II	110	120	77	87		
	W83M1A	08/23/2001	8330NX	{ND on all 22} analytes				II	110	120	77	87		
	W83M1A	08/23/2001	E314.0	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	08/23/2001	ILSBTL	ANTIMONY	1.4		UG/L	3	110	120	77	87	6	
	W83M1A	08/23/2001	IM40HD	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	08/23/2001	IM40HG	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	08/23/2001	IM40MB	CALCIUM	2310		UG/L	II	110	120	77	87		
	W83M1A	08/23/2001	IM40MB	IRON	73.2	J	UG/L	II	110	120	77	87		
	W83M1A	08/23/2001	IM40MB	MAGNESIUM	1330		UG/L	II	110	120	77	87		
	W83M1A	08/23/2001	IM40MB	MANGANESE	7		UG/L	II	110	120	77	87		
	W83M1A	08/23/2001	IM40MB	POTASSIUM	707	J	UG/L	II	110	120	77	87		
	W83M1A	08/23/2001	IM40MB	SODIUM	6470		UG/L	II	110	120	77	87	20000	
	W83M1A	08/23/2001	OC21V	CHLOROFORM	1		UG/L	II	110	120	77	87	80	
	W83M1A	08/23/2001	OL21P	{ND on all 28} analytes				II	110	120	77	87		
	W83M1A	08/23/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	1.6	J	UG/L	II	110	120	77	87	6	
	W83M1A	08/10/2002	8151	{ND on all 16} analytes				II	110	120	77	87		
	W83M1A	08/10/2002	8330NX	{ND on all 22} analytes				II	110	120	77	87		
	W83M1A	08/10/2002	E314.0	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	08/10/2002	IM40HD	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	08/10/2002	IM40HG	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	08/10/2002	IM40MB	CALCIUM	2240		UG/L	II	110	120	77	87		
	W83M1A	08/10/2002	IM40MB	MAGNESIUM	1190		UG/L	II	110	120	77	87		
	W83M1A	08/10/2002	IM40MB	MANGANESE	2.5		UG/L	II	110	120	77	87		
	W83M1A	08/10/2002	IM40MB	POTASSIUM	507		UG/L	II	110	120	77	87		
	W83M1A	08/10/2002	IM40MB	SODIUM	6570		UG/L	II	110	120	77	87	20000	
	W83M1A	08/10/2002	OC21V	CHLOROFORM	1		UG/L	II	110	120	77	87	80	
	W83M1A	08/10/2002	SW8270	{ND on all 78} analytes				II	110	120	77	87		
	W83M1A	01/09/2003	E314.0	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	04/18/2003	E314.0	{ND on all 1} analytes				3	110	120	77	87		
	W83M1A	10/21/2003	8151	{ND on all 18} analytes				II	110	120	77	87		
	W83M1A	10/21/2003	6020SB	{ND on all 2} analytes				II	110	120	77	87		
	W83M1A	10/21/2003	8330NX	{ND on all 22} analytes				II	110	120	77	87		
	W83M1A	10/21/2003	E314.0	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	10/21/2003	IM40HD	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	10/21/2003	IM40HG	{ND on all 1} analytes				II	110	120	77	87		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W83M1A	10/21/2003	IM40MB	BORON	7.1	J	UG/L	II	110	120	77	87	600	
	W83M1A	10/21/2003	IM40MB	CALCIUM	2480		UG/L	II	110	120	77	87		
	W83M1A	10/21/2003	IM40MB	MAGNESIUM	1330		UG/L	II	110	120	77	87		
	W83M1A	10/21/2003	IM40MB	SODIUM	6440		UG/L	II	110	120	77	87	20000	
	W83M1A	10/21/2003	OC21V	ACETONE	4	J	UG/L	II	110	120	77	87		
	W83M1A	10/21/2003	OC21V	CHLOROFORM	2		UG/L	II	110	120	77	87	80	
	W83M1A	10/21/2003	SW8270	{ND on all 77} analytes				II	110	120	77	87		
	W83M1A	01/13/2004	E314.0	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	05/11/2004	E314.0	{ND on all 1} analytes				3	110	120	77	87		
	W83M1A	08/26/2004	6020SB	{ND on all 2} analytes				II	110	120	77	87		
	W83M1A	08/26/2004	8330N	{ND on all 19} analytes				II	110	120	77	87		
	W83M1A	08/26/2004	E314.0	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	08/26/2004	IM40HD	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	08/26/2004	IM40HG	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	08/26/2004	IM40MBM	BORON	6.4		UG/L	II	110	120	77	87	600	
	W83M1A	08/26/2004	IM40MBM	CALCIUM	2840		UG/L	II	110	120	77	87		
	W83M1A	08/26/2004	IM40MBM	MAGNESIUM	1490		UG/L	II	110	120	77	87		
	W83M1A	08/26/2004	IM40MBM	MANGANESE	0.95	J	UG/L	II	110	120	77	87		
	W83M1A	08/26/2004	IM40MBM	POTASSIUM	803		UG/L	II	110	120	77	87		
	W83M1A	08/26/2004	IM40MBM	SODIUM	7210		UG/L	II	110	120	77	87	20000	
	W83M1A	08/26/2004	OC21VM	CHLOROFORM	1		UG/L	II	110	120	77	87	80	
	W83M1A	08/26/2004	SW8270	{ND on all 77} analytes				II	110	120	77	87		
	W83M1A	01/10/2005	E314.0	{ND on all 1} analytes				3	110	120	77	87		
	W83M1A	05/19/2005	E314.0	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	08/11/2005	6020SB	{ND on all 2} analytes				II	110	120	77	87		
	W83M1A	08/11/2005	8330N	{ND on all 19} analytes				II	110	120	77	87		
	W83M1A	08/11/2005	E314.0	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	08/11/2005	IM40HG	{ND on all 1} analytes				II	110	120	77	87		
	W83M1A	08/11/2005	IM40MBM	BORON	10.1	J	UG/L	II	110	120	77	87	600	
	W83M1A	08/11/2005	IM40MBM	CALCIUM	2700	J	UG/L	II	110	120	77	87		
	W83M1A	08/11/2005	IM40MBM	MAGNESIUM	1430	J	UG/L	II	110	120	77	87		
	W83M1A	08/11/2005	IM40MBM	POTASSIUM	1810	J	UG/L	II	110	120	77	87		
	W83M1A	08/11/2005	IM40MBM	SODIUM	6960		UG/L	II	110	120	77	87	20000	
	W83M1A	08/11/2005	OC21VM	CHLOROFORM	1		UG/L	II	110	120	77	87	80	
	W83M1A	08/11/2005	SW8270	{ND on all 76} analytes				II	110	120	77	87		
	W83M1A	12/27/2005	E314.0	{ND on all 1} analytes				II	110	120	77	87		
MW-83M2	W83M2A	10/13/1999	300.0	CHLORIDE (AS CL)	9.1		MG/L	II	85	95	52	62		
	W83M2A	10/13/1999	300.0	SULFATE (AS SO4)	6		MG/L	II	85	95	52	62		
	W83M2A	10/13/1999	310.1	ALKALINITY, BICARBONATE (AS C	6		MG/L	II	85	95	52	62		
	W83M2A	10/13/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	6		MG/L	II	85	95	52	62		
	W83M2A	10/13/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.01		MG/L	II	85	95	52	62		
	W83M2A	10/13/1999	504	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	10/13/1999	8151	{ND on all 15} analytes				II	85	95	52	62		
	W83M2A	10/13/1999	350.2M	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	10/13/1999	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	85	95	52	62	10	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W83M2A	10/13/1999	8021W	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	10/13/1999	8330N	{ND on all 19} analytes				II	85	95	52	62		
	W83M2A	10/13/1999	CYAN	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	10/13/1999	IM40HD	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	10/13/1999	IM40HG	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	10/13/1999	IM40MB	CALCIUM	1880		UG/L	II	85	95	52	62		
	W83M2A	10/13/1999	IM40MB	MAGNESIUM	1190		UG/L	II	85	95	52	62		
	W83M2A	10/13/1999	IM40MB	MANGANESE	26.8		UG/L	II	85	95	52	62		
	W83M2A	10/13/1999	IM40MB	SODIUM	5810		UG/L	II	85	95	52	62	20000	
	W83M2A	10/13/1999	OC21B	{ND on all 64} analytes				II	85	95	52	62		
	W83M2A	10/13/1999	OC21V	CHLOROFORM	2		UG/L	II	85	95	52	62	80	
	W83M2A	10/13/1999	OL21P	{ND on all 28} analytes				II	85	95	52	62		
	W83M2A	10/13/1999	TOC	TOTAL ORGANIC CARBON	0.5		MG/L	II	85	95	52	62		
	W83M2A	01/12/2000	300.0	CHLORIDE (AS CL)	8.6		MG/L	II	85	95	52	62		
	W83M2A	01/12/2000	300.0	SULFATE (AS SO4)	5		MG/L	II	85	95	52	62		
	W83M2A	01/12/2000	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	85	95	52	62		
	W83M2A	01/12/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	85	95	52	62		
	W83M2A	01/12/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	II	85	95	52	62		
	W83M2A	01/12/2000	504	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	01/12/2000	8151	{ND on all 18} analytes				II	85	95	52	62		
	W83M2A	01/12/2000	350.2M	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	01/12/2000	353.2M	NITRATE/NITRITE (AS N)	0.01		MG/L	II	85	95	52	62	10	
	W83M2A	01/12/2000	8021W	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	01/12/2000	8330N	{ND on all 18} analytes				II	85	95	52	62		
	W83M2A	01/12/2000	CYAN	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	01/12/2000	IM40HD	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	01/12/2000	IM40HG	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	01/12/2000	IM40MB	CALCIUM	1710		UG/L	II	85	95	52	62		
	W83M2A	01/12/2000	IM40MB	MAGNESIUM	1190		UG/L	II	85	95	52	62		
	W83M2A	01/12/2000	IM40MB	MANGANESE	8.7		UG/L	II	85	95	52	62		
	W83M2A	01/12/2000	IM40MB	POTASSIUM	654		UG/L	II	85	95	52	62		
	W83M2A	01/12/2000	IM40MB	SODIUM	5760		UG/L	II	85	95	52	62	20000	
	W83M2A	01/12/2000	IM40MB	ZINC	2.3	J	UG/L	II	85	95	52	62	2000	
	W83M2A	01/12/2000	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	1	J	UG/L	II	85	95	52	62	6	
	W83M2A	01/12/2000	OC21V	CHLOROFORM	2		UG/L	II	85	95	52	62	80	
	W83M2A	01/12/2000	OL21P	{ND on all 28} analytes				II	85	95	52	62		
	W83M2A	01/12/2000	TOC	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	04/13/2000	300.0	CHLORIDE (AS CL)	9.1	J	MG/L	II	85	95	52	62		
	W83M2A	04/13/2000	300.0	SULFATE (AS SO4)	5.7	J	MG/L	II	85	95	52	62		
	W83M2A	04/13/2000	310.1	ALKALINITY, BICARBONATE (AS C	5		MG/L	II	85	95	52	62		
	W83M2A	04/13/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	5		MG/L	II	85	95	52	62		
	W83M2A	04/13/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	II	85	95	52	62		
	W83M2A	04/13/2000	504	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	04/13/2000	8151	{ND on all 15} analytes				II	85	95	52	62		
	W83M2A	04/13/2000	350.2M	{ND on all 1} analytes				II	85	95	52	62		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W83M2A	04/13/2000	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	85	95	52	62	10	
	W83M2A	04/13/2000	8021W	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	04/13/2000	8330N	{ND on all 19} analytes				II	85	95	52	62		
	W83M2A	04/13/2000	CYAN	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	04/13/2000	IM40HD	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	04/13/2000	IM40HG	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	04/13/2000	IM40MB	BORON	8.3		UG/L	II	85	95	52	62	600	
	W83M2A	04/13/2000	IM40MB	CALCIUM	1760		UG/L	II	85	95	52	62		
	W83M2A	04/13/2000	IM40MB	COPPER	2.3	J	UG/L	II	85	95	52	62	1300	
	W83M2A	04/13/2000	IM40MB	MAGNESIUM	1140		UG/L	II	85	95	52	62		
	W83M2A	04/13/2000	IM40MB	MANGANESE	5.8		UG/L	II	85	95	52	62		
	W83M2A	04/13/2000	IM40MB	SODIUM	6070		UG/L	II	85	95	52	62	20000	
	W83M2A	04/13/2000	OC21B	{ND on all 64} analytes				II	85	95	52	62		
	W83M2A	04/13/2000	OC21V	{ND on all 44} analytes				II	85	95	52	62		
	W83M2A	04/13/2000	OL21P	{ND on all 28} analytes				II	85	95	52	62		
	W83M2A	04/13/2000	TOC	TOTAL ORGANIC CARBON	0.8		MG/L	II	85	95	52	62		
	W83M2A	08/22/2000	300.0	CHLORIDE (AS CL)	8.6		MG/L	II	85	95	52	62		
	W83M2A	08/22/2000	300.0	SULFATE (AS SO4)	5.6		MG/L	II	85	95	52	62		
	W83M2A	08/22/2000	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	85	95	52	62		
	W83M2A	08/22/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	85	95	52	62		
	W83M2A	08/22/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02	J	MG/L	II	85	95	52	62		
	W83M2A	08/22/2000	504	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	08/22/2000	8151	{ND on all 16} analytes				II	85	95	52	62		
	W83M2A	08/22/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.03	J	MG/L	II	85	95	52	62	30	
	W83M2A	08/22/2000	353.2M	NITRATE/NITRITE (AS N)	0.01		MG/L	II	85	95	52	62	10	
	W83M2A	08/22/2000	8021W	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	08/22/2000	8330N	{ND on all 19} analytes				II	85	95	52	62		
	W83M2A	08/22/2000	CYAN	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	08/22/2000	E314.0	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	08/22/2000	IM40HD	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	08/22/2000	IM40HG	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	08/22/2000	IM40MB	BORON	8.5	J	UG/L	II	85	95	52	62	600	
	W83M2A	08/22/2000	IM40MB	CALCIUM	1830		UG/L	II	85	95	52	62		
	W83M2A	08/22/2000	IM40MB	MAGNESIUM	1260		UG/L	II	85	95	52	62		
	W83M2A	08/22/2000	IM40MB	MANGANESE	3.4		UG/L	II	85	95	52	62		
	W83M2A	08/22/2000	IM40MB	POTASSIUM	687		UG/L	II	85	95	52	62		
	W83M2A	08/22/2000	IM40MB	SODIUM	6240		UG/L	II	85	95	52	62	20000	
	W83M2A	08/22/2000	OC21V	CHLOROFORM	2		UG/L	II	85	95	52	62	80	
	W83M2A	08/22/2000	OL21P	{ND on all 28} analytes				II	85	95	52	62		
	W83M2A	08/22/2000	SW8270	{ND on all 77} analytes				II	85	95	52	62		
	W83M2A	08/22/2000	TOC	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	08/27/2001	8151	{ND on all 18} analytes				II	85	95	52	62		
	W83M2A	08/27/2001	8330NX	{ND on all 22} analytes				II	85	95	52	62		
	W83M2A	08/27/2001	E314.0	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	08/27/2001	IM40HD	{ND on all 1} analytes				II	85	95	52	62		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W83M2A	08/27/2001	IM40HG	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	08/27/2001	IM40MB	BORON	8		UG/L	II	85	95	52	62	600	
	W83M2A	08/27/2001	IM40MB	CALCIUM	1810		UG/L	II	85	95	52	62		
	W83M2A	08/27/2001	IM40MB	COPPER	3.5	J	UG/L	II	85	95	52	62	1300	
	W83M2A	08/27/2001	IM40MB	MAGNESIUM	1160		UG/L	II	85	95	52	62		
	W83M2A	08/27/2001	IM40MB	POTASSIUM	661		UG/L	II	85	95	52	62		
	W83M2A	08/27/2001	IM40MB	SODIUM	5810		UG/L	II	85	95	52	62	20000	
	W83M2A	08/27/2001	OC21V	CHLOROFORM	2		UG/L	II	85	95	52	62	80	
	W83M2A	08/27/2001	OL21P	{ND on all 28} analytes				II	85	95	52	62		
	W83M2A	08/27/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.24	J	UG/L	II	85	95	52	62	6	
	W83M2A	08/10/2002	8151	{ND on all 16} analytes				II	85	95	52	62		
	W83M2A	08/10/2002	8330NX	{ND on all 22} analytes				II	85	95	52	62		
	W83M2A	08/10/2002	E314.0	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	08/10/2002	IM40HD	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	08/10/2002	IM40HG	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	08/10/2002	IM40MB	CALCIUM	1760		UG/L	II	85	95	52	62		
	W83M2A	08/10/2002	IM40MB	MAGNESIUM	1100		UG/L	II	85	95	52	62		
	W83M2A	08/10/2002	IM40MB	MANGANESE	1.2	J	UG/L	II	85	95	52	62		
	W83M2A	08/10/2002	IM40MB	POTASSIUM	406		UG/L	II	85	95	52	62		
	W83M2A	08/10/2002	IM40MB	SODIUM	6000		UG/L	II	85	95	52	62	20000	
	W83M2A	08/10/2002	OC21V	CHLOROFORM	2		UG/L	II	85	95	52	62	80	
	W83M2A	08/10/2002	SW8270	{ND on all 78} analytes				II	85	95	52	62		
	W83M2A	01/09/2003	E314.0	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	04/18/2003	E314.0	{ND on all 1} analytes				3	85	95	52	62		
	W83M2A	10/21/2003	8151	{ND on all 18} analytes				II	85	95	52	62		
	W83M2A	10/21/2003	6020SB	{ND on all 2} analytes				II	85	95	52	62		
	W83M2A	10/21/2003	8330NX	{ND on all 22} analytes				II	85	95	52	62		
	W83M2A	10/21/2003	E314.0	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	10/21/2003	IM40HD	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	10/21/2003	IM40HG	MERCURY	0.28		UG/L	II	85	95	52	62	2	
	W83M2A	10/21/2003	IM40MB	CALCIUM	1740		UG/L	II	85	95	52	62		
	W83M2A	10/21/2003	IM40MB	MAGNESIUM	1100		UG/L	II	85	95	52	62		
	W83M2A	10/21/2003	IM40MB	SODIUM	5420		UG/L	II	85	95	52	62	20000	
	W83M2A	10/21/2003	OC21V	CHLOROFORM	2		UG/L	II	85	95	52	62	80	
	W83M2A	10/21/2003	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.67	J	UG/L	II	85	95	52	62	6	
	W83M2A	01/14/2004	E314.0	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	05/11/2004	E314.0	{ND on all 1} analytes				3	85	95	52	62		
	W83M2A	08/26/2004	6020SB	{ND on all 2} analytes				II	85	95	52	62		
	W83M2A	08/26/2004	8330N	{ND on all 19} analytes				II	85	95	52	62		
	W83M2A	08/26/2004	E314.0	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	08/26/2004	IM40HD	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	08/26/2004	IM40HG	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	08/26/2004	IM40MBM	BORON	6.2		UG/L	II	85	95	52	62	600	
	W83M2A	08/26/2004	IM40MBM	CALCIUM	1950		UG/L	II	85	95	52	62		
	W83M2A	08/26/2004	IM40MBM	LEAD	1.8	J	UG/L	II	85	95	52	62	15	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W83M2A	08/26/2004	IM40MBM	MAGNESIUM	1210		UG/L	II	85	95	52	62		
	W83M2A	08/26/2004	IM40MBM	POTASSIUM	578		UG/L	II	85	95	52	62		
	W83M2A	08/26/2004	IM40MBM	SODIUM	6240		UG/L	II	85	95	52	62	20000	
	W83M2A	08/26/2004	OC21VM	CHLOROFORM	2		UG/L	II	85	95	52	62	80	
	W83M2A	08/26/2004	SW8270	{ND on all 77} analytes				II	85	95	52	62		
	W83M2A	01/10/2005	E314.0	{ND on all 1} analytes				3	85	95	52	62		
	W83M2A	05/19/2005	E314.0	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	08/11/2005	6020SB	{ND on all 2} analytes				II	85	95	52	62		
	W83M2A	08/11/2005	8330N	{ND on all 19} analytes				II	85	95	52	62		
	W83M2A	08/11/2005	E314.0	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	08/11/2005	IM40HG	{ND on all 1} analytes				II	85	95	52	62		
	W83M2A	08/11/2005	IM40MBM	BORON	9.9	J	UG/L	II	85	95	52	62	600	
	W83M2A	08/11/2005	IM40MBM	CALCIUM	1800	J	UG/L	II	85	95	52	62		
	W83M2A	08/11/2005	IM40MBM	MAGNESIUM	1140	J	UG/L	II	85	95	52	62		
	W83M2A	08/11/2005	IM40MBM	POTASSIUM	1060	J	UG/L	II	85	95	52	62		
	W83M2A	08/11/2005	IM40MBM	SODIUM	5620		UG/L	II	85	95	52	62	20000	
	W83M2A	08/11/2005	OC21VM	CHLOROFORM	2		UG/L	II	85	95	52	62	80	
	W83M2A	08/11/2005	SW8270	{ND on all 76} analytes				II	85	95	52	62		
	W83M2A	12/23/2005	E314.0	{ND on all 1} analytes				II	85	95	52	62		
MW-83M3	W83M3A	10/13/1999	300.0	CHLORIDE (AS CL)	8.2		MG/L	II	60	70	27	37		
	W83M3A	10/13/1999	300.0	SULFATE (AS SO4)	5.6		MG/L	II	60	70	27	37		
	W83M3A	10/13/1999	310.1	ALKALINITY, BICARBONATE (AS C	3		MG/L	II	60	70	27	37		
	W83M3A	10/13/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	3		MG/L	II	60	70	27	37		
	W83M3A	10/13/1999	365.2	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	10/13/1999	504	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	10/13/1999	8151	{ND on all 16} analytes				II	60	70	27	37		
	W83M3A	10/13/1999	350.2M	NITROGEN, AMMONIA (AS N)	0.02	J	MG/L	II	60	70	27	37	30	
	W83M3A	10/13/1999	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	60	70	27	37	10	
	W83M3A	10/13/1999	8021W	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	10/13/1999	8330N	{ND on all 19} analytes				II	60	70	27	37		
	W83M3A	10/13/1999	CYAN	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	10/13/1999	IM40HD	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	10/13/1999	IM40HG	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	10/13/1999	IM40MB	CALCIUM	1470		UG/L	II	60	70	27	37		
	W83M3A	10/13/1999	IM40MB	MAGNESIUM	1130		UG/L	II	60	70	27	37		
	W83M3A	10/13/1999	IM40MB	MANGANESE	5.6		UG/L	II	60	70	27	37		
	W83M3A	10/13/1999	IM40MB	SODIUM	5490		UG/L	II	60	70	27	37	20000	
	W83M3A	10/13/1999	OC21B	{ND on all 64} analytes				II	60	70	27	37		
	W83M3A	10/13/1999	OC21V	CHLOROFORM	1		UG/L	II	60	70	27	37	80	
	W83M3A	10/13/1999	OL21P	{ND on all 28} analytes				II	60	70	27	37		
	W83M3A	10/13/1999	TOC	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	01/13/2000	300.0	CHLORIDE (AS CL)	8		MG/L	II	60	70	27	37		
	W83M3A	01/13/2000	300.0	SULFATE (AS SO4)	5.1		MG/L	II	60	70	27	37		
	W83M3D	01/13/2000	300.0	CHLORIDE (AS CL)	8		MG/L	II	60	70	27	37		
	W83M3D	01/13/2000	300.0	SULFATE (AS SO4)	5.1		MG/L	II	60	70	27	37		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W83M3A	01/13/2000	310.1	{ND on all 4} analytes				II	60	70	27	37		
	W83M3D	01/13/2000	310.1	ALKALINITY, BICARBONATE (AS C	5		MG/L	II	60	70	27	37		
	W83M3D	01/13/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	5		MG/L	II	60	70	27	37		
	W83M3A	01/13/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.01		MG/L	II	60	70	27	37		
	W83M3D	01/13/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	II	60	70	27	37		
	W83M3A	01/13/2000	504	{ND on all 1} analytes				II	60	70	27	37		
	W83M3D	01/13/2000	504	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	01/13/2000	8151	{ND on all 18} analytes				II	60	70	27	37		
	W83M3D	01/13/2000	8151	{ND on all 18} analytes				II	60	70	27	37		
	W83M3A	01/13/2000	350.2M	{ND on all 1} analytes				II	60	70	27	37		
	W83M3D	01/13/2000	350.2M	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	01/13/2000	353.2M	NITRATE/NITRITE (AS N)	0.01		MG/L	II	60	70	27	37	10	
	W83M3D	01/13/2000	353.2M	NITRATE/NITRITE (AS N)	0.01		MG/L	II	60	70	27	37	10	
	W83M3A	01/13/2000	8021W	{ND on all 1} analytes				II	60	70	27	37		
	W83M3D	01/13/2000	8021W	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	01/13/2000	8330N	{ND on all 18} analytes				II	60	70	27	37		
	W83M3D	01/13/2000	8330N	{ND on all 18} analytes				II	60	70	27	37		
	W83M3A	01/13/2000	CYAN	{ND on all 1} analytes				II	60	70	27	37		
	W83M3D	01/13/2000	CYAN	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	01/13/2000	IM40HD	{ND on all 1} analytes				II	60	70	27	37		
	W83M3D	01/13/2000	IM40HD	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	01/13/2000	IM40HG	{ND on all 1} analytes				II	60	70	27	37		
	W83M3D	01/13/2000	IM40HG	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	01/13/2000	IM40MB	CALCIUM	1400		UG/L	II	60	70	27	37		
	W83M3A	01/13/2000	IM40MB	MAGNESIUM	1190		UG/L	II	60	70	27	37		
	W83M3A	01/13/2000	IM40MB	MANGANESE	3.8		UG/L	II	60	70	27	37		
	W83M3A	01/13/2000	IM40MB	POTASSIUM	752		UG/L	II	60	70	27	37		
	W83M3A	01/13/2000	IM40MB	SODIUM	5710		UG/L	II	60	70	27	37	20000	
	W83M3D	01/13/2000	IM40MB	CALCIUM	1410		UG/L	II	60	70	27	37		
	W83M3D	01/13/2000	IM40MB	MAGNESIUM	1180		UG/L	II	60	70	27	37		
	W83M3D	01/13/2000	IM40MB	MANGANESE	3.8		UG/L	II	60	70	27	37		
	W83M3D	01/13/2000	IM40MB	POTASSIUM	527		UG/L	II	60	70	27	37		
	W83M3D	01/13/2000	IM40MB	SODIUM	5760		UG/L	II	60	70	27	37	20000	
	W83M3D	01/13/2000	IM40MB	ZINC	2.1	J	UG/L	II	60	70	27	37	2000	
	W83M3A	01/13/2000	OC21B	{ND on all 64} analytes				II	60	70	27	37		
	W83M3D	01/13/2000	OC21B	{ND on all 64} analytes				II	60	70	27	37		
	W83M3A	01/13/2000	OC21V	CHLOROFORM	2		UG/L	II	60	70	27	37	80	
	W83M3D	01/13/2000	OC21V	CHLOROFORM	2		UG/L	II	60	70	27	37	80	
	W83M3A	01/13/2000	OL21P	{ND on all 28} analytes				II	60	70	27	37		
	W83M3D	01/13/2000	OL21P	{ND on all 28} analytes				II	60	70	27	37		
	W83M3A	01/13/2000	TOC	{ND on all 1} analytes				II	60	70	27	37		
	W83M3D	01/13/2000	TOC	TOTAL ORGANIC CARBON	0.8	J	MG/L	II	60	70	27	37		
	W83M3A	04/13/2000	300.0	CHLORIDE (AS CL)	8.4	J	MG/L	II	60	70	27	37		
	W83M3A	04/13/2000	300.0	SULFATE (AS SO4)	5.9	J	MG/L	II	60	70	27	37		
	W83M3A	04/13/2000	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	60	70	27	37		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W83M3A	04/13/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	60	70	27	37		
	W83M3A	04/13/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	II	60	70	27	37		
	W83M3A	04/13/2000	504	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	04/13/2000	8151	{ND on all 15} analytes				II	60	70	27	37		
	W83M3A	04/13/2000	350.2M	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	04/13/2000	353.2M	NITRATE/NITRITE (AS N)	0.01		MG/L	II	60	70	27	37	10	
	W83M3A	04/13/2000	8021W	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	04/13/2000	8330N	{ND on all 19} analytes				II	60	70	27	37		
	W83M3A	04/13/2000	CYAN	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	04/13/2000	IM40HD	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	04/13/2000	IM40HG	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	04/13/2000	IM40MB	BORON	6.4		UG/L	II	60	70	27	37	600	
	W83M3A	04/13/2000	IM40MB	CALCIUM	1440		UG/L	II	60	70	27	37		
	W83M3A	04/13/2000	IM40MB	COPPER	31	J	UG/L	II	60	70	27	37	1300	
	W83M3A	04/13/2000	IM40MB	MAGNESIUM	1090		UG/L	II	60	70	27	37		
	W83M3A	04/13/2000	IM40MB	MANGANESE	2.8		UG/L	II	60	70	27	37		
	W83M3A	04/13/2000	IM40MB	SODIUM	5770		UG/L	II	60	70	27	37	20000	
	W83M3A	04/13/2000	OC21B	{ND on all 64} analytes				II	60	70	27	37		
	W83M3A	04/13/2000	OC21V	{ND on all 44} analytes				II	60	70	27	37		
	W83M3A	04/13/2000	OL21P	{ND on all 28} analytes				II	60	70	27	37		
	W83M3A	04/13/2000	TOC	TOTAL ORGANIC CARBON	0.6		MG/L	II	60	70	27	37		
	W83M3A	08/23/2000	300.0	CHLORIDE (AS CL)	8.1		MG/L	II	60	70	27	37		
	W83M3A	08/23/2000	300.0	SULFATE (AS SO4)	5.7		MG/L	II	60	70	27	37		
	W83M3A	08/23/2000	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	60	70	27	37		
	W83M3A	08/23/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	60	70	27	37		
	W83M3A	08/23/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.01	J	MG/L	II	60	70	27	37		
	W83M3A	08/23/2000	504	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	08/23/2000	8151	CHLORAMBEN	0.11	NJ	UG/L	II	60	70	27	37	100	
	W83M3A	08/23/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.04	J	MG/L	II	60	70	27	37	30	
	W83M3A	08/23/2000	353.2M	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	08/23/2000	8021W	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	08/23/2000	8330N	{ND on all 19} analytes				II	60	70	27	37		
	W83M3A	08/23/2000	CYAN	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	08/23/2000	E314.0	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	08/23/2000	IM40HD	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	08/23/2000	IM40HG	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	08/23/2000	IM40MB	BORON	8.1	J	UG/L	II	60	70	27	37	600	
	W83M3A	08/23/2000	IM40MB	CALCIUM	1500		UG/L	II	60	70	27	37		
	W83M3A	08/23/2000	IM40MB	MAGNESIUM	1230		UG/L	II	60	70	27	37		
	W83M3A	08/23/2000	IM40MB	POTASSIUM	637		UG/L	II	60	70	27	37		
	W83M3A	08/23/2000	IM40MB	SODIUM	5820		UG/L	II	60	70	27	37	20000	
	W83M3A	08/23/2000	OC21V	CHLOROFORM	2		UG/L	II	60	70	27	37	80	
	W83M3A	08/23/2000	OL21P	{ND on all 28} analytes				II	60	70	27	37		
	W83M3A	08/23/2000	SW8270	{ND on all 77} analytes				II	60	70	27	37		
	W83M3A	08/23/2000	TOC	{ND on all 1} analytes				II	60	70	27	37		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W83M3A	08/27/2001	8151	{ND on all 18} analytes				II	60	70	27	37		
	W83M3A	08/27/2001	8330NX	{ND on all 22} analytes				II	60	70	27	37		
	W83M3A	08/27/2001	E314.0	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	08/27/2001	IM40HD	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	08/27/2001	IM40HG	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	08/27/2001	IM40MB	BORON	8		UG/L	II	60	70	27	37	600	
	W83M3A	08/27/2001	IM40MB	CALCIUM	1580		UG/L	II	60	70	27	37		
	W83M3A	08/27/2001	IM40MB	MAGNESIUM	1180		UG/L	II	60	70	27	37		
	W83M3A	08/27/2001	IM40MB	POTASSIUM	604		UG/L	II	60	70	27	37		
	W83M3A	08/27/2001	IM40MB	SODIUM	5840		UG/L	II	60	70	27	37	20000	
	W83M3A	08/27/2001	OC21V	CHLOROFORM	2		UG/L	II	60	70	27	37	80	
	W83M3A	08/27/2001	OL21P	{ND on all 28} analytes				II	60	70	27	37		
	W83M3A	08/27/2001	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.26	J	UG/L	II	60	70	27	37	6	
	W83M3A	08/10/2002	8151	{ND on all 16} analytes				II	60	70	27	37		
	W83M3A	08/10/2002	8330NX	{ND on all 22} analytes				II	60	70	27	37		
	W83M3A	08/10/2002	E314.0	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	08/10/2002	IM40HD	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	08/10/2002	IM40HG	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	08/10/2002	IM40MB	CALCIUM	1500		UG/L	II	60	70	27	37		
	W83M3A	08/10/2002	IM40MB	COPPER	2.2	J	UG/L	II	60	70	27	37	1300	
	W83M3A	08/10/2002	IM40MB	MAGNESIUM	1100		UG/L	II	60	70	27	37		
	W83M3A	08/10/2002	IM40MB	MANGANESE	1	J	UG/L	II	60	70	27	37		
	W83M3A	08/10/2002	IM40MB	POTASSIUM	414		UG/L	II	60	70	27	37		
	W83M3A	08/10/2002	IM40MB	SODIUM	5500		UG/L	II	60	70	27	37	20000	
	W83M3A	08/10/2002	OC21V	CHLOROFORM	2		UG/L	II	60	70	27	37	80	
	W83M3A	08/10/2002	SW8270	{ND on all 78} analytes				II	60	70	27	37		
	W83M3A	01/09/2003	E314.0	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	04/22/2003	E314.0	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	10/20/2003	8151	{ND on all 18} analytes				II	60	70	27	37		
	W83M3A	10/20/2003	6020SB	{ND on all 2} analytes				II	60	70	27	37		
	W83M3A	10/20/2003	8330NX	{ND on all 22} analytes				II	60	70	27	37		
	W83M3A	10/20/2003	E314.0	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	10/20/2003	IM40HD	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	10/20/2003	IM40HG	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	10/20/2003	IM40MB	BORON	7.7	J	UG/L	II	60	70	27	37	600	
	W83M3A	10/20/2003	IM40MB	CALCIUM	1480		UG/L	II	60	70	27	37		
	W83M3A	10/20/2003	IM40MB	MAGNESIUM	1110		UG/L	II	60	70	27	37		
	W83M3A	10/20/2003	IM40MB	POTASSIUM	453	J	UG/L	II	60	70	27	37		
	W83M3A	10/20/2003	IM40MB	SODIUM	5390		UG/L	II	60	70	27	37	20000	
	W83M3A	10/20/2003	OC21V	CHLOROFORM	2		UG/L	II	60	70	27	37	80	
	W83M3A	10/20/2003	SW8270	{ND on all 77} analytes				II	60	70	27	37		
	W83M3A	01/14/2004	E314.0	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	05/11/2004	E314.0	{ND on all 1} analytes				II	60	70	27	37		
	W83M3D	05/11/2004	E314.0	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	08/26/2004	6020SB	{ND on all 2} analytes				3	60	70	27	37		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W83M3A	08/26/2004	8330N	{ND on all 19} analytes				3	60	70	27	37		
	W83M3A	08/26/2004	E314.0	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	08/26/2004	IM40HD	{ND on all 1} analytes				3	60	70	27	37		
	W83M3A	08/26/2004	IM40HG	{ND on all 1} analytes				3	60	70	27	37		
	W83M3A	08/26/2004	IM40MBM	BORON	5.4	J	UG/L	3	60	70	27	37	600	
	W83M3A	08/26/2004	IM40MBM	CALCIUM	1610		UG/L	3	60	70	27	37		
	W83M3A	08/26/2004	IM40MBM	MAGNESIUM	1170		UG/L	3	60	70	27	37		
	W83M3A	08/26/2004	IM40MBM	MANGANESE	0.86	J	UG/L	3	60	70	27	37		
	W83M3A	08/26/2004	IM40MBM	POTASSIUM	702		UG/L	3	60	70	27	37		
	W83M3A	08/26/2004	IM40MBM	SODIUM	5890		UG/L	3	60	70	27	37	20000	
	W83M3A	08/26/2004	OC21VM	CHLOROFORM	2		UG/L	3	60	70	27	37	80	
	W83M3A	08/26/2004	SW8270	{ND on all 77} analytes				3	60	70	27	37		
	W83M3A	01/10/2005	E314.0	{ND on all 1} analytes				3	60	70	27	37		
	W83M3A	05/19/2005	E314.0	{ND on all 1} analytes				II	60	70	27	37		
	W83M3D	05/19/2005	E314.0	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	08/11/2005	6020SB	{ND on all 2} analytes				II	60	70	27	37		
	W83M3A	08/11/2005	8330N	{ND on all 19} analytes				II	60	70	27	37		
	W83M3A	08/11/2005	E314.0	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	08/11/2005	IM40HG	{ND on all 1} analytes				II	60	70	27	37		
	W83M3A	08/11/2005	IM40MBM	BORON	10.1	J	UG/L	II	60	70	27	37	600	
	W83M3A	08/11/2005	IM40MBM	CALCIUM	1470	J	UG/L	II	60	70	27	37		
	W83M3A	08/11/2005	IM40MBM	MAGNESIUM	1130	J	UG/L	II	60	70	27	37		
	W83M3A	08/11/2005	IM40MBM	POTASSIUM	1270	J	UG/L	II	60	70	27	37		
	W83M3A	08/11/2005	IM40MBM	SODIUM	5620		UG/L	II	60	70	27	37	20000	
	W83M3A	08/11/2005	OC21VM	CHLOROFORM	2		UG/L	II	60	70	27	37	80	
	W83M3A	08/11/2005	SW8270	{ND on all 76} analytes				II	60	70	27	37		
	W83M3A	12/23/2005	E314.0	{ND on all 1} analytes				II	60	70	27	37		
MW-83S	W83SSA	10/14/1999	300.0	CHLORIDE (AS CL)	8.3		MG/L	II	33	43	0	10		
	W83SSA	10/14/1999	300.0	SULFATE (AS SO4)	5.6		MG/L	II	33	43	0	10		
	W83SSA	10/14/1999	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	33	43	0	10		
	W83SSA	10/14/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	33	43	0	10		
	W83SSA	10/14/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	II	33	43	0	10		
	W83SSA	10/14/1999	504	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	10/14/1999	8151	{ND on all 16} analytes				II	33	43	0	10		
	W83SSA	10/14/1999	350.2M	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	10/14/1999	353.2M	NITRATE/NITRITE (AS N)	0.03		MG/L	II	33	43	0	10	10	
	W83SSA	10/14/1999	8021W	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	10/14/1999	8330N	{ND on all 18} analytes				II	33	43	0	10		
	W83SSA	10/14/1999	CYAN	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	10/14/1999	IM40HD	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	10/14/1999	IM40HG	MERCURY	0.11	J	UG/L	II	33	43	0	10	2	
	W83SSA	10/14/1999	IM40MB	CALCIUM	1730		UG/L	II	33	43	0	10		
	W83SSA	10/14/1999	IM40MB	MAGNESIUM	1150		UG/L	II	33	43	0	10		
	W83SSA	10/14/1999	IM40MB	MANGANESE	76.6		UG/L	II	33	43	0	10		
	W83SSA	10/14/1999	IM40MB	SODIUM	5550		UG/L	II	33	43	0	10	20000	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W83SSA	10/14/1999	OC21B	{ND on all 64} analytes				II	33	43	0	10		
	W83SSA	10/14/1999	OC21V	CHLOROFORM	1		UG/L	II	33	43	0	10	80	
	W83SSA	10/14/1999	OL21P	{ND on all 28} analytes				II	33	43	0	10		
	W83SSA	10/14/1999	TOC	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	01/13/2000	300.0	CHLORIDE (AS CL)	8.1		MG/L	II	33	43	0	10		
	W83SSA	01/13/2000	300.0	SULFATE (AS SO4)	11.8		MG/L	II	33	43	0	10		
	W83SSA	01/13/2000	310.1	{ND on all 4} analytes				II	33	43	0	10		
	W83SSA	01/13/2000	365.2	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	01/13/2000	504	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	01/13/2000	8151	{ND on all 18} analytes				II	33	43	0	10		
	W83SSA	01/13/2000	350.2M	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	01/13/2000	353.2M	NITRATE/NITRITE (AS N)	0.05		MG/L	II	33	43	0	10	10	
	W83SSA	01/13/2000	8021W	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	01/13/2000	8330N	{ND on all 18} analytes				II	33	43	0	10		
	W83SSA	01/13/2000	CYAN	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	01/13/2000	IM40HD	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	01/13/2000	IM40HG	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	01/13/2000	IM40MB	CALCIUM	1680		UG/L	II	33	43	0	10		
	W83SSA	01/13/2000	IM40MB	LEAD	1.7	J	UG/L	II	33	43	0	10	15	
	W83SSA	01/13/2000	IM40MB	MAGNESIUM	1210		UG/L	II	33	43	0	10		
	W83SSA	01/13/2000	IM40MB	MANGANESE	60.8		UG/L	II	33	43	0	10		
	W83SSA	01/13/2000	IM40MB	POTASSIUM	848		UG/L	II	33	43	0	10		
	W83SSA	01/13/2000	IM40MB	SODIUM	5940		UG/L	II	33	43	0	10	20000	
	W83SSA	01/13/2000	IM40MB	THALLIUM	3.6	J	UG/L	II	33	43	0	10	2	X
	W83SSA	01/13/2000	IM40MB	ZINC	8.6		UG/L	II	33	43	0	10	2000	
	W83SSA	01/13/2000	OC21B	{ND on all 64} analytes				II	33	43	0	10		
	W83SSA	01/13/2000	OC21V	CHLOROFORM	2		UG/L	II	33	43	0	10	80	
	W83SSA	01/13/2000	OL21P	{ND on all 28} analytes				II	33	43	0	10		
	W83SSA	04/13/2000	300.0	CHLORIDE (AS CL)	8.4	J	MG/L	II	33	43	0	10		
	W83SSA	04/13/2000	300.0	SULFATE (AS SO4)	6.3	J	MG/L	II	33	43	0	10		
	W83SSA	04/13/2000	310.1	ALKALINITY, BICARBONATE (AS C	5		MG/L	II	33	43	0	10		
	W83SSA	04/13/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	5		MG/L	II	33	43	0	10		
	W83SSA	04/13/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.02		MG/L	II	33	43	0	10		
	W83SSA	04/13/2000	504	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	04/13/2000	8151	{ND on all 15} analytes				II	33	43	0	10		
	W83SSA	04/13/2000	350.2M	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	04/13/2000	353.2M	NITRATE/NITRITE (AS N)	0.06		MG/L	II	33	43	0	10	10	
	W83SSA	04/13/2000	8021W	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	04/13/2000	8330N	{ND on all 19} analytes				II	33	43	0	10		
	W83SSA	04/13/2000	CYAN	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	04/13/2000	IM40HD	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	04/13/2000	IM40HG	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	04/13/2000	IM40MB	BORON	5.8	J	UG/L	II	33	43	0	10	600	
	W83SSA	04/13/2000	IM40MB	CALCIUM	1680		UG/L	II	33	43	0	10		
	W83SSA	04/13/2000	IM40MB	MAGNESIUM	1130		UG/L	II	33	43	0	10		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W83SSA	04/13/2000	IM40MB	MANGANESE	33.7		UG/L	II	33	43	0	10		
	W83SSA	04/13/2000	IM40MB	POTASSIUM	429	J	UG/L	II	33	43	0	10		
	W83SSA	04/13/2000	IM40MB	SODIUM	6240		UG/L	II	33	43	0	10	20000	
	W83SSA	04/13/2000	OC21B	{ND on all 64} analytes				II	33	43	0	10		
	W83SSA	04/13/2000	OC21V	{ND on all 44} analytes				II	33	43	0	10		
	W83SSA	04/13/2000	OL21P	{ND on all 28} analytes				II	33	43	0	10		
	W83SSA	04/13/2000	TOC	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	08/24/2000	300.0	CHLORIDE (AS CL)	8.2		MG/L	II	33	43	0	10		
	W83SSA	08/24/2000	300.0	SULFATE (AS SO4)	5.5		MG/L	II	33	43	0	10		
	W83SSA	08/24/2000	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	33	43	0	10		
	W83SSA	08/24/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	33	43	0	10		
	W83SSA	08/24/2000	365.2	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	08/24/2000	504	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	08/24/2000	8151	{ND on all 16} analytes				II	33	43	0	10		
	W83SSA	08/24/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.04	J	MG/L	II	33	43	0	10	30	
	W83SSA	08/24/2000	353.2M	NITRATE/NITRITE (AS N)	0.06		MG/L	II	33	43	0	10	10	
	W83SSA	08/24/2000	8021W	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	08/24/2000	8330N	{ND on all 19} analytes				II	33	43	0	10		
	W83SSA	08/24/2000	CYAN	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	08/24/2000	E314.0	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	08/24/2000	IM40HD	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	08/24/2000	IM40HG	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	08/24/2000	IM40MB	CALCIUM	1770		UG/L	II	33	43	0	10		
	W83SSA	08/24/2000	IM40MB	IRON	40.2	J	UG/L	II	33	43	0	10		
	W83SSA	08/24/2000	IM40MB	MAGNESIUM	1240		UG/L	II	33	43	0	10		
	W83SSA	08/24/2000	IM40MB	MANGANESE	18.6		UG/L	II	33	43	0	10		
	W83SSA	08/24/2000	IM40MB	MOLYBDENUM	3.6	J	UG/L	II	33	43	0	10	40	
	W83SSA	08/24/2000	IM40MB	POTASSIUM	659	J	UG/L	II	33	43	0	10		
	W83SSA	08/24/2000	IM40MB	SODIUM	6130		UG/L	II	33	43	0	10	20000	
	W83SSA	08/24/2000	OC21V	CHLOROFORM	2		UG/L	II	33	43	0	10	80	
	W83SSA	08/24/2000	OL21P	{ND on all 28} analytes				II	33	43	0	10		
	W83SSA	08/24/2000	SW8270	{ND on all 76} analytes				II	33	43	0	10		
	W83SSA	08/24/2000	TOC	TOTAL ORGANIC CARBON	0.8		MG/L	II	33	43	0	10		
	W83SSA	08/23/2001	8151	{ND on all 18} analytes				II	33	43	0	10		
	W83SSA	08/23/2001	8330NX	{ND on all 22} analytes				II	33	43	0	10		
	W83SSA	08/23/2001	E314.0	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	08/23/2001	ILSBTL	{ND on all 1} analytes				3	33	43	0	10		
	W83SSA	08/23/2001	IM40HD	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	08/23/2001	IM40HG	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	08/23/2001	IM40MB	ALUMINUM	159		UG/L	II	33	43	0	10		
	W83SSA	08/23/2001	IM40MB	BARIUM	15.3		UG/L	II	33	43	0	10	2000	
	W83SSA	08/23/2001	IM40MB	CALCIUM	2100		UG/L	II	33	43	0	10		
	W83SSA	08/23/2001	IM40MB	CHROMIUM, TOTAL	3.6	J	UG/L	II	33	43	0	10	100	
	W83SSA	08/23/2001	IM40MB	IRON	1420	J	UG/L	II	33	43	0	10		
	W83SSA	08/23/2001	IM40MB	MAGNESIUM	1590		UG/L	II	33	43	0	10		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W83SSA	08/23/2001	IM40MB	MANGANESE	17.2		UG/L	II	33	43	0	10		
	W83SSA	08/23/2001	IM40MB	NICKEL	3.9		UG/L	II	33	43	0	10	100	
	W83SSA	08/23/2001	IM40MB	POTASSIUM	603	J	UG/L	II	33	43	0	10		
	W83SSA	08/23/2001	IM40MB	SODIUM	6220		UG/L	II	33	43	0	10	20000	
	W83SSA	08/23/2001	IM40MB	ZINC	33.4		UG/L	II	33	43	0	10	2000	
	W83SSA	08/23/2001	OC21V	CHLOROFORM	2		UG/L	II	33	43	0	10	80	
	W83SSA	08/23/2001	OL21P	{ND on all 28} analytes				II	33	43	0	10		
	W83SSA	08/23/2001	SW8270	{ND on all 76} analytes				II	33	43	0	10		
	W83SSA	01/09/2003	E314.0	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	04/22/2003	E314.0	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	10/20/2003	8151	{ND on all 18} analytes				II	33	43	0	10		
	W83SSA	10/20/2003	6020SB	{ND on all 2} analytes				II	33	43	0	10		
	W83SSA	10/20/2003	8330NX	{ND on all 22} analytes				II	33	43	0	10		
	W83SSA	10/20/2003	E314.0	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	10/20/2003	IM40HD	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	10/20/2003	IM40HG	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	10/20/2003	IM40MB	ARSENIC	5.8	J	UG/L	II	33	43	0	10	10	
	W83SSA	10/20/2003	IM40MB	BORON	7.7	J	UG/L	II	33	43	0	10	600	
	W83SSA	10/20/2003	IM40MB	CALCIUM	1960		UG/L	II	33	43	0	10		
	W83SSA	10/20/2003	IM40MB	MAGNESIUM	1200		UG/L	II	33	43	0	10		
	W83SSA	10/20/2003	IM40MB	MANGANESE	5.8		UG/L	II	33	43	0	10		
	W83SSA	10/20/2003	IM40MB	POTASSIUM	488	J	UG/L	II	33	43	0	10		
	W83SSA	10/20/2003	IM40MB	SODIUM	5860		UG/L	II	33	43	0	10	20000	
	W83SSA	10/20/2003	IM40MB	ZINC	18.1		UG/L	II	33	43	0	10	2000	
	W83SSA	10/20/2003	OC21V	CHLOROFORM	2		UG/L	II	33	43	0	10	80	
	W83SSA	10/20/2003	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.28	J	UG/L	II	33	43	0	10	6	
	W83SSA	01/20/2004	E314.0	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	05/11/2004	E314.0	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	08/27/2004	6020SB	{ND on all 2} analytes				3	33	43	0	10		
	W83SSA	08/27/2004	8330N	{ND on all 19} analytes				3	33	43	0	10		
	W83SSA	08/27/2004	E314.0	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	08/27/2004	IM40HD	{ND on all 1} analytes				3	33	43	0	10		
	W83SSA	08/27/2004	IM40HG	{ND on all 1} analytes				3	33	43	0	10		
	W83SSA	08/27/2004	IM40MBM	BORON	7.8		UG/L	3	33	43	0	10	600	
	W83SSA	08/27/2004	IM40MBM	CALCIUM	2080		UG/L	3	33	43	0	10		
	W83SSA	08/27/2004	IM40MBM	LEAD	1.6	J	UG/L	3	33	43	0	10	15	
	W83SSA	08/27/2004	IM40MBM	MAGNESIUM	1330		UG/L	3	33	43	0	10		
	W83SSA	08/27/2004	IM40MBM	MANGANESE	1.3		UG/L	3	33	43	0	10		
	W83SSA	08/27/2004	IM40MBM	POTASSIUM	740		UG/L	3	33	43	0	10		
	W83SSA	08/27/2004	IM40MBM	SODIUM	7000		UG/L	3	33	43	0	10	20000	
	W83SSA	08/27/2004	OC21VM	CHLOROFORM	2		UG/L	3	33	43	0	10	80	
	W83SSA	08/27/2004	SW8270	{ND on all 77} analytes				3	33	43	0	10		
	W83SSA	01/10/2005	E314.0	{ND on all 1} analytes				3	33	43	0	10		
	W83SSA	05/19/2005	E314.0	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	08/11/2005	6020SB	{ND on all 2} analytes				II	33	43	0	10		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W83SSA	08/11/2005	8330N	{ND on all 19} analytes				II	33	43	0	10		
	W83SSA	08/11/2005	E314.0	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	08/11/2005	IM40HG	{ND on all 1} analytes				II	33	43	0	10		
	W83SSA	08/11/2005	IM40MBM	ARSENIC	4.1	J	UG/L	II	33	43	0	10	10	
	W83SSA	08/11/2005	IM40MBM	CALCIUM	1840	J	UG/L	II	33	43	0	10		
	W83SSA	08/11/2005	IM40MBM	MAGNESIUM	1130	J	UG/L	II	33	43	0	10		
	W83SSA	08/11/2005	IM40MBM	POTASSIUM	1340	J	UG/L	II	33	43	0	10		
	W83SSA	08/11/2005	IM40MBM	SODIUM	5370		UG/L	II	33	43	0	10	20000	
	W83SSA	08/11/2005	OC21VM	CHLOROFORM	2		UG/L	II	33	43	0	10	80	
	W83SSA	08/11/2005	OC21VM	CHLOROMETHANE	0.3	J	UG/L	II	33	43	0	10	30	
	W83SSA	08/11/2005	SW8270	{ND on all 76} analytes				II	33	43	0	10		
	W83SSA	12/23/2005	E314.0	{ND on all 1} analytes				II	33	43	0	10		
MW-84D	W84DDA	11/10/1999	300.0	CHLORIDE (AS CL)	7.7		MG/L	II	190	200	153	163		
	W84DDA	11/10/1999	300.0	SULFATE (AS SO4)	6.6		MG/L	II	190	200	153	163		
	W84DDA	11/10/1999	310.1	ALKALINITY, BICARBONATE (AS C	17		MG/L	II	190	200	153	163		
	W84DDA	11/10/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	17		MG/L	II	190	200	153	163		
	W84DDA	11/10/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.05		MG/L	II	190	200	153	163		
	W84DDA	11/10/1999	504	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	11/10/1999	8151	{ND on all 16} analytes				II	190	200	153	163		
	W84DDA	11/10/1999	350.2M	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	11/10/1999	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	190	200	153	163	10	
	W84DDA	11/10/1999	8021W	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	11/10/1999	8330N	{ND on all 18} analytes				II	190	200	153	163		
	W84DDA	11/10/1999	CYAN	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	11/10/1999	IM40HD	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	11/10/1999	IM40HG	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	11/10/1999	IM40MB	BORON	8.2		UG/L	II	190	200	153	163	600	
	W84DDA	11/10/1999	IM40MB	CALCIUM	4300		UG/L	II	190	200	153	163		
	W84DDA	11/10/1999	IM40MB	IRON	186		UG/L	II	190	200	153	163		
	W84DDA	11/10/1999	IM40MB	MAGNESIUM	1920		UG/L	II	190	200	153	163		
	W84DDA	11/10/1999	IM40MB	MANGANESE	8.7		UG/L	II	190	200	153	163		
	W84DDA	11/10/1999	IM40MB	POTASSIUM	1080		UG/L	II	190	200	153	163		
	W84DDA	11/10/1999	IM40MB	SODIUM	7570		UG/L	II	190	200	153	163	20000	
	W84DDA	11/10/1999	OC21B	{ND on all 64} analytes				II	190	200	153	163		
	W84DDA	11/10/1999	OC21V	{ND on all 43} analytes				II	190	200	153	163		
	W84DDA	11/10/1999	OL21P	{ND on all 28} analytes				II	190	200	153	163		
	W84DDA	11/10/1999	TOC	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	03/03/2000	300.0	CHLORIDE (AS CL)	8.7		MG/L	II	190	200	153	163		
	W84DDA	03/03/2000	300.0	SULFATE (AS SO4)	7.6		MG/L	II	190	200	153	163		
	W84DDA	03/03/2000	310.1	ALKALINITY, BICARBONATE (AS C	14		MG/L	II	190	200	153	163		
	W84DDA	03/03/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	14		MG/L	II	190	200	153	163		
	W84DDA	03/03/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.06	J	MG/L	II	190	200	153	163		
	W84DDA	03/03/2000	504	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	03/03/2000	8151	{ND on all 17} analytes				II	190	200	153	163		
	W84DDA	03/03/2000	350.2M	{ND on all 1} analytes				II	190	200	153	163		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W84DDA	03/03/2000	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	190	200	153	163	10	
	W84DDA	03/03/2000	8021W	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	03/03/2000	8330N	{ND on all 18} analytes				II	190	200	153	163		
	W84DDA	03/03/2000	CYAN	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	03/03/2000	IM40HD	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	03/03/2000	IM40HG	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	03/03/2000	IM40MB	BORON	9.7	J	UG/L	II	190	200	153	163	600	
	W84DDA	03/03/2000	IM40MB	CALCIUM	4260		UG/L	II	190	200	153	163		
	W84DDA	03/03/2000	IM40MB	IRON	480		UG/L	II	190	200	153	163		
	W84DDA	03/03/2000	IM40MB	MAGNESIUM	1940		UG/L	II	190	200	153	163		
	W84DDA	03/03/2000	IM40MB	MANGANESE	11.7		UG/L	II	190	200	153	163		
	W84DDA	03/03/2000	IM40MB	POTASSIUM	1380		UG/L	II	190	200	153	163		
	W84DDA	03/03/2000	IM40MB	SODIUM	7580		UG/L	II	190	200	153	163	20000	
	W84DDA	03/03/2000	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	30		UG/L	II	190	200	153	163	6	X
	W84DDA	03/03/2000	OC21V	{ND on all 44} analytes				II	190	200	153	163		
	W84DDA	03/03/2000	OL21P	{ND on all 28} analytes				II	190	200	153	163		
	W84DDA	03/03/2000	TOC	TOTAL ORGANIC CARBON	0.7	J	MG/L	II	190	200	153	163		
	W84DDA	07/07/2000	300.0	CHLORIDE (AS CL)	8.4		MG/L	II	190	200	153	163		
	W84DDA	07/07/2000	300.0	SULFATE (AS SO4)	7.2		MG/L	II	190	200	153	163		
	W84DDA	07/07/2000	310.1	ALKALINITY, BICARBONATE (AS C	16		MG/L	II	190	200	153	163		
	W84DDA	07/07/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	16		MG/L	II	190	200	153	163		
	W84DDA	07/07/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.07		MG/L	II	190	200	153	163		
	W84DDA	07/07/2000	504	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	07/07/2000	8151	{ND on all 16} analytes				II	190	200	153	163		
	W84DDA	07/07/2000	350.2M	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	07/07/2000	353.2M	NITRATE/NITRITE (AS N)	0.04		MG/L	II	190	200	153	163	10	
	W84DDA	07/07/2000	8021W	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	07/07/2000	8330N	{ND on all 19} analytes				II	190	200	153	163		
	W84DDA	07/07/2000	CYAN	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	07/07/2000	IM40HD	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	07/07/2000	IM40HG	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	07/07/2000	IM40MB	CALCIUM	4460		UG/L	II	190	200	153	163		
	W84DDA	07/07/2000	IM40MB	IRON	168	J	UG/L	II	190	200	153	163		
	W84DDA	07/07/2000	IM40MB	MAGNESIUM	2000		UG/L	II	190	200	153	163		
	W84DDA	07/07/2000	IM40MB	MANGANESE	2.3	J	UG/L	II	190	200	153	163		
	W84DDA	07/07/2000	IM40MB	POTASSIUM	1240		UG/L	II	190	200	153	163		
	W84DDA	07/07/2000	IM40MB	SELENIUM	2.9	J	UG/L	II	190	200	153	163	50	
	W84DDA	07/07/2000	IM40MB	SODIUM	6950		UG/L	II	190	200	153	163	20000	
	W84DDA	07/07/2000	OC21B	{ND on all 64} analytes				II	190	200	153	163		
	W84DDA	07/07/2000	OC21V	{ND on all 44} analytes				II	190	200	153	163		
	W84DDA	07/07/2000	OL21P	{ND on all 28} analytes				II	190	200	153	163		
	W84DDA	07/07/2000	TOC	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	08/28/2000	300.0	CHLORIDE (AS CL)	7.8		MG/L	II	190	200	153	163		
	W84DDA	08/28/2000	300.0	SULFATE (AS SO4)	6.8		MG/L	II	190	200	153	163		
	W84DDA	08/28/2000	310.1	ALKALINITY, BICARBONATE (AS C	17		MG/L	II	190	200	153	163		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W84DDA	08/28/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	17		MG/L	II	190	200	153	163		
	W84DDA	08/28/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.07		MG/L	II	190	200	153	163		
	W84DDA	08/28/2000	504	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	08/28/2000	8151	{ND on all 16} analytes				II	190	200	153	163		
	W84DDA	08/28/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.04	J	MG/L	II	190	200	153	163	30	
	W84DDA	08/28/2000	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	190	200	153	163	10	
	W84DDA	08/28/2000	8021W	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	08/28/2000	8330N	{ND on all 19} analytes				II	190	200	153	163		
	W84DDA	08/28/2000	CYAN	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	08/28/2000	E314.0	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	08/28/2000	IM40HD	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	08/28/2000	IM40HG	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	08/28/2000	IM40MB	CALCIUM	4010		UG/L	II	190	200	153	163		
	W84DDA	08/28/2000	IM40MB	IRON	28.1	J	UG/L	II	190	200	153	163		
	W84DDA	08/28/2000	IM40MB	MAGNESIUM	1940		UG/L	II	190	200	153	163		
	W84DDA	08/28/2000	IM40MB	MANGANESE	1.5		UG/L	II	190	200	153	163		
	W84DDA	08/28/2000	IM40MB	POTASSIUM	1110		UG/L	II	190	200	153	163		
	W84DDA	08/28/2000	IM40MB	SODIUM	7290		UG/L	II	190	200	153	163	20000	
	W84DDA	08/28/2000	IM40MB	ZINC	2.2	J	UG/L	II	190	200	153	163	2000	
	W84DDA	08/28/2000	OC21V	CHLOROFORM	0.2	J	UG/L	II	190	200	153	163	80	
	W84DDA	08/28/2000	OL21P	{ND on all 28} analytes				II	190	200	153	163		
	W84DDA	08/28/2000	SW8270	{ND on all 76} analytes				II	190	200	153	163		
	W84DDA	08/28/2000	TOC	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	08/23/2001	8151	{ND on all 18} analytes				II	190	200	153	163		
	W84DDA	08/23/2001	8330NX	2,6-DINITROTOLUENE	1.9	J	UG/L	II	190	200	153	163	5	
	W84DDA	08/23/2001	E314.0	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	08/23/2001	ILSBTL	{ND on all 1} analytes				3	190	200	153	163		
	W84DDA	08/23/2001	IM40HD	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	08/23/2001	IM40HG	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	08/23/2001	IM40MB	BORON	8.2		UG/L	II	190	200	153	163	600	
	W84DDA	08/23/2001	IM40MB	CALCIUM	4400		UG/L	II	190	200	153	163		
	W84DDA	08/23/2001	IM40MB	MAGNESIUM	1900		UG/L	II	190	200	153	163		
	W84DDA	08/23/2001	IM40MB	MANGANESE	1.2	J	UG/L	II	190	200	153	163		
	W84DDA	08/23/2001	IM40MB	NICKEL	2.2	J	UG/L	II	190	200	153	163	100	
	W84DDA	08/23/2001	IM40MB	POTASSIUM	1230		UG/L	II	190	200	153	163		
	W84DDA	08/23/2001	IM40MB	SODIUM	8220		UG/L	II	190	200	153	163	20000	
	W84DDA	08/23/2001	IM40MB	THALLIUM	4	J	UG/L	II	190	200	153	163	2	X
	W84DDA	08/23/2001	OC21V	CHLOROFORM	0.2	J	UG/L	II	190	200	153	163	80	
	W84DDA	08/23/2001	OL21P	{ND on all 28} analytes				II	190	200	153	163		
	W84DDA	08/23/2001	SW8270	{ND on all 76} analytes				II	190	200	153	163		
	W84DDA	12/20/2001	8330NX	{ND on all 22} analytes				II	190	200	153	163		
	W84DDA	12/20/2001	SW8270	{ND on all 76} analytes				II	190	200	153	163		
	W84DDA	06/07/2002	8330N	{ND on all 19} analytes				II	190	200	153	163		
	W84DDA	06/07/2002	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.31	J	UG/L	II	190	200	153	163	6	
	W84DDA	08/15/2002	8151	{ND on all 17} analytes				II	190	200	153	163		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W84DDA	08/15/2002	8330N	{ND on all 19} analytes				II	190	200	153	163		
	W84DDA	08/15/2002	E314.0	{ND on all 1} analytes				3	190	200	153	163		
	W84DDA	08/15/2002	IM40HD	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	08/15/2002	IM40HG	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	08/15/2002	IM40MB	CALCIUM	4170		UG/L	II	190	200	153	163		
	W84DDA	08/15/2002	IM40MB	CHROMIUM, TOTAL	1	J	UG/L	II	190	200	153	163	100	
	W84DDA	08/15/2002	IM40MB	COPPER	1.9	J	UG/L	II	190	200	153	163	1300	
	W84DDA	08/15/2002	IM40MB	MAGNESIUM	1770		UG/L	II	190	200	153	163		
	W84DDA	08/15/2002	IM40MB	MANGANESE	0.58	J	UG/L	II	190	200	153	163		
	W84DDA	08/15/2002	IM40MB	POTASSIUM	1250		UG/L	II	190	200	153	163		
	W84DDA	08/15/2002	IM40MB	SODIUM	7290		UG/L	II	190	200	153	163	20000	
	W84DDA	08/15/2002	OC21V	CHLOROFORM	0.2	J	UG/L	II	190	200	153	163	80	
	W84DDA	08/15/2002	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.31	J	UG/L	II	190	200	153	163	6	
	W84DDA	01/09/2003	8330N	{ND on all 19} analytes				II	190	200	153	163		
	W84DDA	01/09/2003	E314.0	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	01/09/2003	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.3	J	UG/L	II	190	200	153	163	6	
	W84DDA	06/04/2003	E314.0	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	11/25/2003	8151	{ND on all 18} analytes				3	190	200	153	163		
	W84DDA	11/25/2003	6020SB	{ND on all 2} analytes				3	190	200	153	163		
	W84DDA	11/25/2003	8330N	{ND on all 19} analytes				3	190	200	153	163		
	W84DDA	11/25/2003	E314.0	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	11/25/2003	IM40HD	{ND on all 1} analytes				3	190	200	153	163		
	W84DDA	11/25/2003	IM40HG	{ND on all 1} analytes				3	190	200	153	163		
	W84DDA	11/25/2003	IM40MB	CALCIUM	4260		UG/L	3	190	200	153	163		
	W84DDA	11/25/2003	IM40MB	MAGNESIUM	1820		UG/L	3	190	200	153	163		
	W84DDA	11/25/2003	IM40MB	POTASSIUM	991	J	UG/L	3	190	200	153	163		
	W84DDA	11/25/2003	IM40MB	SODIUM	7390		UG/L	3	190	200	153	163	20000	
	W84DDA	11/25/2003	OC21V	CHLOROFORM	0.2	J	UG/L	3	190	200	153	163	80	
	W84DDA	11/25/2003	SW8270	{ND on all 78} analytes				3	190	200	153	163		
	W84DDA	01/29/2004	8330N	{ND on all 19} analytes				II	190	200	153	163		
	W84DDA	01/29/2004	E314.0	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	01/29/2004	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.41	J	UG/L	II	190	200	153	163	6	
	W84DDA	05/10/2004	E314.0	{ND on all 1} analytes				3	190	200	153	163		
	W84DDA	10/07/2004	6020SB	{ND on all 2} analytes				II	190	200	153	163		
	W84DDA	10/07/2004	8330N	{ND on all 19} analytes				II	190	200	153	163		
	W84DDA	10/07/2004	E314.0	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	10/07/2004	IM40HD	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	10/07/2004	IM40HG	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	10/07/2004	IM40MBM	BORON	7.3	J	UG/L	II	190	200	153	163	600	
	W84DDA	10/07/2004	IM40MBM	CALCIUM	4460		UG/L	II	190	200	153	163		
	W84DDA	10/07/2004	IM40MBM	MAGNESIUM	1950		UG/L	II	190	200	153	163		
	W84DDA	10/07/2004	IM40MBM	SODIUM	7680		UG/L	II	190	200	153	163	20000	
	W84DDA	10/07/2004	IM40MBM	ZINC	2.1	J	UG/L	II	190	200	153	163	2000	
	W84DDA	10/07/2004	OC21VM	CHLOROFORM	0.2	J	UG/L	II	190	200	153	163	80	
	W84DDA	10/07/2004	SW8270	{ND on all 78} analytes				II	190	200	153	163		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W84DDA	01/19/2005	E314.0	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	05/27/2005	E314.0	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	08/25/2005	6020SB	{ND on all 2} analytes				II	190	200	153	163		
	W84DDA	08/25/2005	8330N	{ND on all 19} analytes				II	190	200	153	163		
	W84DDA	08/25/2005	E314.0	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	08/25/2005	IM40HG	{ND on all 1} analytes				II	190	200	153	163		
	W84DDA	08/25/2005	IM40MBM	CALCIUM	4590	J	UG/L	II	190	200	153	163		
	W84DDA	08/25/2005	IM40MBM	MAGNESIUM	2130	J	UG/L	II	190	200	153	163		
	W84DDA	08/25/2005	IM40MBM	SODIUM	7670		UG/L	II	190	200	153	163	20000	
	W84DDA	08/25/2005	OC21VM	{ND on all 45} analytes				II	190	200	153	163		
	W84DDA	08/25/2005	SW8270	{ND on all 78} analytes				II	190	200	153	163		
	W84DDA	12/27/2005	E314.0	{ND on all 1} analytes				II	190	200	153	163		
MW-84M1	W84M1A	11/09/1999	300.0	CHLORIDE (AS CL)	7.7		MG/L	II	140	150	103	113		
	W84M1A	11/09/1999	300.0	SULFATE (AS SO4)	4.9		MG/L	II	140	150	103	113		
	W84M1A	11/09/1999	310.1	ALKALINITY, BICARBONATE (AS C	14		MG/L	II	140	150	103	113		
	W84M1A	11/09/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	14		MG/L	II	140	150	103	113		
	W84M1A	11/09/1999	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.03		MG/L	II	140	150	103	113		
	W84M1A	11/09/1999	504	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	11/09/1999	8151	{ND on all 17} analytes				II	140	150	103	113		
	W84M1A	11/09/1999	350.2M	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	11/09/1999	353.2M	NITRATE/NITRITE (AS N)	0.03		MG/L	II	140	150	103	113	10	
	W84M1A	11/09/1999	8021W	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	11/09/1999	8330N	{ND on all 18} analytes				II	140	150	103	113		
	W84M1A	11/09/1999	CYAN	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	11/09/1999	IM40HD	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	11/09/1999	IM40HG	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	11/09/1999	IM40MB	BORON	6.6		UG/L	II	140	150	103	113	600	
	W84M1A	11/09/1999	IM40MB	CALCIUM	3170		UG/L	II	140	150	103	113		
	W84M1A	11/09/1999	IM40MB	CHROMIUM, TOTAL	1.2	J	UG/L	II	140	150	103	113	100	
	W84M1A	11/09/1999	IM40MB	IRON	192		UG/L	II	140	150	103	113		
	W84M1A	11/09/1999	IM40MB	MAGNESIUM	1570		UG/L	II	140	150	103	113		
	W84M1A	11/09/1999	IM40MB	MANGANESE	126		UG/L	II	140	150	103	113		
	W84M1A	11/09/1999	IM40MB	MOLYBDENUM	3.5	J	UG/L	II	140	150	103	113	40	
	W84M1A	11/09/1999	IM40MB	NICKEL	5.3	J	UG/L	II	140	150	103	113	100	
	W84M1A	11/09/1999	IM40MB	POTASSIUM	867		UG/L	II	140	150	103	113		
	W84M1A	11/09/1999	IM40MB	SODIUM	6910		UG/L	II	140	150	103	113	20000	
	W84M1A	11/09/1999	OC21B	BIS(2-ETHYLHEXYL) PHTHALATE	4	J	UG/L	II	140	150	103	113	6	
	W84M1A	11/09/1999	OC21V	CHLOROFORM	0.3	J	UG/L	II	140	150	103	113	80	
	W84M1A	11/09/1999	OL21P	{ND on all 28} analytes				II	140	150	103	113		
	W84M1A	11/09/1999	TOC	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	03/06/2000	300.0	CHLORIDE (AS CL)	8.8		MG/L	II	140	150	103	113		
	W84M1A	03/06/2000	300.0	SULFATE (AS SO4)	5.6		MG/L	II	140	150	103	113		
	W84M1D	03/06/2000	300.0	CHLORIDE (AS CL)	8.8		MG/L	II	140	150	103	113		
	W84M1D	03/06/2000	300.0	SULFATE (AS SO4)	5.6		MG/L	II	140	150	103	113		
	W84M1A	03/06/2000	310.1	ALKALINITY, BICARBONATE (AS C	11		MG/L	II	140	150	103	113		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W84M1A	03/06/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	11		MG/L	II	140	150	103	113		
	W84M1D	03/06/2000	310.1	ALKALINITY, BICARBONATE (AS C	12		MG/L	II	140	150	103	113		
	W84M1D	03/06/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	12		MG/L	II	140	150	103	113		
	W84M1A	03/06/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.03	J	MG/L	II	140	150	103	113		
	W84M1D	03/06/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.03	J	MG/L	II	140	150	103	113		
	W84M1A	03/06/2000	504	{ND on all 1} analytes				II	140	150	103	113		
	W84M1D	03/06/2000	504	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	03/06/2000	8151	{ND on all 17} analytes				II	140	150	103	113		
	W84M1D	03/06/2000	8151	{ND on all 17} analytes				II	140	150	103	113		
	W84M1A	03/06/2000	350.2M	{ND on all 1} analytes				II	140	150	103	113		
	W84M1D	03/06/2000	350.2M	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	03/06/2000	353.2M	NITRATE/NITRITE (AS N)	0.03		MG/L	II	140	150	103	113	10	
	W84M1D	03/06/2000	353.2M	NITRATE/NITRITE (AS N)	0.03		MG/L	II	140	150	103	113	10	
	W84M1A	03/06/2000	8021W	{ND on all 1} analytes				II	140	150	103	113		
	W84M1D	03/06/2000	8021W	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	03/06/2000	8330N	{ND on all 18} analytes				II	140	150	103	113		
	W84M1D	03/06/2000	8330N	{ND on all 18} analytes				II	140	150	103	113		
	W84M1A	03/06/2000	CYAN	{ND on all 1} analytes				II	140	150	103	113		
	W84M1D	03/06/2000	CYAN	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	03/06/2000	IM40HD	{ND on all 1} analytes				II	140	150	103	113		
	W84M1D	03/06/2000	IM40HD	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	03/06/2000	IM40HG	{ND on all 1} analytes				II	140	150	103	113		
	W84M1D	03/06/2000	IM40HG	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	03/06/2000	IM40MB	BORON	7.6	J	UG/L	II	140	150	103	113	600	
	W84M1A	03/06/2000	IM40MB	CALCIUM	3110		UG/L	II	140	150	103	113		
	W84M1A	03/06/2000	IM40MB	MAGNESIUM	1580		UG/L	II	140	150	103	113		
	W84M1A	03/06/2000	IM40MB	MANGANESE	18		UG/L	II	140	150	103	113		
	W84M1A	03/06/2000	IM40MB	MOLYBDENUM	2.1	J	UG/L	II	140	150	103	113	40	
	W84M1A	03/06/2000	IM40MB	POTASSIUM	1100		UG/L	II	140	150	103	113		
	W84M1A	03/06/2000	IM40MB	SODIUM	7060		UG/L	II	140	150	103	113	20000	
	W84M1D	03/06/2000	IM40MB	BORON	6.7	J	UG/L	II	140	150	103	113	600	
	W84M1D	03/06/2000	IM40MB	CALCIUM	3070		UG/L	II	140	150	103	113		
	W84M1D	03/06/2000	IM40MB	MAGNESIUM	1570		UG/L	II	140	150	103	113		
	W84M1D	03/06/2000	IM40MB	MANGANESE	16.9		UG/L	II	140	150	103	113		
	W84M1D	03/06/2000	IM40MB	POTASSIUM	1130		UG/L	II	140	150	103	113		
	W84M1D	03/06/2000	IM40MB	SODIUM	6920		UG/L	II	140	150	103	113	20000	
	W84M1A	03/06/2000	OC21B	{ND on all 64} analytes				II	140	150	103	113		
	W84M1D	03/06/2000	OC21B	{ND on all 64} analytes				II	140	150	103	113		
	W84M1A	03/06/2000	OC21V	{ND on all 44} analytes				II	140	150	103	113		
	W84M1D	03/06/2000	OC21V	{ND on all 44} analytes				II	140	150	103	113		
	W84M1A	03/06/2000	OL21P	{ND on all 28} analytes				II	140	150	103	113		
	W84M1D	03/06/2000	OL21P	{ND on all 28} analytes				II	140	150	103	113		
	W84M1A	03/06/2000	TOC	TOTAL ORGANIC CARBON	0.5		MG/L	II	140	150	103	113		
	W84M1D	03/06/2000	TOC	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	07/10/2000	300.0	CHLORIDE (AS CL)	7.4		MG/L	II	140	150	103	113		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W84M1A	07/10/2000	300.0	SULFATE (AS SO4)	4.8		MG/L	II	140	150	103	113		
	W84M1D	07/10/2000	300.0	CHLORIDE (AS CL)	8.4		MG/L	II	140	150	103	113		
	W84M1D	07/10/2000	300.0	SULFATE (AS SO4)	10.2		MG/L	II	140	150	103	113		
	W84M1A	07/10/2000	310.1	ALKALINITY, BICARBONATE (AS C	12		MG/L	II	140	150	103	113		
	W84M1A	07/10/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	12		MG/L	II	140	150	103	113		
	W84M1D	07/10/2000	310.1	ALKALINITY, BICARBONATE (AS C	8		MG/L	II	140	150	103	113		
	W84M1D	07/10/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	8		MG/L	II	140	150	103	113		
	W84M1A	07/10/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.05		MG/L	II	140	150	103	113		
	W84M1D	07/10/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.05		MG/L	II	140	150	103	113		
	W84M1A	07/10/2000	504	{ND on all 1} analytes				II	140	150	103	113		
	W84M1D	07/10/2000	504	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	07/10/2000	8151	{ND on all 15} analytes				II	140	150	103	113		
	W84M1D	07/10/2000	8151	{ND on all 15} analytes				II	140	150	103	113		
	W84M1A	07/10/2000	350.2M	{ND on all 1} analytes				II	140	150	103	113		
	W84M1D	07/10/2000	350.2M	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	07/10/2000	353.2M	NITRATE/NITRITE (AS N)	0.04		MG/L	II	140	150	103	113	10	
	W84M1D	07/10/2000	353.2M	NITRATE/NITRITE (AS N)	0.3		MG/L	II	140	150	103	113	10	
	W84M1A	07/10/2000	8021W	{ND on all 1} analytes				II	140	150	103	113		
	W84M1D	07/10/2000	8021W	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	07/10/2000	8330N	{ND on all 19} analytes				II	140	150	103	113		
	W84M1D	07/10/2000	8330N	{ND on all 19} analytes				II	140	150	103	113		
	W84M1A	07/10/2000	CYAN	{ND on all 1} analytes				II	140	150	103	113		
	W84M1D	07/10/2000	CYAN	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	07/10/2000	IM40HD	{ND on all 1} analytes				II	140	150	103	113		
	W84M1D	07/10/2000	IM40HD	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	07/10/2000	IM40HG	{ND on all 1} analytes				II	140	150	103	113		
	W84M1D	07/10/2000	IM40HG	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	07/10/2000	IM40MB	CALCIUM	3210		UG/L	II	140	150	103	113		
	W84M1A	07/10/2000	IM40MB	IRON	65.1	J	UG/L	II	140	150	103	113		
	W84M1A	07/10/2000	IM40MB	MAGNESIUM	1630		UG/L	II	140	150	103	113		
	W84M1A	07/10/2000	IM40MB	MANGANESE	18.1	J	UG/L	II	140	150	103	113		
	W84M1A	07/10/2000	IM40MB	POTASSIUM	878		UG/L	II	140	150	103	113		
	W84M1A	07/10/2000	IM40MB	SODIUM	5930		UG/L	II	140	150	103	113	20000	
	W84M1D	07/10/2000	IM40MB	CALCIUM	3210		UG/L	II	140	150	103	113		
	W84M1D	07/10/2000	IM40MB	IRON	53	J	UG/L	II	140	150	103	113		
	W84M1D	07/10/2000	IM40MB	MAGNESIUM	1630		UG/L	II	140	150	103	113		
	W84M1D	07/10/2000	IM40MB	MANGANESE	19.4	J	UG/L	II	140	150	103	113		
	W84M1D	07/10/2000	IM40MB	NICKEL	2.1	J	UG/L	II	140	150	103	113	100	
	W84M1D	07/10/2000	IM40MB	POTASSIUM	936		UG/L	II	140	150	103	113		
	W84M1D	07/10/2000	IM40MB	SODIUM	5890		UG/L	II	140	150	103	113	20000	
	W84M1A	07/10/2000	OC21B	{ND on all 64} analytes				II	140	150	103	113		
	W84M1D	07/10/2000	OC21B	{ND on all 64} analytes				II	140	150	103	113		
	W84M1A	07/10/2000	OC21V	CHLOROFORM	0.3	J	UG/L	II	140	150	103	113	80	
	W84M1A	07/10/2000	OC21V	CHLOROMETHANE	0.4	J	UG/L	II	140	150	103	113	30	
	W84M1D	07/10/2000	OC21V	CHLOROFORM	0.3	J	UG/L	II	140	150	103	113	80	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W84M1D	07/10/2000	OC21V	CHLOROMETHANE	0.3	J	UG/L	II	140	150	103	113	30	
	W84M1A	07/10/2000	OL21P	{ND on all 28} analytes				II	140	150	103	113		
	W84M1D	07/10/2000	OL21P	{ND on all 28} analytes				II	140	150	103	113		
	W84M1A	07/10/2000	TOC	{ND on all 1} analytes				II	140	150	103	113		
	W84M1D	07/10/2000	TOC	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	08/25/2000	300.0	CHLORIDE (AS CL)	8.1		MG/L	II	140	150	103	113		
	W84M1A	08/25/2000	300.0	SULFATE (AS SO4)	5.1		MG/L	II	140	150	103	113		
	W84M1A	08/25/2000	310.1	ALKALINITY, BICARBONATE (AS C	12		MG/L	II	140	150	103	113		
	W84M1A	08/25/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	12		MG/L	II	140	150	103	113		
	W84M1A	08/25/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.05		MG/L	II	140	150	103	113		
	W84M1A	08/25/2000	504	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	08/25/2000	8151	{ND on all 16} analytes				II	140	150	103	113		
	W84M1A	08/25/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.06	J	MG/L	II	140	150	103	113	30	
	W84M1A	08/25/2000	353.2M	NITRATE/NITRITE (AS N)	0.03		MG/L	II	140	150	103	113	10	
	W84M1A	08/25/2000	8021W	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	08/25/2000	8330N	{ND on all 19} analytes				II	140	150	103	113		
	W84M1A	08/25/2000	CYAN	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	08/25/2000	E314.0	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	08/25/2000	IM40HD	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	08/25/2000	IM40HG	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	08/25/2000	IM40MB	CALCIUM	2960		UG/L	II	140	150	103	113		
	W84M1A	08/25/2000	IM40MB	MAGNESIUM	1560		UG/L	II	140	150	103	113		
	W84M1A	08/25/2000	IM40MB	MANGANESE	14.7		UG/L	II	140	150	103	113		
	W84M1A	08/25/2000	IM40MB	POTASSIUM	912	J	UG/L	II	140	150	103	113		
	W84M1A	08/25/2000	IM40MB	SODIUM	6610		UG/L	II	140	150	103	113	20000	
	W84M1A	08/25/2000	OC21V	CHLOROFORM	0.3	J	UG/L	II	140	150	103	113	80	
	W84M1A	08/25/2000	OL21P	{ND on all 28} analytes				II	140	150	103	113		
	W84M1A	08/25/2000	SW8270	{ND on all 76} analytes				II	140	150	103	113		
	W84M1A	08/25/2000	TOC	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	08/24/2001	8151	{ND on all 18} analytes				II	140	150	103	113		
	W84M1A	08/24/2001	8330NX	2,6-DINITROTOLUENE	0.27	J	UG/L	II	140	150	103	113	5	
	W84M1A	08/24/2001	E314.0	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	08/24/2001	ILSBTL	{ND on all 1} analytes				3	140	150	103	113		
	W84M1A	08/24/2001	IM40HD	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	08/24/2001	IM40HG	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	08/24/2001	IM40MB	BORON	5.6	J	UG/L	II	140	150	103	113	600	
	W84M1A	08/24/2001	IM40MB	CALCIUM	3130		UG/L	II	140	150	103	113		
	W84M1A	08/24/2001	IM40MB	MAGNESIUM	1520		UG/L	II	140	150	103	113		
	W84M1A	08/24/2001	IM40MB	MANGANESE	23.6		UG/L	II	140	150	103	113		
	W84M1A	08/24/2001	IM40MB	POTASSIUM	766		UG/L	II	140	150	103	113		
	W84M1A	08/24/2001	IM40MB	SILVER	2.4	J	UG/L	II	140	150	103	113	100	
	W84M1A	08/24/2001	IM40MB	SODIUM	6330		UG/L	II	140	150	103	113	20000	
	W84M1A	08/24/2001	OC21V	CHLOROFORM	0.3	J	UG/L	II	140	150	103	113	80	
	W84M1A	08/24/2001	OL21P	{ND on all 28} analytes				II	140	150	103	113		
	W84M1A	08/24/2001	SW8270	{ND on all 76} analytes				II	140	150	103	113		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W84M1A	12/20/2001	8330NX	{ND on all 22} analytes				II	140	150	103	113		
	W84M1A	12/20/2001	SW8270	{ND on all 76} analytes				II	140	150	103	113		
	W84M1A	06/07/2002	8330N	{ND on all 19} analytes				II	140	150	103	113		
	W84M1A	06/07/2002	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.38	J	UG/L	II	140	150	103	113	6	
	W84M1A	08/15/2002	8151	{ND on all 17} analytes				II	140	150	103	113		
	W84M1A	08/15/2002	8330N	{ND on all 19} analytes				II	140	150	103	113		
	W84M1A	08/15/2002	E314.0	{ND on all 1} analytes				3	140	150	103	113		
	W84M1A	08/15/2002	IM40HD	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	08/15/2002	IM40HG	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	08/15/2002	IM40MB	CALCIUM	3090		UG/L	II	140	150	103	113		
	W84M1A	08/15/2002	IM40MB	CHROMIUM, TOTAL	0.82	J	UG/L	II	140	150	103	113	100	
	W84M1A	08/15/2002	IM40MB	MAGNESIUM	1480		UG/L	II	140	150	103	113		
	W84M1A	08/15/2002	IM40MB	MANGANESE	8.3		UG/L	II	140	150	103	113		
	W84M1A	08/15/2002	IM40MB	POTASSIUM	1010		UG/L	II	140	150	103	113		
	W84M1A	08/15/2002	IM40MB	SODIUM	6710		UG/L	II	140	150	103	113	20000	
	W84M1A	08/15/2002	OC21V	CHLOROFORM	0.3	J	UG/L	II	140	150	103	113	80	
	W84M1A	08/15/2002	SW8270	{ND on all 78} analytes				II	140	150	103	113		
	W84M1A	01/09/2003	8330N	{ND on all 19} analytes				II	140	150	103	113		
	W84M1A	01/09/2003	E314.0	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	01/09/2003	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.45	J	UG/L	II	140	150	103	113	6	
	W84M1A	06/04/2003	E314.0	{ND on all 1} analytes				II	140	150	103	113		
	W84M1D	06/04/2003	E314.0	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	11/25/2003	8151	{ND on all 18} analytes				3	140	150	103	113		
	W84M1A	11/25/2003	6020SB	{ND on all 2} analytes				3	140	150	103	113		
	W84M1A	11/25/2003	8330N	{ND on all 19} analytes				3	140	150	103	113		
	W84M1A	11/25/2003	E314.0	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	11/25/2003	IM40HD	{ND on all 1} analytes				3	140	150	103	113		
	W84M1A	11/25/2003	IM40HG	{ND on all 1} analytes				3	140	150	103	113		
	W84M1A	11/25/2003	IM40MB	CALCIUM	3350		UG/L	3	140	150	103	113		
	W84M1A	11/25/2003	IM40MB	MAGNESIUM	1620		UG/L	3	140	150	103	113		
	W84M1A	11/25/2003	IM40MB	MANGANESE	9.4		UG/L	3	140	150	103	113		
	W84M1A	11/25/2003	IM40MB	POTASSIUM	836	J	UG/L	3	140	150	103	113		
	W84M1A	11/25/2003	IM40MB	SODIUM	7110		UG/L	3	140	150	103	113	20000	
	W84M1A	11/25/2003	OC21V	CHLOROFORM	0.3	J	UG/L	3	140	150	103	113	80	
	W84M1A	11/25/2003	SW8270	2-CHLORONAPHTHALENE	0.26	J	UG/L	3	140	150	103	113		
	W84M1A	01/29/2004	8330N	{ND on all 19} analytes				II	140	150	103	113		
	W84M1A	01/29/2004	E314.0	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	01/29/2004	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.34	J	UG/L	II	140	150	103	113	6	
	W84M1A	05/10/2004	E314.0	{ND on all 1} analytes				3	140	150	103	113		
	W84M1A	10/08/2004	6020SB	{ND on all 2} analytes				II	140	150	103	113		
	W84M1A	10/08/2004	8330N	{ND on all 19} analytes				II	140	150	103	113		
	W84M1A	10/08/2004	E314.0	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	10/08/2004	IM40HD	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	10/08/2004	IM40HG	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	10/08/2004	IM40MBM	CALCIUM	3350		UG/L	II	140	150	103	113		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W84M1A	10/08/2004	IM40MBM	MAGNESIUM	1720		UG/L	II	140	150	103	113		
	W84M1A	10/08/2004	IM40MBM	MANGANESE	9.2		UG/L	II	140	150	103	113		
	W84M1A	10/08/2004	IM40MBM	SODIUM	7190		UG/L	II	140	150	103	113	20000	
	W84M1A	10/08/2004	IM40MBM	ZINC	2.7	J	UG/L	II	140	150	103	113	2000	
	W84M1A	10/08/2004	OC21VM	CHLOROFORM	0.3	J	UG/L	II	140	150	103	113	80	
	W84M1A	10/08/2004	SW8270	{ND on all 78} analytes				II	140	150	103	113		
	W84M1A	01/19/2005	E314.0	{ND on all 1} analytes				II	140	150	103	113		
	W84M1D	01/19/2005	E314.0	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	05/27/2005	E314.0	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	08/25/2005	6020SB	{ND on all 2} analytes				II	140	150	103	113		
	W84M1A	08/25/2005	8330N	{ND on all 19} analytes				II	140	150	103	113		
	W84M1A	08/25/2005	E314.0	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	08/25/2005	IM40HG	{ND on all 1} analytes				II	140	150	103	113		
	W84M1A	08/25/2005	IM40MBM	CALCIUM	3480	J	UG/L	II	140	150	103	113		
	W84M1A	08/25/2005	IM40MBM	MAGNESIUM	1730	J	UG/L	II	140	150	103	113		
	W84M1A	08/25/2005	IM40MBM	SODIUM	7120		UG/L	II	140	150	103	113	20000	
	W84M1A	08/25/2005	OC21VM	{ND on all 45} analytes				II	140	150	103	113		
	W84M1A	08/25/2005	SW8270	{ND on all 78} analytes				II	140	150	103	113		
	W84M1A	12/21/2005	E314.0	{ND on all 1} analytes				II	140	150	103	113		
MW-84M2	W84M2A	11/09/1999	300.0	CHLORIDE (AS CL)	8.9		MG/L	II	104	114	67	77		
	W84M2A	11/09/1999	300.0	SULFATE (AS SO4)	5.8		MG/L	II	104	114	67	77		
	W84M2A	11/09/1999	310.1	ALKALINITY, BICARBONATE (AS C	5		MG/L	II	104	114	67	77		
	W84M2A	11/09/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	5		MG/L	II	104	114	67	77		
	W84M2A	11/09/1999	365.2	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	11/09/1999	504	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	11/09/1999	8151	{ND on all 17} analytes				II	104	114	67	77		
	W84M2A	11/09/1999	350.2M	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	11/09/1999	353.2M	NITRATE/NITRITE (AS N)	0.21		MG/L	II	104	114	67	77	10	
	W84M2A	11/09/1999	8021W	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	11/09/1999	8330N	{ND on all 18} analytes				II	104	114	67	77		
	W84M2A	11/09/1999	CYAN	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	11/09/1999	IM40HD	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	11/09/1999	IM40HG	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	11/09/1999	IM40MB	BARIUM	6	J	UG/L	II	104	114	67	77	2000	
	W84M2A	11/09/1999	IM40MB	BORON	7.8		UG/L	II	104	114	67	77	600	
	W84M2A	11/09/1999	IM40MB	CALCIUM	2050		UG/L	II	104	114	67	77		
	W84M2A	11/09/1999	IM40MB	MAGNESIUM	1580		UG/L	II	104	114	67	77		
	W84M2A	11/09/1999	IM40MB	MANGANESE	7.1		UG/L	II	104	114	67	77		
	W84M2A	11/09/1999	IM40MB	POTASSIUM	544		UG/L	II	104	114	67	77		
	W84M2A	11/09/1999	IM40MB	SODIUM	5880		UG/L	II	104	114	67	77	20000	
	W84M2A	11/09/1999	OC21B	{ND on all 64} analytes				II	104	114	67	77		
	W84M2A	11/09/1999	OC21V	CHLOROFORM	2		UG/L	II	104	114	67	77	80	
	W84M2A	11/09/1999	OL21P	{ND on all 28} analytes				II	104	114	67	77		
	W84M2A	11/09/1999	TOC	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	03/02/2000	300.0	CHLORIDE (AS CL)	10.3		MG/L	II	104	114	67	77		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W84M2A	03/02/2000	300.0	SULFATE (AS SO4)	6.5		MG/L	II	104	114	67	77		
	W84M2A	03/02/2000	310.1	ALKALINITY, BICARBONATE (AS C	5		MG/L	II	104	114	67	77		
	W84M2A	03/02/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	5		MG/L	II	104	114	67	77		
	W84M2A	03/02/2000	365.2	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	03/02/2000	504	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	03/02/2000	8151	{ND on all 17} analytes				II	104	114	67	77		
	W84M2A	03/02/2000	350.2M	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	03/02/2000	353.2M	NITRATE/NITRITE (AS N)	0.25		MG/L	II	104	114	67	77	10	
	W84M2A	03/02/2000	8021W	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	03/02/2000	8330N	{ND on all 18} analytes				II	104	114	67	77		
	W84M2A	03/02/2000	CYAN	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	03/02/2000	IM40HD	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	03/02/2000	IM40HG	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	03/02/2000	IM40MB	BORON	8.4	J	UG/L	II	104	114	67	77	600	
	W84M2A	03/02/2000	IM40MB	CALCIUM	2050		UG/L	II	104	114	67	77		
	W84M2A	03/02/2000	IM40MB	MAGNESIUM	1620		UG/L	II	104	114	67	77		
	W84M2A	03/02/2000	IM40MB	MANGANESE	4.3		UG/L	II	104	114	67	77		
	W84M2A	03/02/2000	IM40MB	POTASSIUM	852		UG/L	II	104	114	67	77		
	W84M2A	03/02/2000	IM40MB	SODIUM	6040		UG/L	II	104	114	67	77	20000	
	W84M2A	03/02/2000	OC21B	{ND on all 64} analytes				II	104	114	67	77		
	W84M2A	03/02/2000	OC21V	CHLOROFORM	2		UG/L	II	104	114	67	77	80	
	W84M2A	03/02/2000	OL21P	{ND on all 28} analytes				II	104	114	67	77		
	W84M2A	03/02/2000	TOC	TOTAL ORGANIC CARBON	0.8		MG/L	II	104	114	67	77		
	W84M2A	07/07/2000	300.0	CHLORIDE (AS CL)	9		MG/L	II	104	114	67	77		
	W84M2A	07/07/2000	300.0	SULFATE (AS SO4)	5.9		MG/L	II	104	114	67	77		
	W84M2A	07/07/2000	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	104	114	67	77		
	W84M2A	07/07/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	104	114	67	77		
	W84M2A	07/07/2000	365.2	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	07/07/2000	504	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	07/07/2000	8151	{ND on all 15} analytes				II	104	114	67	77		
	W84M2A	07/07/2000	350.2M	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	07/07/2000	353.2M	NITRATE/NITRITE (AS N)	0.19		MG/L	II	104	114	67	77	10	
	W84M2A	07/07/2000	8021W	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	07/07/2000	8330N	{ND on all 19} analytes				II	104	114	67	77		
	W84M2A	07/07/2000	CYAN	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	07/07/2000	IM40HD	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	07/07/2000	IM40HG	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	07/07/2000	IM40MB	ARSENIC	6.1	J	UG/L	II	104	114	67	77	10	
	W84M2A	07/07/2000	IM40MB	CALCIUM	2190		UG/L	II	104	114	67	77		
	W84M2A	07/07/2000	IM40MB	MAGNESIUM	1710		UG/L	II	104	114	67	77		
	W84M2A	07/07/2000	IM40MB	MANGANESE	2.2	J	UG/L	II	104	114	67	77		
	W84M2A	07/07/2000	IM40MB	POTASSIUM	796		UG/L	II	104	114	67	77		
	W84M2A	07/07/2000	IM40MB	SODIUM	5280		UG/L	II	104	114	67	77	20000	
	W84M2A	07/07/2000	OC21B	{ND on all 64} analytes				II	104	114	67	77		
	W84M2A	07/07/2000	OC21V	CHLOROFORM	2		UG/L	II	104	114	67	77	80	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W84M2A	07/07/2000	OL21P	{ND on all 28} analytes				II	104	114	67	77		
	W84M2A	07/07/2000	TOC	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	08/25/2000	300.0	CHLORIDE (AS CL)	9.4		MG/L	II	104	114	67	77		
	W84M2A	08/25/2000	300.0	SULFATE (AS SO4)	6		MG/L	II	104	114	67	77		
	W84M2A	08/25/2000	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	104	114	67	77		
	W84M2A	08/25/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	104	114	67	77		
	W84M2A	08/25/2000	365.2	PHOSPHORUS, TOTAL ORTHOPH	0.01		MG/L	II	104	114	67	77		
	W84M2A	08/25/2000	504	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	08/25/2000	8151	{ND on all 16} analytes				II	104	114	67	77		
	W84M2A	08/25/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.06	J	MG/L	II	104	114	67	77	30	
	W84M2A	08/25/2000	353.2M	NITRATE/NITRITE (AS N)	0.16		MG/L	II	104	114	67	77	10	
	W84M2A	08/25/2000	8021W	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	08/25/2000	8330N	{ND on all 19} analytes				II	104	114	67	77		
	W84M2A	08/25/2000	CYAN	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	08/25/2000	E314.0	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	08/25/2000	IM40HD	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	08/25/2000	IM40HG	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	08/25/2000	IM40MB	CALCIUM	2000		UG/L	II	104	114	67	77		
	W84M2A	08/25/2000	IM40MB	IRON	104	J	UG/L	II	104	114	67	77		
	W84M2A	08/25/2000	IM40MB	MAGNESIUM	1570		UG/L	II	104	114	67	77		
	W84M2A	08/25/2000	IM40MB	MANGANESE	3.4		UG/L	II	104	114	67	77		
	W84M2A	08/25/2000	IM40MB	POTASSIUM	707	J	UG/L	II	104	114	67	77		
	W84M2A	08/25/2000	IM40MB	SODIUM	5840		UG/L	II	104	114	67	77	20000	
	W84M2A	08/25/2000	OC21V	CHLOROFORM	2		UG/L	II	104	114	67	77	80	
	W84M2A	08/25/2000	OL21P	{ND on all 28} analytes				II	104	114	67	77		
	W84M2A	08/25/2000	SW8270	{ND on all 76} analytes				II	104	114	67	77		
	W84M2A	08/25/2000	TOC	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	08/27/2001	8151	{ND on all 18} analytes				II	104	114	67	77		
	W84M2A	08/27/2001	8330NX	{ND on all 22} analytes				II	104	114	67	77		
	W84M2A	08/27/2001	E314.0	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	08/27/2001	ILSBTL	{ND on all 1} analytes				3	104	114	67	77		
	W84M2A	08/27/2001	IM40HD	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	08/27/2001	IM40HG	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	08/27/2001	IM40MB	BARIUM	4.6	J	UG/L	II	104	114	67	77	2000	
	W84M2A	08/27/2001	IM40MB	BORON	8		UG/L	II	104	114	67	77	600	
	W84M2A	08/27/2001	IM40MB	CALCIUM	2310		UG/L	II	104	114	67	77		
	W84M2A	08/27/2001	IM40MB	MAGNESIUM	1740		UG/L	II	104	114	67	77		
	W84M2A	08/27/2001	IM40MB	MANGANESE	1.4	J	UG/L	II	104	114	67	77		
	W84M2A	08/27/2001	IM40MB	POTASSIUM	766		UG/L	II	104	114	67	77		
	W84M2A	08/27/2001	IM40MB	SODIUM	7000		UG/L	II	104	114	67	77	20000	
	W84M2A	08/27/2001	OC21V	CHLOROFORM	2		UG/L	II	104	114	67	77	80	
	W84M2A	08/27/2001	OL21P	{ND on all 28} analytes				II	104	114	67	77		
	W84M2A	08/27/2001	SW8270	{ND on all 77} analytes				II	104	114	67	77		
	W84M2A	06/07/2002	8330N	{ND on all 19} analytes				II	104	114	67	77		
	W84M2A	06/07/2002	SW8270	{ND on all 77} analytes				II	104	114	67	77		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W84M2A	08/15/2002	8151	{ND on all 17} analytes				II	104	114	67	77		
	W84M2A	08/15/2002	8330N	{ND on all 19} analytes				II	104	114	67	77		
	W84M2A	08/15/2002	E314.0	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	08/15/2002	IM40HD	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	08/15/2002	IM40HG	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	08/15/2002	IM40MB	CALCIUM	2310		UG/L	II	104	114	67	77		
	W84M2A	08/15/2002	IM40MB	MAGNESIUM	1710		UG/L	II	104	114	67	77		
	W84M2A	08/15/2002	IM40MB	MANGANESE	1.1		UG/L	II	104	114	67	77		
	W84M2A	08/15/2002	IM40MB	POTASSIUM	881		UG/L	II	104	114	67	77		
	W84M2A	08/15/2002	IM40MB	SODIUM	6230		UG/L	II	104	114	67	77	20000	
	W84M2A	08/15/2002	OC21V	CHLOROFORM	2		UG/L	II	104	114	67	77	80	
	W84M2A	08/15/2002	SW8270	{ND on all 78} analytes				II	104	114	67	77		
	W84M2A	01/09/2003	8330N	{ND on all 19} analytes				II	104	114	67	77		
	W84M2D	01/09/2003	8330N	{ND on all 19} analytes				II	104	114	67	77		
	W84M2A	01/09/2003	E314.0	{ND on all 1} analytes				II	104	114	67	77		
	W84M2D	01/09/2003	E314.0	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	01/09/2003	SW8270	{ND on all 77} analytes				II	104	114	67	77		
	W84M2D	01/09/2003	SW8270	{ND on all 77} analytes				II	104	114	67	77		
	W84M2A	06/04/2003	E314.0	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	11/24/2003	8151	{ND on all 18} analytes				II	104	114	67	77		
	W84M2A	11/24/2003	6020SB	{ND on all 2} analytes				II	104	114	67	77		
	W84M2A	11/24/2003	8330N	{ND on all 19} analytes				II	104	114	67	77		
	W84M2A	11/24/2003	E314.0	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	11/24/2003	IM40HD	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	11/24/2003	IM40HG	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	11/24/2003	IM40MB	BORON	7	J	UG/L	II	104	114	67	77	600	
	W84M2A	11/24/2003	IM40MB	CALCIUM	2240		UG/L	II	104	114	67	77		
	W84M2A	11/24/2003	IM40MB	MAGNESIUM	1650		UG/L	II	104	114	67	77		
	W84M2A	11/24/2003	IM40MB	POTASSIUM	718	J	UG/L	II	104	114	67	77		
	W84M2A	11/24/2003	IM40MB	SODIUM	6320		UG/L	II	104	114	67	77	20000	
	W84M2A	11/24/2003	OC21V	CHLOROFORM	2		UG/L	II	104	114	67	77	80	
	W84M2A	11/24/2003	SW8270	{ND on all 78} analytes				II	104	114	67	77		
	W84M2A	01/29/2004	8330N	{ND on all 19} analytes				II	104	114	67	77		
	W84M2A	01/29/2004	E314.0	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	01/29/2004	SW8270	{ND on all 78} analytes				II	104	114	67	77		
	W84M2A	05/10/2004	E314.0	{ND on all 1} analytes				3	104	114	67	77		
	W84M2D	05/10/2004	E314.0	{ND on all 1} analytes				3	104	114	67	77		
	W84M2A	10/06/2004	6020SB	{ND on all 2} analytes				II	104	114	67	77		
	W84M2A	10/06/2004	8330N	{ND on all 19} analytes				II	104	114	67	77		
	W84M2A	10/06/2004	E314.0	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	10/06/2004	IM40HD	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	10/06/2004	IM40HG	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	10/06/2004	IM40MBM	BORON	8.3	J	UG/L	II	104	114	67	77	600	
	W84M2A	10/06/2004	IM40MBM	CALCIUM	2060		UG/L	II	104	114	67	77		
	W84M2A	10/06/2004	IM40MBM	MAGNESIUM	1510		UG/L	II	104	114	67	77		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W84M2A	10/06/2004	IM40MBM	POTASSIUM	716	J	UG/L	II	104	114	67	77		
	W84M2A	10/06/2004	IM40MBM	SODIUM	6060		UG/L	II	104	114	67	77	20000	
	W84M2A	10/06/2004	OC21VM	CHLOROFORM	2		UG/L	II	104	114	67	77	80	
	W84M2A	10/06/2004	SW8270	{ND on all 78} analytes				II	104	114	67	77		
	W84M2A	01/19/2005	E314.0	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	05/27/2005	E314.0	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	08/25/2005	6020SB	{ND on all 2} analytes				II	104	114	67	77		
	W84M2A	08/25/2005	8330N	{ND on all 19} analytes				II	104	114	67	77		
	W84M2A	08/25/2005	E314.0	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	08/25/2005	IM40HG	{ND on all 1} analytes				II	104	114	67	77		
	W84M2A	08/25/2005	IM40MBM	MAGNESIUM	1640	J	UG/L	II	104	114	67	77		
	W84M2A	08/25/2005	IM40MBM	SODIUM	6360		UG/L	II	104	114	67	77	20000	
	W84M2A	08/25/2005	OC21VM	CHLOROFORM	2		UG/L	II	104	114	67	77	80	
	W84M2A	08/25/2005	SW8270	BENZOIC ACID	0.34	J	UG/L	II	104	114	67	77		
	W84M2A	12/21/2005	E314.0	{ND on all 1} analytes				II	104	114	67	77		
	W84M2D	12/21/2005	E314.0	{ND on all 1} analytes				II	104	114	67	77		
MW-84M3	W84M3A	11/09/1999	300.0	CHLORIDE (AS CL)	7.5		MG/L	II	79	89	42	52		
	W84M3A	11/09/1999	300.0	SULFATE (AS SO4)	5.8		MG/L	II	79	89	42	52		
	W84M3A	11/09/1999	310.1	ALKALINITY, BICARBONATE (AS C	7		MG/L	II	79	89	42	52		
	W84M3A	11/09/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	7		MG/L	II	79	89	42	52		
	W84M3A	11/09/1999	365.2	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	11/09/1999	504	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	11/09/1999	8151	{ND on all 17} analytes				II	79	89	42	52		
	W84M3A	11/09/1999	350.2M	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	11/09/1999	353.2M	NITRATE/NITRITE (AS N)	0.24		MG/L	II	79	89	42	52	10	
	W84M3A	11/09/1999	8021W	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	11/09/1999	8330N	{ND on all 18} analytes				II	79	89	42	52		
	W84M3A	11/09/1999	CYAN	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	11/09/1999	IM40HD	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	11/09/1999	IM40HG	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	11/09/1999	IM40MB	BARIUM	7.2	J	UG/L	II	79	89	42	52	2000	
	W84M3A	11/09/1999	IM40MB	BORON	9.1		UG/L	II	79	89	42	52	600	
	W84M3A	11/09/1999	IM40MB	CALCIUM	2430		UG/L	II	79	89	42	52		
	W84M3A	11/09/1999	IM40MB	MAGNESIUM	1590		UG/L	II	79	89	42	52		
	W84M3A	11/09/1999	IM40MB	MANGANESE	174		UG/L	II	79	89	42	52		
	W84M3A	11/09/1999	IM40MB	NICKEL	2.2	J	UG/L	II	79	89	42	52	100	
	W84M3A	11/09/1999	IM40MB	POTASSIUM	978		UG/L	II	79	89	42	52		
	W84M3A	11/09/1999	IM40MB	SODIUM	5530		UG/L	II	79	89	42	52	20000	
	W84M3A	11/09/1999	OC21B	{ND on all 64} analytes				II	79	89	42	52		
	W84M3A	11/09/1999	OC21V	CHLOROFORM	2		UG/L	II	79	89	42	52	80	
	W84M3A	11/09/1999	OL21P	{ND on all 28} analytes				II	79	89	42	52		
	W84M3A	11/09/1999	TOC	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	03/03/2000	300.0	CHLORIDE (AS CL)	8		MG/L	II	79	89	42	52		
	W84M3A	03/03/2000	300.0	SULFATE (AS SO4)	6.6		MG/L	II	79	89	42	52		
	W84M3A	03/03/2000	310.1	ALKALINITY, BICARBONATE (AS C	6		MG/L	II	79	89	42	52		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W84M3A	03/03/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	6		MG/L	II	79	89	42	52		
	W84M3A	03/03/2000	365.2	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	03/03/2000	504	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	03/03/2000	8151	{ND on all 17} analytes				II	79	89	42	52		
	W84M3A	03/03/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.05	J	MG/L	II	79	89	42	52	30	
	W84M3A	03/03/2000	353.2M	NITRATE/NITRITE (AS N)	0.27		MG/L	II	79	89	42	52	10	
	W84M3A	03/03/2000	8021W	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	03/03/2000	8330N	{ND on all 18} analytes				II	79	89	42	52		
	W84M3A	03/03/2000	CYAN	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	03/03/2000	IM40HD	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	03/03/2000	IM40HG	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	03/03/2000	IM40MB	BORON	9.2	J	UG/L	II	79	89	42	52	600	
	W84M3A	03/03/2000	IM40MB	CALCIUM	2110		UG/L	II	79	89	42	52		
	W84M3A	03/03/2000	IM40MB	IRON	25.3	J	UG/L	II	79	89	42	52		
	W84M3A	03/03/2000	IM40MB	MAGNESIUM	1610		UG/L	II	79	89	42	52		
	W84M3A	03/03/2000	IM40MB	MANGANESE	55.8		UG/L	II	79	89	42	52		
	W84M3A	03/03/2000	IM40MB	POTASSIUM	990		UG/L	II	79	89	42	52		
	W84M3A	03/03/2000	IM40MB	SODIUM	5660		UG/L	II	79	89	42	52	20000	
	W84M3A	03/03/2000	OC21B	{ND on all 64} analytes				II	79	89	42	52		
	W84M3A	03/03/2000	OC21V	CHLOROFORM	1		UG/L	II	79	89	42	52	80	
	W84M3A	03/03/2000	OL21P	{ND on all 28} analytes				II	79	89	42	52		
	W84M3A	03/03/2000	TOC	TOTAL ORGANIC CARBON	1.3	J	MG/L	II	79	89	42	52		
	W84M3A	07/06/2000	300.0	CHLORIDE (AS CL)	7.2		MG/L	II	79	89	42	52		
	W84M3A	07/06/2000	300.0	SULFATE (AS SO4)	6.1		MG/L	II	79	89	42	52		
	W84M3A	07/06/2000	310.1	ALKALINITY, BICARBONATE (AS C	5		MG/L	II	79	89	42	52		
	W84M3A	07/06/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	5		MG/L	II	79	89	42	52		
	W84M3A	07/06/2000	365.2	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	07/06/2000	504	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	07/06/2000	8151	{ND on all 16} analytes				II	79	89	42	52		
	W84M3A	07/06/2000	350.2M	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	07/06/2000	353.2M	NITRATE/NITRITE (AS N)	0.23		MG/L	II	79	89	42	52	10	
	W84M3A	07/06/2000	8021W	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	07/06/2000	8330N	{ND on all 19} analytes				II	79	89	42	52		
	W84M3A	07/06/2000	CYAN	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	07/06/2000	IM40HD	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	07/06/2000	IM40HG	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	07/06/2000	IM40MB	CALCIUM	2080		UG/L	II	79	89	42	52		
	W84M3A	07/06/2000	IM40MB	MAGNESIUM	1600		UG/L	II	79	89	42	52		
	W84M3A	07/06/2000	IM40MB	MANGANESE	24.6	J	UG/L	II	79	89	42	52		
	W84M3A	07/06/2000	IM40MB	POTASSIUM	806		UG/L	II	79	89	42	52		
	W84M3A	07/06/2000	IM40MB	SODIUM	4840		UG/L	II	79	89	42	52	20000	
	W84M3A	07/06/2000	OC21B	{ND on all 64} analytes				II	79	89	42	52		
	W84M3A	07/06/2000	OC21V	CHLOROFORM	1		UG/L	II	79	89	42	52	80	
	W84M3A	07/06/2000	OL21P	{ND on all 28} analytes				II	79	89	42	52		
	W84M3A	07/06/2000	TOC	TOTAL ORGANIC CARBON	0.6		MG/L	II	79	89	42	52		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W84M3A	08/25/2000	300.0	CHLORIDE (AS CL)	7.4		MG/L	II	79	89	42	52		
	W84M3A	08/25/2000	300.0	SULFATE (AS SO4)	6		MG/L	II	79	89	42	52		
	W84M3A	08/25/2000	310.1	ALKALINITY, BICARBONATE (AS C	4		MG/L	II	79	89	42	52		
	W84M3A	08/25/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	4		MG/L	II	79	89	42	52		
	W84M3A	08/25/2000	365.2	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	08/25/2000	504	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	08/25/2000	8151	{ND on all 16} analytes				II	79	89	42	52		
	W84M3A	08/25/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.03	J	MG/L	II	79	89	42	52	30	
	W84M3A	08/25/2000	353.2M	NITRATE/NITRITE (AS N)	0.2	J	MG/L	II	79	89	42	52	10	
	W84M3A	08/25/2000	8021W	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	08/25/2000	8330N	{ND on all 19} analytes				II	79	89	42	52		
	W84M3A	08/25/2000	CYAN	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	08/25/2000	E314.0	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	08/25/2000	IM40HD	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	08/25/2000	IM40HG	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	08/25/2000	IM40MB	CALCIUM	1890		UG/L	II	79	89	42	52		
	W84M3A	08/25/2000	IM40MB	MAGNESIUM	1500		UG/L	II	79	89	42	52		
	W84M3A	08/25/2000	IM40MB	MANGANESE	21.1		UG/L	II	79	89	42	52		
	W84M3A	08/25/2000	IM40MB	POTASSIUM	692	J	UG/L	II	79	89	42	52		
	W84M3A	08/25/2000	IM40MB	SODIUM	5100		UG/L	II	79	89	42	52	20000	
	W84M3A	08/25/2000	OC21V	CHLOROFORM	1		UG/L	II	79	89	42	52	80	
	W84M3A	08/25/2000	OL21P	{ND on all 28} analytes				II	79	89	42	52		
	W84M3A	08/25/2000	SW8270	BIS(2-ETHYLHEXYL) PHTHALATE	0.42	J	UG/L	II	79	89	42	52	6	
	W84M3A	08/25/2000	TOC	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	08/27/2001	8151	{ND on all 18} analytes				II	79	89	42	52		
	W84M3A	08/27/2001	8330NX	{ND on all 22} analytes				II	79	89	42	52		
	W84M3A	08/27/2001	E314.0	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	08/27/2001	ILSBTL	{ND on all 1} analytes				3	79	89	42	52		
	W84M3A	08/27/2001	IM40HD	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	08/27/2001	IM40HG	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	08/27/2001	IM40MB	BARIUM	3.9	J	UG/L	II	79	89	42	52	2000	
	W84M3A	08/27/2001	IM40MB	BORON	7		UG/L	II	79	89	42	52	600	
	W84M3A	08/27/2001	IM40MB	CALCIUM	2010		UG/L	II	79	89	42	52		
	W84M3A	08/27/2001	IM40MB	MAGNESIUM	1510		UG/L	II	79	89	42	52		
	W84M3A	08/27/2001	IM40MB	MANGANESE	8.1		UG/L	II	79	89	42	52		
	W84M3A	08/27/2001	IM40MB	POTASSIUM	728		UG/L	II	79	89	42	52		
	W84M3A	08/27/2001	IM40MB	SELENIUM	2.3	J	UG/L	II	79	89	42	52	50	
	W84M3A	08/27/2001	IM40MB	SODIUM	5360		UG/L	II	79	89	42	52	20000	
	W84M3A	08/27/2001	IM40MB	THALLIUM	5	J	UG/L	II	79	89	42	52	2	X
	W84M3A	08/27/2001	OC21V	CHLOROFORM	2		UG/L	II	79	89	42	52	80	
	W84M3A	08/27/2001	OL21P	{ND on all 28} analytes				II	79	89	42	52		
	W84M3A	08/27/2001	SW8270	{ND on all 77} analytes				II	79	89	42	52		
	W84M3A	08/14/2002	8151	{ND on all 17} analytes				II	79	89	42	52		
	W84M3A	08/14/2002	8330NX	{ND on all 22} analytes				II	79	89	42	52		
	W84M3A	08/14/2002	E314.0	{ND on all 1} analytes				II	79	89	42	52		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W84M3A	08/14/2002	IM40HD	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	08/14/2002	IM40HG	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	08/14/2002	IM40MB	CALCIUM	1960		UG/L	II	79	89	42	52		
	W84M3A	08/14/2002	IM40MB	MAGNESIUM	1440		UG/L	II	79	89	42	52		
	W84M3A	08/14/2002	IM40MB	MANGANESE	4.2		UG/L	II	79	89	42	52		
	W84M3A	08/14/2002	IM40MB	POTASSIUM	813		UG/L	II	79	89	42	52		
	W84M3A	08/14/2002	IM40MB	SODIUM	5240		UG/L	II	79	89	42	52	20000	
	W84M3A	08/14/2002	IM40MB	ZINC	0.94	J	UG/L	II	79	89	42	52	2000	
	W84M3A	08/14/2002	OC21V	CHLOROFORM	1		UG/L	II	79	89	42	52	80	
	W84M3A	08/14/2002	SW8270	{ND on all 78} analytes				II	79	89	42	52		
	W84M3A	01/09/2003	E314.0	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	06/04/2003	E314.0	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	11/24/2003	8151	{ND on all 18} analytes				3	79	89	42	52		
	W84M3A	11/24/2003	6020SB	{ND on all 2} analytes				3	79	89	42	52		
	W84M3A	11/24/2003	8330NX	{ND on all 22} analytes				3	79	89	42	52		
	W84M3A	11/24/2003	E314.0	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	11/24/2003	IM40HD	{ND on all 1} analytes				3	79	89	42	52		
	W84M3A	11/24/2003	IM40HG	{ND on all 1} analytes				3	79	89	42	52		
	W84M3A	11/24/2003	IM40MB	BORON	7	J	UG/L	3	79	89	42	52	600	
	W84M3A	11/24/2003	IM40MB	CALCIUM	2020		UG/L	3	79	89	42	52		
	W84M3A	11/24/2003	IM40MB	MAGNESIUM	1510		UG/L	3	79	89	42	52		
	W84M3A	11/24/2003	IM40MB	MANGANESE	2.1		UG/L	3	79	89	42	52		
	W84M3A	11/24/2003	IM40MB	POTASSIUM	643	J	UG/L	3	79	89	42	52		
	W84M3A	11/24/2003	IM40MB	SODIUM	5180		UG/L	3	79	89	42	52	20000	
	W84M3A	11/24/2003	IM40MB	ZINC	2.5	J	UG/L	3	79	89	42	52	2000	
	W84M3A	11/24/2003	OC21V	CHLOROFORM	2		UG/L	3	79	89	42	52	80	
	W84M3A	11/24/2003	SW8270	{ND on all 78} analytes				3	79	89	42	52		
	W84M3A	01/29/2004	E314.0	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	05/10/2004	E314.0	{ND on all 1} analytes				3	79	89	42	52		
	W84M3A	10/08/2004	6020SB	{ND on all 2} analytes				II	79	89	42	52		
	W84M3A	10/08/2004	8330N	{ND on all 19} analytes				II	79	89	42	52		
	W84M3A	10/08/2004	E314.0	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	10/08/2004	IM40HD	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	10/08/2004	IM40HG	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	10/08/2004	IM40MBM	CALCIUM	2160		UG/L	II	79	89	42	52		
	W84M3A	10/08/2004	IM40MBM	MAGNESIUM	1610		UG/L	II	79	89	42	52		
	W84M3A	10/08/2004	IM40MBM	MANGANESE	1.4	J	UG/L	II	79	89	42	52		
	W84M3A	10/08/2004	IM40MBM	SODIUM	5360		UG/L	II	79	89	42	52	20000	
	W84M3A	10/08/2004	IM40MBM	ZINC	2	J	UG/L	II	79	89	42	52	2000	
	W84M3A	10/08/2004	OC21VM	CHLOROFORM	2		UG/L	II	79	89	42	52	80	
	W84M3A	10/08/2004	SW8270	{ND on all 78} analytes				II	79	89	42	52		
	W84M3A	01/19/2005	E314.0	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	05/27/2005	E314.0	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	08/25/2005	6020SB	{ND on all 2} analytes				II	79	89	42	52		
	W84M3A	08/25/2005	8330N	{ND on all 19} analytes				II	79	89	42	52		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W84M3A	08/25/2005	E314.0	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	08/25/2005	IM40HG	{ND on all 1} analytes				II	79	89	42	52		
	W84M3A	08/25/2005	IM40MBM	MAGNESIUM	1620	J	UG/L	II	79	89	42	52		
	W84M3A	08/25/2005	IM40MBM	SODIUM	5090		UG/L	II	79	89	42	52	20000	
	W84M3A	08/25/2005	OC21VM	CHLOROFORM	2		UG/L	II	79	89	42	52	80	
	W84M3A	08/25/2005	SW8270	BENZOIC ACID	0.3	J	UG/L	II	79	89	42	52		
	W84M3A	12/21/2005	E314.0	{ND on all 1} analytes				II	79	89	42	52		
MW-84S	W84SSA	10/21/1999	300.0	CHLORIDE (AS CL)	9.1		MG/L	II	54	64	17	27		
	W84SSA	10/21/1999	300.0	SULFATE (AS SO4)	5.9		MG/L	II	54	64	17	27		
	W84SSA	10/21/1999	310.1	ALKALINITY, BICARBONATE (AS C	7		MG/L	II	54	64	17	27		
	W84SSA	10/21/1999	310.1	ALKALINITY, TOTAL (AS CACO3)	7		MG/L	II	54	64	17	27		
	W84SSA	10/21/1999	365.2	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	10/21/1999	504	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	10/21/1999	8151	{ND on all 16} analytes				II	54	64	17	27		
	W84SSA	10/21/1999	350.2M	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	10/21/1999	353.2M	NITRATE/NITRITE (AS N)	0.02		MG/L	II	54	64	17	27	10	
	W84SSA	10/21/1999	8021W	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	10/21/1999	8330N	{ND on all 18} analytes				II	54	64	17	27		
	W84SSA	10/21/1999	CYAN	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	10/21/1999	IM40HD	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	10/21/1999	IM40HG	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	10/21/1999	IM40MB	BARIUM	7	J	UG/L	II	54	64	17	27	2000	
	W84SSA	10/21/1999	IM40MB	BORON	8		UG/L	II	54	64	17	27	600	
	W84SSA	10/21/1999	IM40MB	CALCIUM	2230		UG/L	II	54	64	17	27		
	W84SSA	10/21/1999	IM40MB	MAGNESIUM	1460		UG/L	II	54	64	17	27		
	W84SSA	10/21/1999	IM40MB	MANGANESE	236		UG/L	II	54	64	17	27		
	W84SSA	10/21/1999	IM40MB	MOLYBDENUM	3		UG/L	II	54	64	17	27	40	
	W84SSA	10/21/1999	IM40MB	POTASSIUM	1360		UG/L	II	54	64	17	27		
	W84SSA	10/21/1999	IM40MB	SODIUM	5830		UG/L	II	54	64	17	27	20000	
	W84SSA	10/21/1999	IM40MB	THALLIUM	3.2	J	UG/L	II	54	64	17	27	2	X
	W84SSA	10/21/1999	OC21B	{ND on all 64} analytes				II	54	64	17	27		
	W84SSA	10/21/1999	OC21V	CHLOROFORM	2		UG/L	II	54	64	17	27	80	
	W84SSA	10/21/1999	OL21P	{ND on all 28} analytes				II	54	64	17	27		
	W84SSA	10/21/1999	TOC	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	03/03/2000	300.0	CHLORIDE (AS CL)	10.1		MG/L	II	54	64	17	27		
	W84SSA	03/03/2000	300.0	SULFATE (AS SO4)	6.6		MG/L	II	54	64	17	27		
	W84SSA	03/03/2000	310.1	ALKALINITY, BICARBONATE (AS C	5		MG/L	II	54	64	17	27		
	W84SSA	03/03/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	5		MG/L	II	54	64	17	27		
	W84SSA	03/03/2000	365.2	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	03/03/2000	504	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	03/03/2000	8151	{ND on all 17} analytes				II	54	64	17	27		
	W84SSA	03/03/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.03	J	MG/L	II	54	64	17	27	30	
	W84SSA	03/03/2000	353.2M	NITRATE/NITRITE (AS N)	0.05		MG/L	II	54	64	17	27	10	
	W84SSA	03/03/2000	8021W	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	03/03/2000	8330N	{ND on all 18} analytes				II	54	64	17	27		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W84SSA	03/03/2000	CYAN	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	03/03/2000	IM40HD	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	03/03/2000	IM40HG	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	03/03/2000	IM40MB	BORON	8.2	J	UG/L	II	54	64	17	27	600	
	W84SSA	03/03/2000	IM40MB	CALCIUM	1880		UG/L	II	54	64	17	27		
	W84SSA	03/03/2000	IM40MB	IRON	25.1	J	UG/L	II	54	64	17	27		
	W84SSA	03/03/2000	IM40MB	MAGNESIUM	1460		UG/L	II	54	64	17	27		
	W84SSA	03/03/2000	IM40MB	MANGANESE	60.6		UG/L	II	54	64	17	27		
	W84SSA	03/03/2000	IM40MB	POTASSIUM	1000		UG/L	II	54	64	17	27		
	W84SSA	03/03/2000	IM40MB	SODIUM	6550		UG/L	II	54	64	17	27	20000	
	W84SSA	03/03/2000	OC21B	{ND on all 64} analytes				II	54	64	17	27		
	W84SSA	03/03/2000	OC21V	CHLOROFORM	2		UG/L	II	54	64	17	27	80	
	W84SSA	03/03/2000	OL21P	{ND on all 28} analytes				II	54	64	17	27		
	W84SSA	03/03/2000	TOC	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	07/06/2000	300.0	CHLORIDE (AS CL)	9.1		MG/L	II	54	64	17	27		
	W84SSA	07/06/2000	300.0	SULFATE (AS SO4)	5.8		MG/L	II	54	64	17	27		
	W84SSA	07/06/2000	310.1	ALKALINITY, BICARBONATE (AS C	5		MG/L	II	54	64	17	27		
	W84SSA	07/06/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	5		MG/L	II	54	64	17	27		
	W84SSA	07/06/2000	365.2	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	07/06/2000	504	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	07/06/2000	8151	{ND on all 16} analytes				II	54	64	17	27		
	W84SSA	07/06/2000	350.2M	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	07/06/2000	353.2M	NITRATE/NITRITE (AS N)	0.04		MG/L	II	54	64	17	27	10	
	W84SSA	07/06/2000	8021W	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	07/06/2000	8330N	{ND on all 19} analytes				II	54	64	17	27		
	W84SSA	07/06/2000	CYAN	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	07/06/2000	IM40HD	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	07/06/2000	IM40HG	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	07/06/2000	IM40MB	CALCIUM	1920		UG/L	II	54	64	17	27		
	W84SSA	07/06/2000	IM40MB	MAGNESIUM	1520		UG/L	II	54	64	17	27		
	W84SSA	07/06/2000	IM40MB	MANGANESE	29	J	UG/L	II	54	64	17	27		
	W84SSA	07/06/2000	IM40MB	POTASSIUM	865		UG/L	II	54	64	17	27		
	W84SSA	07/06/2000	IM40MB	SODIUM	5640		UG/L	II	54	64	17	27	20000	
	W84SSA	07/06/2000	OC21B	{ND on all 64} analytes				II	54	64	17	27		
	W84SSA	07/06/2000	OC21V	CHLOROFORM	2		UG/L	II	54	64	17	27	80	
	W84SSA	07/06/2000	OL21P	{ND on all 28} analytes				II	54	64	17	27		
	W84SSA	07/06/2000	TOC	TOTAL ORGANIC CARBON	0.8		MG/L	II	54	64	17	27		
	W84SSA	08/28/2000	300.0	CHLORIDE (AS CL)	9		MG/L	II	54	64	17	27		
	W84SSA	08/28/2000	300.0	SULFATE (AS SO4)	5.9		MG/L	II	54	64	17	27		
	W84SSA	08/28/2000	310.1	ALKALINITY, BICARBONATE (AS C	6		MG/L	II	54	64	17	27		
	W84SSA	08/28/2000	310.1	ALKALINITY, TOTAL (AS CACO3)	6		MG/L	II	54	64	17	27		
	W84SSA	08/28/2000	365.2	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	08/28/2000	504	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	08/28/2000	8151	{ND on all 16} analytes				II	54	64	17	27		
	W84SSA	08/28/2000	350.2M	NITROGEN, AMMONIA (AS N)	0.03	J	MG/L	II	54	64	17	27	30	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W84SSA	08/28/2000	353.2M	NITRATE/NITRITE (AS N)	0.05		MG/L	II	54	64	17	27	10	
	W84SSA	08/28/2000	8021W	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	08/28/2000	8330N	{ND on all 19} analytes				II	54	64	17	27		
	W84SSA	08/28/2000	CYAN	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	08/28/2000	E314.0	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	08/28/2000	IM40HD	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	08/28/2000	IM40HG	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	08/28/2000	IM40MB	CALCIUM	1750		UG/L	II	54	64	17	27		
	W84SSA	08/28/2000	IM40MB	MAGNESIUM	1480		UG/L	II	54	64	17	27		
	W84SSA	08/28/2000	IM40MB	MANGANESE	21		UG/L	II	54	64	17	27		
	W84SSA	08/28/2000	IM40MB	POTASSIUM	741	J	UG/L	II	54	64	17	27		
	W84SSA	08/28/2000	IM40MB	SODIUM	6080		UG/L	II	54	64	17	27	20000	
	W84SSA	08/28/2000	OC21V	CHLOROFORM	2		UG/L	II	54	64	17	27	80	
	W84SSA	08/28/2000	OL21P	{ND on all 28} analytes				II	54	64	17	27		
	W84SSA	08/28/2000	SW8270	{ND on all 76} analytes				II	54	64	17	27		
	W84SSA	08/28/2000	TOC	TOTAL ORGANIC CARBON	1.5		MG/L	II	54	64	17	27		
	W84SSA	08/27/2001	8151	{ND on all 18} analytes				II	54	64	17	27		
	W84SSA	08/27/2001	8330NX	{ND on all 22} analytes				II	54	64	17	27		
	W84SSA	08/27/2001	E314.0	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	08/27/2001	ILSBTL	{ND on all 1} analytes				3	54	64	17	27		
	W84SSA	08/27/2001	IM40HD	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	08/27/2001	IM40HG	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	08/27/2001	IM40MB	BARIUM	4.1	J	UG/L	II	54	64	17	27	2000	
	W84SSA	08/27/2001	IM40MB	BORON	7.4		UG/L	II	54	64	17	27	600	
	W84SSA	08/27/2001	IM40MB	CALCIUM	1830		UG/L	II	54	64	17	27		
	W84SSA	08/27/2001	IM40MB	MAGNESIUM	1430		UG/L	II	54	64	17	27		
	W84SSA	08/27/2001	IM40MB	MANGANESE	7.2		UG/L	II	54	64	17	27		
	W84SSA	08/27/2001	IM40MB	POTASSIUM	690		UG/L	II	54	64	17	27		
	W84SSA	08/27/2001	IM40MB	SODIUM	6450		UG/L	II	54	64	17	27	20000	
	W84SSA	08/27/2001	IM40MB	ZINC	5	J	UG/L	II	54	64	17	27	2000	
	W84SSA	08/27/2001	OC21V	CHLOROFORM	2		UG/L	II	54	64	17	27	80	
	W84SSA	08/27/2001	OL21P	{ND on all 28} analytes				II	54	64	17	27		
	W84SSA	08/27/2001	SW8270	{ND on all 77} analytes				II	54	64	17	27		
	W84SSA	08/15/2002	8151	{ND on all 17} analytes				II	54	64	17	27		
	W84SSA	08/15/2002	8330NX	{ND on all 22} analytes				II	54	64	17	27		
	W84SSA	08/15/2002	E314.0	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	08/15/2002	IM40HD	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	08/15/2002	IM40HG	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	08/15/2002	IM40MB	CALCIUM	1780		UG/L	II	54	64	17	27		
	W84SSA	08/15/2002	IM40MB	MAGNESIUM	1350		UG/L	II	54	64	17	27		
	W84SSA	08/15/2002	IM40MB	MANGANESE	4.2		UG/L	II	54	64	17	27		
	W84SSA	08/15/2002	IM40MB	POTASSIUM	814		UG/L	II	54	64	17	27		
	W84SSA	08/15/2002	IM40MB	SODIUM	6160		UG/L	II	54	64	17	27	20000	
	W84SSA	08/15/2002	IM40MB	ZINC	1.6	J	UG/L	II	54	64	17	27	2000	
	W84SSA	08/15/2002	OC21V	CHLOROFORM	2		UG/L	II	54	64	17	27	80	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	W84SSA	08/15/2002	SW8270	{ND on all 78} analytes				II	54	64	17	27		
	W84SSA	01/09/2003	E314.0	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	06/04/2003	E314.0	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	11/24/2003	8151	{ND on all 18} analytes				II	54	64	17	27		
	W84SSA	11/24/2003	6020SB	{ND on all 2} analytes				II	54	64	17	27		
	W84SSA	11/24/2003	8330NX	{ND on all 22} analytes				II	54	64	17	27		
	W84SSA	11/24/2003	E314.0	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	11/24/2003	IM40HD	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	11/24/2003	IM40HG	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	11/24/2003	IM40MB	CALCIUM	1810		UG/L	II	54	64	17	27		
	W84SSA	11/24/2003	IM40MB	MAGNESIUM	1360		UG/L	II	54	64	17	27		
	W84SSA	11/24/2003	IM40MB	MANGANESE	2.9		UG/L	II	54	64	17	27		
	W84SSA	11/24/2003	IM40MB	SODIUM	6220		UG/L	II	54	64	17	27	20000	
	W84SSA	11/24/2003	OC21V	BENZENE	0.3	J	UG/L	II	54	64	17	27	5	
	W84SSA	11/24/2003	OC21V	CHLOROFORM	2		UG/L	II	54	64	17	27	80	
	W84SSA	11/24/2003	SW8270	{ND on all 78} analytes				II	54	64	17	27		
	W84SSA	01/29/2004	E314.0	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	05/10/2004	E314.0	{ND on all 1} analytes				3	54	64	17	27		
	W84SSA	10/12/2004	6020SB	{ND on all 2} analytes				II	54	64	17	27		
	W84SSA	10/12/2004	8330N	{ND on all 19} analytes				II	54	64	17	27		
	W84SSA	10/12/2004	E314.0	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	10/12/2004	IM40HD	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	10/12/2004	IM40HG	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	10/12/2004	IM40MBM	BORON	8.3	J	UG/L	II	54	64	17	27	600	
	W84SSA	10/12/2004	IM40MBM	CALCIUM	1730		UG/L	II	54	64	17	27		
	W84SSA	10/12/2004	IM40MBM	MAGNESIUM	1390		UG/L	II	54	64	17	27		
	W84SSA	10/12/2004	IM40MBM	MANGANESE	1.4	J	UG/L	II	54	64	17	27		
	W84SSA	10/12/2004	IM40MBM	POTASSIUM	602	J	UG/L	II	54	64	17	27		
	W84SSA	10/12/2004	IM40MBM	SODIUM	6110		UG/L	II	54	64	17	27	20000	
	W84SSA	10/12/2004	IM40MBM	ZINC	3	J	UG/L	II	54	64	17	27	2000	
	W84SSA	10/12/2004	OC21VM	CHLOROFORM	1		UG/L	II	54	64	17	27	80	
	W84SSA	10/12/2004	SW8270	{ND on all 77} analytes				II	54	64	17	27		
	W84SSA	01/20/2005	E314.0	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	05/31/2005	E314.0	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	08/29/2005	6020SB	{ND on all 2} analytes				II	54	64	17	27		
	W84SSA	08/29/2005	8330N	{ND on all 19} analytes				II	54	64	17	27		
	W84SSA	08/29/2005	E314.0	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	08/29/2005	IM40HG	{ND on all 1} analytes				II	54	64	17	27		
	W84SSA	08/29/2005	IM40MBM	CALCIUM	1700	J	UG/L	II	54	64	17	27		
	W84SSA	08/29/2005	IM40MBM	MAGNESIUM	1380	J	UG/L	II	54	64	17	27		
	W84SSA	08/29/2005	IM40MBM	SODIUM	6000		UG/L	II	54	64	17	27	20000	
	W84SSA	08/29/2005	IM40MBM	ZINC	3.3	J	UG/L	II	54	64	17	27	2000	
	W84SSA	08/29/2005	OC21VM	CHLOROFORM	2		UG/L	II	54	64	17	27	80	
	W84SSA	08/29/2005	SW8270	{ND on all 78} analytes				II	54	64	17	27		
	W84SSA	12/21/2005	E314.0	{ND on all 1} analytes				II	54	64	17	27		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
ASP	ASPWELL	07/20/1999	8330N	{ND on all 19} analytes				II	0	0				
	ASPWELL	07/20/1999	A3111B	SODIUM	33000	J	UG/L	II	0	0			20000	X
	ASPWELL	07/20/1999	E200.8	BARIUM	17		UG/L	3	0	0			2000	
	ASPWELL	07/20/1999	E200.8	CHROMIUM, TOTAL	0.4		UG/L	3	0	0			100	
	ASPWELL	07/20/1999	E200.8	LEAD	53		UG/L	3	0	0			15	X
	ASPWELL	07/20/1999	E300	{ND on all 1} analytes				3	0	0				
	ASPWELL	07/20/1999	E335.4	{ND on all 1} analytes				3	0	0				
	ASPWELL	07/20/1999	E353.2	{ND on all 1} analytes				3	0	0				
	ASPWELL	07/20/1999	E504.1	{ND on all 2} analytes				3	0	0				
	ASPWELL	07/20/1999	E505	{ND on all 9} analytes				3	0	0				
	ASPWELL	07/20/1999	E515.1	{ND on all 7} analytes				3	0	0				
	ASPWELL	07/20/1999	E524.2	CHLOROFORM	0.5	J	UG/L	3	0	0			80	
	ASPWELL	07/20/1999	E525.2	{ND on all 19} analytes				3	0	0				
	ASPWELL	10/13/1999	8330N	{ND on all 19} analytes				II	0	0				
	ASPWELL	10/13/1999	A3111B	SODIUM	38000		UG/L	II	0	0			20000	X
	ASPWELL	10/13/1999	E200.8	BARIUM	15		UG/L	II	0	0			2000	
	ASPWELL	10/13/1999	E200.8	CHROMIUM, TOTAL	3.3		UG/L	II	0	0			100	
	ASPWELL	10/13/1999	E200.8	LEAD	14		UG/L	II	0	0			15	
	ASPWELL	10/13/1999	E300	{ND on all 1} analytes				II	0	0				
	ASPWELL	10/13/1999	E335.4	{ND on all 1} analytes				II	0	0				
	ASPWELL	10/13/1999	E504.1	{ND on all 2} analytes				II	0	0				
	ASPWELL	10/13/1999	E505	{ND on all 9} analytes				II	0	0				
	ASPWELL	10/13/1999	E515.1	{ND on all 7} analytes				II	0	0				
	ASPWELL	10/13/1999	E524.2	CHLOROFORM	0.3	J	UG/L	II	0	0			80	
	ASPWELL	10/13/1999	E525.2	{ND on all 19} analytes				II	0	0				
	ASPWELL	10/19/1999	E300	{ND on all 1} analytes				NV	0	0				
	ASPWELL	10/19/1999	E353.2	NITROGEN, NITRITE	0.01		MG/L	II	0	0				
	ASPWELL	12/16/1999	E200.8	LEAD	7.4		UG/L	II	0	0			15	
	ASPWELL	08/08/2000	8330N	{ND on all 19} analytes				3	0	0				
	ASPWELLD	08/08/2000	8330N	{ND on all 19} analytes				3	0	0				
	ASPWELL	12/12/2000	IM40PB	LEAD	20.9		UG/L	II	0	0			15	X
	ASPWELL	12/27/2000	A3111B	SODIUM	38		UG/L	II	0	0			20000	
	ASPWELL	12/27/2000	E200.8	BARIUM	14		UG/L	II	0	0			2000	
	ASPWELL	12/27/2000	E200.8	CHROMIUM, TOTAL	0.2		UG/L	II	0	0			100	
	ASPWELL	12/27/2000	E200.8	LEAD	2.2		UG/L	II	0	0			15	
	ASPWELL	12/27/2000	E200.8	NICKEL	0.7		UG/L	II	0	0			100	
	ASPWELL	12/27/2000	E300	{ND on all 1} analytes				II	0	0				
	ASPWELL	12/27/2000	E335.4	{ND on all 1} analytes				II	0	0				
	ASPWELL	12/27/2000	E353.2	{ND on all 1} analytes				II	0	0				
	ASPWELL	12/27/2000	E504.1	{ND on all 2} analytes				II	0	0				
	ASPWELL	12/27/2000	E505	{ND on all 9} analytes				II	0	0				
	ASPWELL	12/27/2000	E515.1	{ND on all 7} analytes				II	0	0				
	ASPWELL	12/27/2000	E524.2	CHLOROFORM	0.8	J	UG/L	II	0	0			80	
	ASPWELL	12/27/2000	E525.2	{ND on all 19} analytes				II	0	0				
	ASPWELL	05/24/2001	IM40HG	{ND on all 1} analytes				II	0	0				

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	ASPWELL	05/24/2001	IM40MB	BARIUM	8.2		UG/L	II	0	0			2000	
	ASPWELL	05/24/2001	IM40MB	BORON	12.9	J	UG/L	II	0	0			600	
	ASPWELL	05/24/2001	IM40MB	CALCIUM	2070		UG/L	II	0	0				
	ASPWELL	05/24/2001	IM40MB	COPPER	326		UG/L	II	0	0			1300	
	ASPWELL	05/24/2001	IM40MB	IRON	4260		UG/L	II	0	0				
	ASPWELL	05/24/2001	IM40MB	LEAD	30.4		UG/L	II	0	0			15	X
	ASPWELL	05/24/2001	IM40MB	MAGNESIUM	1450		UG/L	II	0	0				
	ASPWELL	05/24/2001	IM40MB	MANGANESE	61.6		UG/L	II	0	0				
	ASPWELL	05/24/2001	IM40MB	MOLYBDENUM	1.4	J	UG/L	II	0	0			40	
	ASPWELL	05/24/2001	IM40MB	POTASSIUM	1000		UG/L	II	0	0				
	ASPWELL	05/24/2001	IM40MB	SODIUM	24900		UG/L	II	0	0			20000	X
	ASPWELL	05/24/2001	IM40MB	ZINC	34.8	J	UG/L	II	0	0			2000	
	ASPWELL	09/27/2001	8330N	{ND on all 19} analytes				II	0	0				
	ASPWELL	09/27/2001	A3111B	SODIUM	21000		UG/L	II	0	0			20000	X
	ASPWELL	09/27/2001	E200.8	BARIUM	5.4		UG/L	II	0	0			2000	
	ASPWELL	09/27/2001	E200.8	LEAD	13		UG/L	II	0	0			15	
	ASPWELL	09/27/2001	E300	{ND on all 1} analytes				II	0	0				
	ASPWELL	09/27/2001	E314.0	{ND on all 1} analytes				II	0	0				
	ASPWELL	09/27/2001	E335.4	{ND on all 1} analytes				II	0	0				
	ASPWELL	09/27/2001	E353.2	{ND on all 1} analytes				II	0	0				
	ASPWELL	09/27/2001	E504.1	{ND on all 2} analytes				II	0	0				
	ASPWELL	09/27/2001	E515.1	{ND on all 7} analytes				II	0	0				
	ASPWELL	09/27/2001	E524.2	CHLOROFORM	0.6		UG/L	II	0	0			80	
	ASPWELL	09/27/2001	E525.2	{ND on all 19} analytes				II	0	0				
	ASPWELL	09/27/2001	IM40HD	{ND on all 1} analytes				II	0	0				
	ASPWELL	09/27/2001	IM40HG	{ND on all 1} analytes				II	0	0				
	ASPWELL	09/27/2001	IM40MB	BARIUM	5.9	J	UG/L	II	0	0			2000	
	ASPWELL	09/27/2001	IM40MB	CALCIUM	1550		UG/L	II	0	0				
	ASPWELL	09/27/2001	IM40MB	COPPER	353		UG/L	II	0	0			1300	
	ASPWELL	09/27/2001	IM40MB	IRON	1580		UG/L	II	0	0				
	ASPWELL	09/27/2001	IM40MB	LEAD	13.4		UG/L	II	0	0			15	
	ASPWELL	09/27/2001	IM40MB	MAGNESIUM	1090		UG/L	II	0	0				
	ASPWELL	09/27/2001	IM40MB	MANGANESE	51.4		UG/L	II	0	0				
	ASPWELL	09/27/2001	IM40MB	POTASSIUM	894		UG/L	II	0	0				
	ASPWELL	09/27/2001	IM40MB	SODIUM	22600		UG/L	II	0	0			20000	X
	ASPWELL	09/27/2001	IM40MB	ZINC	18.2		UG/L	II	0	0			2000	
	ASPWELL	10/26/2001	E505	{ND on all 9} analytes				II	0	0				
	ASPWELL	12/19/2001	ILSBTL	{ND on all 2} analytes				II	0	0				
	ASPWELL	12/19/2001	IM40HD	{ND on all 1} analytes				3	0	0				
	ASPWELL	12/19/2001	IM40HG	{ND on all 1} analytes				3	0	0				
	ASPWELL	12/19/2001	IM40MB	BORON	7.5	J	UG/L	3	0	0			600	
	ASPWELL	12/19/2001	IM40MB	CALCIUM	2240		UG/L	3	0	0				
	ASPWELL	12/19/2001	IM40MB	COPPER	286		UG/L	3	0	0			1300	
	ASPWELL	12/19/2001	IM40MB	IRON	1180		UG/L	3	0	0				
	ASPWELL	12/19/2001	IM40MB	LEAD	14		UG/L	3	0	0			15	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	ASPWELL	12/19/2001	IM40MB	MAGNESIUM	1600		UG/L	3	0	0				
	ASPWELL	12/19/2001	IM40MB	MANGANESE	15		UG/L	3	0	0				
	ASPWELL	12/19/2001	IM40MB	POTASSIUM	1200		UG/L	3	0	0				
	ASPWELL	12/19/2001	IM40MB	SODIUM	28500		UG/L	3	0	0			20000	X
	ASPWELL	12/19/2001	IM40MB	ZINC	8		UG/L	3	0	0			2000	
	ASPWELL	06/11/2002	E314.0	{ND on all 1} analytes				II	0	0				
	ASPWELL	06/11/2002	ILSBTL	{ND on all 2} analytes				II	0	0				
	ASPWELL	06/11/2002	IM40HD	{ND on all 1} analytes				II	0	0				
	ASPWELL	06/11/2002	IM40HG	{ND on all 1} analytes				II	0	0				
	ASPWELL	06/11/2002	IM40MB	ALUMINUM	20.8	J	UG/L	II	0	0				
	ASPWELL	06/11/2002	IM40MB	BORON	7.3	J	UG/L	II	0	0			600	
	ASPWELL	06/11/2002	IM40MB	CALCIUM	1190		UG/L	II	0	0				
	ASPWELL	06/11/2002	IM40MB	CHROMIUM, TOTAL	0.99	J	UG/L	II	0	0			100	
	ASPWELL	06/11/2002	IM40MB	COPPER	46.2		UG/L	II	0	0			1300	
	ASPWELL	06/11/2002	IM40MB	IRON	454		UG/L	II	0	0				
	ASPWELL	06/11/2002	IM40MB	LEAD	4.2		UG/L	II	0	0			15	
	ASPWELL	06/11/2002	IM40MB	MAGNESIUM	735		UG/L	II	0	0				
	ASPWELL	06/11/2002	IM40MB	MANGANESE	11.3		UG/L	II	0	0				
	ASPWELL	06/11/2002	IM40MB	NICKEL	2.6		UG/L	II	0	0			100	
	ASPWELL	06/11/2002	IM40MB	POTASSIUM	641		UG/L	II	0	0				
	ASPWELL	06/11/2002	IM40MB	SODIUM	14900		UG/L	II	0	0			20000	
	ASPWELL	06/11/2002	IM40MB	ZINC	4.1		UG/L	II	0	0			2000	
	ASPWELL-A	09/19/2002	8330N	{ND on all 19} analytes				II	0	0				
	ASPWELL-A	09/19/2002	A3111B	SODIUM	16600		UG/L	II	0	0			20000	
	ASPWELL-A	09/19/2002	E200.8	BARIUM	3.4	J	UG/L	II	0	0			2000	
	ASPWELL-A	09/19/2002	E200.8	LEAD	4.82		UG/L	II	0	0			15	
	ASPWELL-A	09/19/2002	E200.8	NICKEL	1.19	J	UG/L	II	0	0			100	
	ASPWELL-A	09/19/2002	E245.1	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	09/19/2002	E300	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	09/19/2002	E314.0	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	09/19/2002	E335.4	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	09/19/2002	E353.2	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	09/19/2002	E504.1	{ND on all 2} analytes				II	0	0				
	ASPWELL-A	09/19/2002	E505	{ND on all 9} analytes				II	0	0				
	ASPWELL-A	09/19/2002	E515.1	{ND on all 7} analytes				II	0	0				
	ASPWELL-A	09/19/2002	E524.2	BROMODICHLOROMETHANE	0.5		UG/L	II	0	0			100	
	ASPWELL-A	09/19/2002	E524.2	CHLOROFORM	1.1		UG/L	II	0	0			80	
	ASPWELL-A	09/19/2002	E524.2	TERT-BUTYL METHYL ETHER	0.5		UG/L	II	0	0			20	
	ASPWELL-A	09/19/2002	E525.2	{ND on all 19} analytes				II	0	0				
	ASPWELL-A	09/19/2002	ILSBTL	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	09/19/2002	IM40HD	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	09/19/2002	IM40HG	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	09/19/2002	IM40MB	BORON	6.5	J	UG/L	II	0	0			600	
	ASPWELL-A	09/19/2002	IM40MB	CALCIUM	1390		UG/L	II	0	0				
	ASPWELL-A	09/19/2002	IM40MB	COPPER	164		UG/L	II	0	0			1300	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	ASPWELL-A	09/19/2002	IM40MB	IRON	252		UG/L	II	0	0				
	ASPWELL-A	09/19/2002	IM40MB	LEAD	2.1	J	UG/L	II	0	0			15	
	ASPWELL-A	09/19/2002	IM40MB	MAGNESIUM	838		UG/L	II	0	0				
	ASPWELL-A	09/19/2002	IM40MB	MANGANESE	2.8	J	UG/L	II	0	0				
	ASPWELL-A	09/19/2002	IM40MB	POTASSIUM	693		UG/L	II	0	0				
	ASPWELL-A	09/19/2002	IM40MB	SODIUM	16900		UG/L	II	0	0			20000	
	ASPWELL-A	09/19/2002	IM40MB	ZINC	12.7	J	UG/L	II	0	0			2000	
	ASPWELL-A	02/21/2003	6020SB	{ND on all 2} analytes				II	0	0				
	ASPWELL-A	02/21/2003	E314.0	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	02/21/2003	IM40HD	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	02/21/2003	IM40HG	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	02/21/2003	IM40MB	CALCIUM	1080		UG/L	II	0	0				
	ASPWELL-A	02/21/2003	IM40MB	COPPER	44.4		UG/L	II	0	0			1300	
	ASPWELL-A	02/21/2003	IM40MB	IRON	51.2	J	UG/L	II	0	0				
	ASPWELL-A	02/21/2003	IM40MB	MAGNESIUM	687		UG/L	II	0	0				
	ASPWELL-A	02/21/2003	IM40MB	MANGANESE	0.51	J	UG/L	II	0	0				
	ASPWELL-A	02/21/2003	IM40MB	POTASSIUM	462		UG/L	II	0	0				
	ASPWELL-A	02/21/2003	IM40MB	SODIUM	15800		UG/L	II	0	0			20000	
	ASPWELL-A	07/11/2003	6020SB	{ND on all 2} analytes				3	0	0				
	ASPWELL-A	07/11/2003	E314.0	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	07/11/2003	IM40HD	{ND on all 1} analytes				3	0	0				
	ASPWELL-A	07/11/2003	IM40HG	{ND on all 1} analytes				3	0	0				
	ASPWELL-A	07/11/2003	IM40MB	BORON	9.5		UG/L	3	0	0			600	
	ASPWELL-A	07/11/2003	IM40MB	CADMIUM	0.43	J	UG/L	3	0	0			5	
	ASPWELL-A	07/11/2003	IM40MB	CALCIUM	607		UG/L	3	0	0				
	ASPWELL-A	07/11/2003	IM40MB	COPPER	48.5		UG/L	3	0	0			1300	
	ASPWELL-A	07/11/2003	IM40MB	MAGNESIUM	314	J	UG/L	3	0	0				
	ASPWELL-A	07/11/2003	IM40MB	MANGANESE	1.2	J	UG/L	3	0	0				
	ASPWELL-A	07/11/2003	IM40MB	MOLYBDENUM	2.3	J	UG/L	3	0	0			40	
	ASPWELL-A	07/11/2003	IM40MB	POTASSIUM	450	J	UG/L	3	0	0				
	ASPWELL-A	07/11/2003	IM40MB	SODIUM	10700		UG/L	3	0	0			20000	
	ASPWELL-A	11/20/2003	6020SB	{ND on all 2} analytes				II	0	0				
	ASPWELL-A	11/20/2003	8330N	{ND on all 19} analytes				II	0	0				
	ASPWELL-A	11/20/2003	A3111B	SODIUM	11000		UG/L	II	0	0			20000	
	ASPWELL-D	11/20/2003	A3111B	SODIUM	10		MG/L	II	0	0				
	ASPWELL-A	11/20/2003	E200.8	LEAD	1.4	J	UG/L	II	0	0			15	
	ASPWELL-D	11/20/2003	E200.8	LEAD	1.7	J	UG/L	II	0	0			15	
	ASPWELL-A	11/20/2003	E200.8	NICKEL	1.4	J	UG/L	II	0	0			100	
	ASPWELL-D	11/20/2003	E200.8	NICKEL	1.4	J	UG/L	II	0	0			100	
	ASPWELL-A	11/20/2003	E245.1	{ND on all 1} analytes				II	0	0				
	ASPWELL-D	11/20/2003	E245.1	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	11/20/2003	E300	{ND on all 1} analytes				II	0	0				
	ASPWELL-D	11/20/2003	E300	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	11/20/2003	E314.0	{ND on all 1} analytes				3	0	0				
	ASPWELL-A	11/20/2003	E335.4	{ND on all 1} analytes				II	0	0				

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	ASPWELL-D	11/20/2003	E335.4	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	11/20/2003	E353.2	{ND on all 1} analytes				II	0	0				
	ASPWELL-D	11/20/2003	E353.2	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	11/20/2003	E504.1	{ND on all 2} analytes				II	0	0				
	ASPWELL-D	11/20/2003	E504.1	{ND on all 2} analytes				II	0	0				
	ASPWELL-A	11/20/2003	E505	{ND on all 9} analytes				II	0	0				
	ASPWELL-D	11/20/2003	E505	{ND on all 9} analytes				II	0	0				
	ASPWELL-A	11/20/2003	E515.1	{ND on all 7} analytes				II	0	0				
	ASPWELL-D	11/20/2003	E515.1	{ND on all 7} analytes				II	0	0				
	ASPWELL-A	11/20/2003	E524.2	CHLOROFORM	0.7		UG/L	II	0	0			80	
	ASPWELL-D	11/20/2003	E524.2	CHLOROFORM	0.7		UG/L	II	0	0			80	
	ASPWELL-D	11/20/2003	E525.2	{ND on all 19} analytes				II	0	0				
	ASPWELL-A	11/20/2003	E525.2	BIS(2-ETHYLHEXYL) PHTHALATE	0.6		UG/L	II	0	0			6	
	ASPWELL-A	11/20/2003	IM40HD	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	11/20/2003	IM40HG	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	11/20/2003	IM40MB	BORON	6.4	J	UG/L	II	0	0			600	
	ASPWELL-A	11/20/2003	IM40MB	CALCIUM	680		UG/L	II	0	0				
	ASPWELL-A	11/20/2003	IM40MB	COPPER	205		UG/L	II	0	0			1300	
	ASPWELL-A	11/20/2003	IM40MB	IRON	106		UG/L	II	0	0				
	ASPWELL-A	11/20/2003	IM40MB	MAGNESIUM	381		UG/L	II	0	0				
	ASPWELL-A	11/20/2003	IM40MB	MANGANESE	2.2		UG/L	II	0	0				
	ASPWELL-A	11/20/2003	IM40MB	SODIUM	10200		UG/L	II	0	0			20000	
	ASPWELL-A	11/20/2003	SW8270	{ND on all 77} analytes				II	0	0				
	ASPWELL-A	01/22/2004	6020SB	{ND on all 2} analytes				II	0	0				
	ASPWELL-A	01/22/2004	E314.0	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	01/22/2004	IM40HD	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	01/22/2004	IM40HG	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	01/22/2004	IM40MB	CALCIUM	766	J	UG/L	II	0	0				
	ASPWELL-A	01/22/2004	IM40MB	COPPER	57.6		UG/L	II	0	0			1300	
	ASPWELL-A	01/22/2004	IM40MB	IRON	62.4	J	UG/L	II	0	0				
	ASPWELL-A	01/22/2004	IM40MB	POTASSIUM	480	J	UG/L	II	0	0				
	ASPWELL-A	01/22/2004	IM40MB	SODIUM	12600		UG/L	II	0	0			20000	
	ASPWELL-A	07/22/2004	E314.0	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	10/13/2004	6020SB	{ND on all 2} analytes				II	0	0				
	ASPWELL-A	10/13/2004	8330N	{ND on all 19} analytes				II	0	0				
	ASPWELL-A	10/13/2004	E200.7	SODIUM	29000		UG/L	II	0	0			20000	X
	ASPWELL-A	10/13/2004	E200.8	BARIUM	7.2		UG/L	II	0	0			2000	
	ASPWELL-A	10/13/2004	E200.8	CHROMIUM, TOTAL	26		UG/L	II	0	0			100	
	ASPWELL-A	10/13/2004	E200.8	LEAD	1.9	J	UG/L	II	0	0			15	
	ASPWELL-A	10/13/2004	E200.8	NICKEL	66		UG/L	II	0	0			100	
	ASPWELL-A	10/13/2004	E300	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	10/13/2004	E314.0	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	10/13/2004	E335.4	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	10/13/2004	E353.2	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	10/13/2004	E504.1	{ND on all 2} analytes				II	0	0				

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	ASPWELL-A	10/13/2004	E505	{ND on all 9} analytes				II	0	0				
	ASPWELL-A	10/13/2004	E515.3	{ND on all 7} analytes				II	0	0				
	ASPWELL-A	10/13/2004	E524.2	CHLOROFORM	0.6		UG/L	II	0	0			80	
	ASPWELL-A	10/13/2004	E525.2	BIS(2-ETHYLHEXYL) PHTHALATE	0.7	J	UG/L	II	0	0			6	
	ASPWELL-A	10/13/2004	IM40HD	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	10/13/2004	IM40HG	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	10/13/2004	IM40HG	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	10/13/2004	IM40MBM	BORON	9.3	J	UG/L	II	0	0			600	
	ASPWELL-A	10/13/2004	IM40MBM	CALCIUM	3810		UG/L	II	0	0				
	ASPWELL-A	10/13/2004	IM40MBM	CHROMIUM, TOTAL	22.8		UG/L	II	0	0			100	
	ASPWELL-A	10/13/2004	IM40MBM	COPPER	632		UG/L	II	0	0			1300	
	ASPWELL-A	10/13/2004	IM40MBM	IRON	76.5		UG/L	II	0	0				
	ASPWELL-A	10/13/2004	IM40MBM	MAGNESIUM	2290		UG/L	II	0	0				
	ASPWELL-A	10/13/2004	IM40MBM	MANGANESE	13.2		UG/L	II	0	0				
	ASPWELL-A	10/13/2004	IM40MBM	NICKEL	64.8		UG/L	II	0	0			100	
	ASPWELL-A	10/13/2004	IM40MBM	POTASSIUM	1140		UG/L	II	0	0				
	ASPWELL-A	10/13/2004	IM40MBM	SODIUM	29700		UG/L	II	0	0			20000	X
	ASPWELL-A	10/13/2004	IM40MBM	ZINC	32.6		UG/L	II	0	0			2000	
	ASPWELL-A	10/13/2004	SW8270	{ND on all 77} analytes				II	0	0				
	ASPWELL-A	03/10/2005	E314.0	{ND on all 1} analytes				II	0	0				
	ASPWELL-D	03/10/2005	E314.0	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	06/08/2005	E314.0	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	08/23/2005	6020SB	{ND on all 2} analytes				II	0	0				
	ASPWELL-A	08/23/2005	8330N	{ND on all 19} analytes				II	0	0				
	ASPWELL-A	08/23/2005	E314.0	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	08/23/2005	IM40HG	{ND on all 1} analytes				II	0	0				
	ASPWELL-A	08/23/2005	IM40MBM	CALCIUM	1170	J	UG/L	II	0	0				
	ASPWELL-A	08/23/2005	IM40MBM	CHROMIUM, TOTAL	1.3	J	UG/L	II	0	0			100	
	ASPWELL-A	08/23/2005	IM40MBM	COPPER	442		UG/L	II	0	0			1300	
	ASPWELL-A	08/23/2005	IM40MBM	MAGNESIUM	704	J	UG/L	II	0	0				
	ASPWELL-A	08/23/2005	IM40MBM	MANGANESE	1.5	J	UG/L	II	0	0				
	ASPWELL-A	08/23/2005	IM40MBM	NICKEL	13.2	J	UG/L	II	0	0			100	
	ASPWELL-A	08/23/2005	IM40MBM	SODIUM	12800		UG/L	II	0	0			20000	
	ASPWELL-A	08/23/2005	IM40MBM	ZINC	37.6		UG/L	II	0	0			2000	
	ASPWELL-A	08/23/2005	SW8270	2-METHYLNAPHTHALENE	0.29	J	UG/L	II	0	0				
	ASPWELL-A	01/18/2006	E314.0	{ND on all 1} analytes				3	0	0				
RANGECON	RANGECON	07/15/1999	8330N	{ND on all 19} analytes				II	260	270	30	40		
	RANGECOND	07/15/1999	8330N	{ND on all 19} analytes				II	260	270	30	40		
	RANGECON	07/15/1999	A3111B	SODIUM	5800		UG/L	II	260	270	30	40	20000	
	RANGECOND	07/15/1999	A3111B	SODIUM	5800		UG/L	II	260	270	30	40	20000	
	RANGECON	07/15/1999	E200.8	BARIUM	1.3		UG/L	3	260	270	30	40	2000	
	RANGECOND	07/15/1999	E200.8	BARIUM	1.2		UG/L	3	260	270	30	40	2000	
	RANGECON	07/15/1999	E200.8	CHROMIUM, TOTAL	1.3		UG/L	3	260	270	30	40	100	
	RANGECOND	07/15/1999	E200.8	CHROMIUM, TOTAL	1.2		UG/L	3	260	270	30	40	100	
	RANGECON	07/15/1999	E200.8	LEAD	0.8		UG/L	3	260	270	30	40	15	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	RANGECOND	07/15/1999	E200.8	LEAD	1		UG/L	3	260	270	30	40	15	
	RANGECON	07/15/1999	E300	{ND on all 1} analytes				3	260	270	30	40		
	RANGECOND	07/15/1999	E300	{ND on all 1} analytes				3	260	270	30	40		
	RANGECON	07/15/1999	E335.4	{ND on all 1} analytes				3	260	270	30	40		
	RANGECOND	07/15/1999	E335.4	{ND on all 1} analytes				3	260	270	30	40		
	RANGECON	07/15/1999	E353.2	{ND on all 1} analytes				3	260	270	30	40		
	RANGECOND	07/15/1999	E353.2	{ND on all 1} analytes				3	260	270	30	40		
	RANGECON	07/15/1999	E504.1	{ND on all 2} analytes				3	260	270	30	40		
	RANGECOND	07/15/1999	E504.1	{ND on all 2} analytes				3	260	270	30	40		
	RANGECON	07/15/1999	E505	{ND on all 9} analytes				3	260	270	30	40		
	RANGECOND	07/15/1999	E505	{ND on all 9} analytes				3	260	270	30	40		
	RANGECON	07/15/1999	E515.1	{ND on all 7} analytes				3	260	270	30	40		
	RANGECOND	07/15/1999	E515.1	{ND on all 7} analytes				3	260	270	30	40		
	RANGECON	07/15/1999	E524.2	CHLOROFORM	0.4	J	UG/L	3	260	270	30	40	80	
	RANGECOND	07/15/1999	E524.2	CHLOROFORM	0.4	J	UG/L	3	260	270	30	40	80	
	RANGECON	07/15/1999	E525.2	{ND on all 19} analytes				3	260	270	30	40		
	RANGECOND	07/15/1999	E525.2	{ND on all 19} analytes				3	260	270	30	40		
	RANGECON	10/13/1999	E524.2	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON	10/14/1999	8330N	{ND on all 19} analytes				II	260	270	30	40		
	RANGECON	10/14/1999	A3111B	SODIUM	5800		UG/L	II	260	270	30	40	20000	
	RANGECON	10/14/1999	E200.8	BARIUM	1.2		UG/L	II	260	270	30	40	2000	
	RANGECON	10/14/1999	E200.8	CHROMIUM, TOTAL	1.8		UG/L	II	260	270	30	40	100	
	RANGECON	10/14/1999	E200.8	LEAD	3.2		UG/L	II	260	270	30	40	15	
	RANGECON	10/14/1999	E300	{ND on all 1} analytes				NV	260	270	30	40		
	RANGECON	10/14/1999	E335.4	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON	10/14/1999	E504.1	{ND on all 2} analytes				II	260	270	30	40		
	RANGECON	10/14/1999	E505	{ND on all 9} analytes				II	260	270	30	40		
	RANGECON	10/14/1999	E515.1	{ND on all 7} analytes				II	260	270	30	40		
	RANGECON	10/14/1999	E524.2	CHLOROFORM	0.5	J	UG/L	II	260	270	30	40	80	
	RANGECON	10/14/1999	E525.2	{ND on all 19} analytes				II	260	270	30	40		
	RANGECON	10/19/1999	E300	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON	10/19/1999	E353.2	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON	08/07/2000	8330N	{ND on all 19} analytes				II	260	270	30	40		
	RANGECON	12/26/2000	A3111B	SODIUM	5400		UG/L	II	260	270	30	40	20000	
	RANGECON	12/26/2000	E200.8	BARIUM	1.1		UG/L	II	260	270	30	40	2000	
	RANGECON	12/26/2000	E200.8	CHROMIUM, TOTAL	0.3		UG/L	II	260	270	30	40	100	
	RANGECON	12/26/2000	E200.8	LEAD	0.8		UG/L	II	260	270	30	40	15	
	RANGECON	12/26/2000	E300	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON	12/26/2000	E335.4	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON	12/26/2000	E353.2	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON	12/26/2000	E504.1	{ND on all 2} analytes				II	260	270	30	40		
	RANGECON	12/26/2000	E505	{ND on all 9} analytes				II	260	270	30	40		
	RANGECON	12/26/2000	E515.1	{ND on all 7} analytes				II	260	270	30	40		
	RANGECON	12/26/2000	E524.2	CHLOROFORM	0.3	J	UG/L	II	260	270	30	40	80	
	RANGECON	12/26/2000	E525.2	{ND on all 19} analytes				II	260	270	30	40		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	RANGECON	09/26/2001	A3111B	SODIUM	4000		UG/L	II	260	270	30	40	20000	
	RANGECON	09/26/2001	E200.8	LEAD	2.8		UG/L	II	260	270	30	40	15	
	RANGECON	09/26/2001	E300	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON	09/26/2001	E335.4	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON	09/26/2001	E353.2	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON	09/26/2001	E504.1	{ND on all 2} analytes				II	260	270	30	40		
	RANGECON	09/26/2001	E515.1	{ND on all 7} analytes				II	260	270	30	40		
	RANGECON	09/26/2001	E524.2	{ND on all 61} analytes				II	260	270	30	40		
	RANGECON	09/26/2001	E525.2	{ND on all 19} analytes				II	260	270	30	40		
	RANGECON	09/28/2001	8330N	{ND on all 19} analytes				II	260	270	30	40		
	RANGECON	10/24/2001	E505	{ND on all 9} analytes				II	260	270	30	40		
	RANGECON	04/11/2002	E314.0	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON	07/16/2002	OC21V	ACETONE	2	J	UG/L	3	260	270	30	40		
	RANGECON	07/16/2002	OC21V	CHLOROFORM	1		UG/L	3	260	270	30	40	80	
	RANGECON-A	09/17/2002	8330N	{ND on all 19} analytes				II	260	270	30	40		
	RANGECON-D	09/17/2002	8330N	{ND on all 19} analytes				II	260	270	30	40		
	RANGECON-A	09/17/2002	A3111B	SODIUM	5190		UG/L	II	260	270	30	40	20000	
	RANGECON-D	09/17/2002	A3111B	SODIUM	5270		UG/L	II	260	270	30	40	20000	
	RANGECON-D	09/17/2002	E200.8	{ND on all 10} analytes				II	260	270	30	40		
	RANGECON-A	09/17/2002	E200.8	LEAD	1.01	J	UG/L	II	260	270	30	40	15	
	RANGECON-A	09/17/2002	E245.1	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON-D	09/17/2002	E245.1	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON-A	09/17/2002	E300	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON-D	09/17/2002	E300	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON-A	09/17/2002	E314.0	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON-D	09/17/2002	E314.0	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON-A	09/17/2002	E335.4	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON-D	09/17/2002	E335.4	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON-A	09/17/2002	E353.2	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON-D	09/17/2002	E353.2	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON-A	09/17/2002	E504.1	{ND on all 2} analytes				II	260	270	30	40		
	RANGECON-D	09/17/2002	E504.1	{ND on all 2} analytes				II	260	270	30	40		
	RANGECON-A	09/17/2002	E505	{ND on all 9} analytes				II	260	270	30	40		
	RANGECON-D	09/17/2002	E505	{ND on all 9} analytes				II	260	270	30	40		
	RANGECON-A	09/17/2002	E515.1	{ND on all 7} analytes				II	260	270	30	40		
	RANGECON-D	09/17/2002	E515.1	{ND on all 7} analytes				II	260	270	30	40		
	RANGECON-A	09/17/2002	E524.2	CHLOROFORM	1.2		UG/L	II	260	270	30	40	80	
	RANGECON-D	09/17/2002	E524.2	CHLOROFORM	1.2		UG/L	II	260	270	30	40	80	
	RANGECON-A	09/17/2002	E525.2	{ND on all 19} analytes				II	260	270	30	40		
	RANGECON-D	09/17/2002	E525.2	{ND on all 19} analytes				II	260	270	30	40		
	RANGECON-A	09/25/2002	OC21V	CHLOROFORM	1		UG/L	II	260	270	30	40	80	
	RANGECON-A	02/03/2003	E314.0	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON-A	04/30/2003	E314.0	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON-A	11/20/2003	8330N	{ND on all 19} analytes				II	260	270	30	40		
	RANGECON-A	11/20/2003	A3111B	SODIUM	5800		UG/L	II	260	270	30	40	20000	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	RANGECON-A	11/20/2003	E200.8	LEAD	5.2		UG/L	II	260	270	30	40	15	
	RANGECON-A	11/20/2003	E200.8	NICKEL	17	J	UG/L	II	260	270	30	40	100	
	RANGECON-A	11/20/2003	E245.1	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON-A	11/20/2003	E300	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON-A	11/20/2003	E314.0	{ND on all 1} analytes				3	260	270	30	40		
	RANGECON-A	11/20/2003	E335.4	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON-A	11/20/2003	E353.2	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON-A	11/20/2003	E504.1	{ND on all 2} analytes				II	260	270	30	40		
	RANGECON-A	11/20/2003	E505	{ND on all 9} analytes				II	260	270	30	40		
	RANGECON-A	11/20/2003	E515.1	{ND on all 7} analytes				II	260	270	30	40		
	RANGECON-A	11/20/2003	E524.2	CHLOROFORM	1.5		UG/L	II	260	270	30	40	80	
	RANGECON-A	11/20/2003	E525.2	{ND on all 19} analytes				II	260	270	30	40		
	RANGECON-A	11/20/2003	OC21V	CHLOROFORM	2		UG/L	II	260	270	30	40	80	
	RANGECON-A	12/18/2003	E314.0	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON-A	05/20/2004	E314.0	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON-A	10/12/2004	8330N	{ND on all 19} analytes				II	260	270	30	40		
	RANGECON-A	10/12/2004	E200.7	SODIUM	5700		UG/L	II	260	270	30	40	20000	
	RANGECON-D	10/12/2004	E200.7	SODIUM	5700		UG/L	II	260	270	30	40	20000	
	RANGECON-D	10/12/2004	E200.8	LEAD	1.2	J	UG/L	II	260	270	30	40	15	
	RANGECON-A	10/12/2004	E200.8	NICKEL	1.1	J	UG/L	II	260	270	30	40	100	
	RANGECON-D	10/12/2004	E200.8	NICKEL	1.1	J	UG/L	II	260	270	30	40	100	
	RANGECON-A	10/12/2004	E300	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON-D	10/12/2004	E300	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON-A	10/12/2004	E314.0	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON-A	10/12/2004	E335.4	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON-D	10/12/2004	E335.4	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON-A	10/12/2004	E353.2	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON-D	10/12/2004	E353.2	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON-A	10/12/2004	E504.1	{ND on all 2} analytes				II	260	270	30	40		
	RANGECON-D	10/12/2004	E504.1	{ND on all 2} analytes				II	260	270	30	40		
	RANGECON-A	10/12/2004	E505	{ND on all 9} analytes				II	260	270	30	40		
	RANGECON-D	10/12/2004	E505	{ND on all 9} analytes				II	260	270	30	40		
	RANGECON-A	10/12/2004	E515.3	{ND on all 7} analytes				II	260	270	30	40		
	RANGECON-D	10/12/2004	E515.3	{ND on all 7} analytes				II	260	270	30	40		
	RANGECON-A	10/12/2004	E524.2	CHLOROFORM	1.3		UG/L	II	260	270	30	40	80	
	RANGECON-D	10/12/2004	E524.2	CHLOROFORM	1.3		UG/L	II	260	270	30	40	80	
	RANGECON-A	10/12/2004	E525.2	{ND on all 19} analytes				II	260	270	30	40		
	RANGECON-D	10/12/2004	E525.2	{ND on all 19} analytes				II	260	270	30	40		
	RANGECON-A	10/12/2004	IM40HG	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON-D	10/12/2004	IM40HG	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON-A	10/12/2004	SW8270	{ND on all 77} analytes				II	260	270	30	40		
	RANGECON-A	01/31/2005	E314.0	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON-A	05/26/2005	E314.0	{ND on all 1} analytes				II	260	270	30	40		
	RANGECON-A	08/23/2005	8330N	{ND on all 19} analytes				II	260	270	30	40		
	RANGECON-A	08/23/2005	E314.0	{ND on all 1} analytes				II	260	270	30	40		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	RANGECON-A	08/23/2005	SW8270	{ND on all 78} analytes				II	260	270	30	40		
	RANGECON-A	01/18/2006	E314.0	{ND on all 1} analytes				3	260	270	30	40		
SPRING	SPRING1A	03/02/2002	8330N	{ND on all 19} analytes				II	0	0	0	0		
	SPRING1A	03/02/2002	E314.0	{ND on all 1} analytes				II	0	0	0	0		
	SPRING1A	04/05/2002	8330N	{ND on all 19} analytes				3	0	0	0	0		
	SPRING1A	04/05/2002	E314.0	{ND on all 1} analytes				II	0	0	0	0		
	SPRING1A	04/05/2002	OC21V	CHLOROFORM	2		UG/L	3	0	0	0	0	80	
	SPRING1A	05/09/2002	8330N	{ND on all 19} analytes				II	0	0	0	0		
	SPRING1A	05/09/2002	E314.0	{ND on all 1} analytes				3	0	0	0	0		
	SPRING1A	05/09/2002	OC21V	CHLOROFORM	2		UG/L	II	0	0	0	0	80	
	SPRING1A	06/10/2002	8330N	{ND on all 19} analytes				II	0	0	0	0		
	SPRING1A	06/10/2002	E314.0	{ND on all 1} analytes				II	0	0	0	0		
	SPRING1A	06/10/2002	OC21V	CHLOROFORM	1		UG/L	II	0	0	0	0	80	
	SPRING1A	07/18/2002	E314.0	{ND on all 1} analytes				3	0	0	0	0		
	SPRING1-A	08/17/2002	E314.0	{ND on all 1} analytes				3	0	0	0	0		
	SPRING1-D	08/17/2002	E314.0	{ND on all 1} analytes				3	0	0	0	0		
	SPRING1A	09/14/2002	E314.0	{ND on all 1} analytes				II	0	0	0	0		
	SPRING1-A	10/11/2002	8330N	{ND on all 19} analytes				II	0	0	0	0		
	SPRING1-A	10/11/2002	E314.0	{ND on all 1} analytes				II	0	0	0	0		
	SPRING1-A	10/11/2002	OC21V	CHLOROFORM	2		UG/L	II	0	0	0	0	80	
	SPRING1-A	12/10/2002	8330N	{ND on all 19} analytes				II	0	0	0	0		
	SPRING1-A	12/10/2002	E314.0	{ND on all 1} analytes				II	0	0	0	0		
	SPRING1-A	12/10/2002	OC21V	CHLOROFORM	2		UG/L	II	0	0	0	0	80	
	SPRING1-A	12/10/2002	OC21V	TOLUENE	0.7	J	UG/L	II	0	0	0	0	1000	
	SPRING1-A	01/20/2003	E314.0	{ND on all 1} analytes				II	0	0	0	0		
	SPRING1-A	02/24/2003	E314.0	{ND on all 1} analytes				3	0	0	0	0		
	SPRING1-D	02/24/2003	E314.0	{ND on all 1} analytes				3	0	0	0	0		
	SPRING1-A	05/02/2003	E314.0	{ND on all 1} analytes				II	0	0	0	0		
	SPRING1-A	09/22/2003	E314.0	{ND on all 1} analytes				II	0	0	0	0		
	SPRING1-A	12/18/2003	E314.0	{ND on all 1} analytes				II	0	0	0	0		
	SPRING1-D	12/18/2003	E314.0	{ND on all 1} analytes				II	0	0	0	0		
	SPRING1-A	02/24/2005	E314.0	{ND on all 1} analytes				3	0	0	0	0		
	SPRING1-A	11/02/2005	E314.0	{ND on all 1} analytes				3	0	0	0	0		
	SPRING1-D	11/02/2005	E314.0	{ND on all 1} analytes				3	0	0	0	0		
WS-4	WS4-AAA	04/12/2002	8330N	{ND on all 19} analytes				II	200	220	140	160		
	WS4-AAA	04/12/2002	E314.0	{ND on all 1} analytes				II	200	220	140	160		
	WS4-AAA	04/12/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	200	220	140	160	80	
	WS4-AAA	06/24/2002	8330N	{ND on all 19} analytes				II	200	220	140	160		
	WS4-AAA	06/24/2002	E314.0	{ND on all 1} analytes				II	200	220	140	160		
	WS4-AAA	06/24/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	200	220	140	160	80	
	WS4-AAA	06/24/2002	OC21V	TOLUENE	0.3	J	UG/L	II	200	220	140	160	1000	
	WS4-AAA	07/24/2002	8330N	{ND on all 19} analytes				II	200	220	140	160		
	WS4-AAA	07/24/2002	E314.0	{ND on all 1} analytes				3	200	220	140	160		
	WS4-AAA	07/24/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	200	220	140	160	80	
WS-4	WS4-BAA	04/12/2002	8330N	{ND on all 19} analytes				II	200	220	140	160		

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	WS4-BAA	04/12/2002	E314.0	{ND on all 1} analytes				II	200	220	140	160		
	WS4-BAA	04/12/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	200	220	140	160	80	
	WS4-BAA	06/24/2002	8330N	{ND on all 19} analytes				II	200	220	140	160		
	WS4-BAA	06/24/2002	E314.0	{ND on all 1} analytes				II	200	220	140	160		
	WS4-BAA	06/24/2002	OC21V	CHLOROFORM	0.5	J	UG/L	II	200	220	140	160	80	
	WS4-BAA	07/24/2002	E314.0	{ND on all 1} analytes				3	200	220	140	160		
WS-4	WS-4PT1A	05/02/2002	8330N	{ND on all 19} analytes				II	200	220	140	160		
during pump	WS-4PT1A	05/02/2002	E314.0	{ND on all 1} analytes				II	200	220	140	160		
test	WS-4PT2A	05/07/2002	8330N	{ND on all 19} analytes				II	200	220	140	160		
	WS-4PT2A	05/07/2002	E314.0	{ND on all 1} analytes				II	200	220	140	160		
	WS-4PT3A	05/17/2002	8330N	{ND on all 19} analytes				II	200	220	140	160		
	WS-4PT3A	05/17/2002	E314.0	{ND on all 1} analytes				II	200	220	140	160		
WS-4	WS-4-A	04/24/2003	E314.0	{ND on all 1} analytes				3	200	220	140	160		
sampled	WS-4-D	04/24/2003	E314.0	{ND on all 1} analytes				3	200	220	140	160		
from supply	WS-4-A	05/08/2003	8330N	{ND on all 19} analytes				II	200	220	140	160		
pump	WS-4-A	05/08/2003	E314.0	{ND on all 1} analytes				II	200	220	140	160		
	WS-4-A	05/08/2003	OC21V	CHLOROFORM	0.8	J	UG/L	II	200	220	140	160	80	
	WS-4-A	05/22/2003	E314.0	{ND on all 1} analytes				II	200	220	140	160		
	WS-4-A	06/05/2003	8330N	{ND on all 19} analytes				II	200	220	140	160		
	WS-4-A	06/05/2003	E314.0	{ND on all 1} analytes				II	200	220	140	160		
	WS-4-A	06/05/2003	OC21V	CHLOROFORM	0.8	J	UG/L	II	200	220	140	160	80	
	WS-4-A	06/19/2003	E314.0	{ND on all 1} analytes				II	200	220	140	160		
	WS-4-A	07/03/2003	8330N	{ND on all 19} analytes				II	200	220	140	160		
	WS-4-A	07/03/2003	E314.0	{ND on all 1} analytes				II	200	220	140	160		
	WS-4-A	07/03/2003	OC21V	CHLOROFORM	0.8	J	UG/L	II	200	220	140	160	80	
	WS-4-A	08/07/2003	E314.0	{ND on all 1} analytes				II	200	220	140	160		
	WS-4-A	09/04/2003	E314.0	{ND on all 1} analytes				II	200	220	140	160		
	WS-4-A	10/02/2003	E314.0	{ND on all 1} analytes				II	200	220	140	160		
	WS-4-A	11/05/2003	8330N	{ND on all 19} analytes				II	200	220	140	160		
	WS-4-A	11/05/2003	E314.0	{ND on all 1} analytes				II	200	220	140	160		
	WS-4-A	11/05/2003	OC21V	CHLOROFORM	0.9	J	UG/L	II	200	220	140	160	80	
	WS-4-A	01/07/2004	E314.0	{ND on all 1} analytes				II	200	220	140	160		
	WS-4-D	01/07/2004	E314.0	{ND on all 1} analytes				II	200	220	140	160		
	WS-4-A	02/12/2004	E314.0	{ND on all 1} analytes				II	200	220	140	160		
	WS-4-D	02/12/2004	E314.0	{ND on all 1} analytes				II	200	220	140	160		
	WS-4-A	03/12/2004	E314.0	{ND on all 1} analytes				II	200	220	140	160		
	WS-4-A	06/11/2004	E314.0	{ND on all 1} analytes				II	200	220	140	160		
WS-4D	WS-4ADA	03/06/2002	8330N	{ND on all 19} analytes				II	218	228	148.5	158.5		
monitoring	WS-4ADA	03/06/2002	E314.0	{ND on all 1} analytes				II	218	228	148.5	158.5		
well	WS-4ADA	04/08/2002	8330N	{ND on all 19} analytes				II	218	228	148.5	158.5		
	WS-4ADA	04/08/2002	E314.0	{ND on all 1} analytes				II	218	228	148.5	158.5		
	WS-4ADA	04/08/2002	OC21V	CHLOROFORM	0.7	J	UG/L	II	218	228	148.5	158.5	80	
	WS-4ADA	05/14/2002	8330N	{ND on all 19} analytes				3	218	228	148.5	158.5		
	WS-4ADA	05/14/2002	E314.0	{ND on all 1} analytes				II	218	228	148.5	158.5		
	WS-4ADA	05/14/2002	OC21V	CHLOROFORM	0.4	J	UG/L	3	218	228	148.5	158.5	80	

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration		Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
	WS4-ADA	06/25/2002	8330N	{ND on all 19} analytes				II	218	228	148.5	158.5		
	WS4-ADA	06/25/2002	E314.0	{ND on all 1} analytes				II	218	228	148.5	158.5		
	WS4-ADA	06/25/2002	OC21V	CHLOROFORM	0.4	J	UG/L	II	218	228	148.5	158.5	80	
	WS-4ADA	07/25/2002	E314.0	{ND on all 1} analytes				II	218	228	148.5	158.5		
	WS-4AD-A	08/28/2002	E314.0	{ND on all 1} analytes				II	218	228	148.5	158.5		
	WS-4AD-A	09/26/2002	E314.0	{ND on all 1} analytes				II	218	228	148.5	158.5		
	WS-4AD-A	10/24/2002	E314.0	{ND on all 1} analytes				II	218	228	148.5	158.5		
	WS-4AD-A	10/24/2002	OC21V	CHLOROFORM	0.6	J	UG/L	II	218	228	148.5	158.5	80	
	WS-4AD-A	12/19/2002	E314.0	{ND on all 1} analytes				II	218	228	148.5	158.5		
	WS-4AD-D	12/19/2002	E314.0	{ND on all 1} analytes				II	218	228	148.5	158.5		
	WS-4AD-A	12/19/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	218	228	148.5	158.5	80	
	WS-4AD-D	12/19/2002	OC21V	CHLOROFORM	0.8	J	UG/L	II	218	228	148.5	158.5	80	
	WS-4AD-A	01/29/2003	E314.0	{ND on all 1} analytes				II	218	228	148.5	158.5		
	WS-4AD-A	02/27/2003	E314.0	{ND on all 1} analytes				II	218	228	148.5	158.5		
WS-4S	WS-4ASA	03/06/2002	8330N	{ND on all 19} analytes				II	155	165	85.5	95.5		
monitoring	WS-4ASA	03/06/2002	E314.0	{ND on all 1} analytes				II	155	165	85.5	95.5		
well	WS-4ASA	04/06/2002	8330N	{ND on all 19} analytes				II	155	165	85.5	95.5		
	WS-4ASA	04/06/2002	E314.0	{ND on all 1} analytes				II	155	165	85.5	95.5		
	WS-4ASA	04/06/2002	OC21V	CHLOROFORM	1		UG/L	II	155	165	85.5	95.5	80	
	WS-4ASA	05/14/2002	8330N	{ND on all 19} analytes				3	155	165	85.5	95.5		
	WS-4ASA	05/14/2002	E314.0	{ND on all 1} analytes				II	155	165	85.5	95.5		
	WS-4ASA	05/14/2002	OC21V	CHLOROFORM	1		UG/L	3	155	165	85.5	95.5	80	
	WS4-ASA	06/25/2002	8330N	{ND on all 19} analytes				II	155	165	85.5	95.5		
	WS4-ASA	06/25/2002	E314.0	{ND on all 1} analytes				II	155	165	85.5	95.5		
	WS4-ASA	06/25/2002	OC21V	CHLOROFORM	1		UG/L	II	155	165	85.5	95.5	80	
	WS-4ASA	07/25/2002	E314.0	{ND on all 1} analytes				II	155	165	85.5	95.5		
	WS-4AS-A	08/27/2002	E314.0	{ND on all 1} analytes				II	155	165	85.5	95.5		
	WS-4AS-A	09/26/2002	E314.0	{ND on all 1} analytes				II	155	165	85.5	95.5		
	WS-4AS-A	10/24/2002	E314.0	{ND on all 1} analytes				II	155	165	85.5	95.5		
	WS-4AS-A	10/24/2002	OC21V	CHLOROFORM	1		UG/L	II	155	165	85.5	95.5	80	
	WS-4AS-A	12/19/2002	E314.0	{ND on all 1} analytes				II	155	165	85.5	95.5		
	WS-4AS-A	12/19/2002	OC21V	CHLOROFORM	1		UG/L	II	155	165	85.5	95.5	80	
	WS-4AS-A	01/29/2003	E314.0	{ND on all 1} analytes				II	155	165	85.5	95.5		
	WS-4AS-A	02/27/2003	E314.0	{ND on all 1} analytes				II	155	165	85.5	95.5		
	WS-4AS-A	05/08/2003	E314.0	{ND on all 1} analytes				II	155	165	85.5	95.5		
	WS-4AS-A	06/05/2003	E314.0	{ND on all 1} analytes				II	155	165	85.5	95.5		
	WS-4AS-A	07/07/2003	E314.0	{ND on all 1} analytes				II	155	165	85.5	95.5		
	WS-4AS-A	08/21/2003	E314.0	{ND on all 1} analytes				II	155	165	85.5	95.5		

UG/L = microgram per liter
II = Validation level 2
3 = Validation level 3
SBD = Sample Begin Depth (feet below ground surface)
SED = Sample End Depth (feet below ground surface)

APPENDIX D
WESTERN BOUNDARY
GROUNDWATER DATA

Well	Sample ID	Date Sampled	Analytical Method	Analyte	Concentration	Units	Validation	SBD	SED	BWTS	BWTE	MCL/ HA	Exceeds MCL/ HA
BWTS = Sample interval start (feet below water table)													
BWTE = Sample interval end (feet below water table)													
MCL = Maximum Contaminant Level													
HA = Health Advisory													

APPENDIX D-1

Western Boundary Groundwater Data Since May 2006

Appendix D-1
Western Boundary Groundwater Data
Available after May 2006

Well	Date Sampled	Top Depth	Bot. Depth	Analyte	Analytical Method	Units	Concentration	EPA Flags	Well Depth (ft)
MW-80M2	5/11/2006	100	110	ACETONE	CVOL	UG/L	2	J	109
MW-213M3	5/9/2006	77	82	ALUMINUM	CL200.7	UG/L	64.2	J	82
MW-213M3	5/9/2006	77	82	ALUMINUM	CL200.7	UG/L	84.8	J	82
MW-216S	3/3/2008	199	209	ARSENIC	SW6010B	UG/L	2.8	J	209
MW-216S	3/3/2008	199	209	BARIUM	SW6010B	UG/L	9.1	J	209
MW-80S	5/11/2006	43	53	BARIUM	CL200.7	UG/L	8	J	53
MW-82S	5/11/2006	25	35	BARIUM	CL200.7	UG/L	9.3	J	35
MW-213M3	5/9/2006	77	82	bis(2-ETHYLHEXYL) PHTHALATE	SW8270C	UG/L	0.34	J	82
MW-82M2	5/16/2006	78	88	BORON	CL200.7	UG/L	6.5	J	88
MW-213M2	5/9/2006	89	99	CALCIUM	CL200.7	UG/L	2170	J	99
MW-213M3	5/9/2006	77	82	CALCIUM	CL200.7	UG/L	2130	J	82
MW-213M3	5/9/2006	77	82	CALCIUM	CL200.7	UG/L	2170	J	82
MW-216S	3/3/2008	199	209	CALCIUM	SW6010B	UG/L	3100	J	209
MW-233M3	5/16/2006	231	241	CALCIUM	CL200.7	UG/L	1730	J	240.95
MW-80D	5/15/2006	158	168	CALCIUM	CL200.7	UG/L	3100	J	168
MW-80M1	5/15/2006	130	140	CALCIUM	CL200.7	UG/L	2330	J	140
MW-80M2	5/11/2006	100	110	CALCIUM	CL200.7	UG/L	2780	J	109
MW-80M3	5/11/2006	70	80	CALCIUM	CL200.7	UG/L	1710	J	80
MW-80M3	5/11/2006	70	80	CALCIUM	CL200.7	UG/L	1740	J	80
MW-80S	5/11/2006	43	53	CALCIUM	CL200.7	UG/L	1270	J	53
MW-82D	5/11/2006	125	135	CALCIUM	CL200.7	UG/L	2700	J	135
MW-82M1	5/11/2006	104	114	CALCIUM	CL200.7	UG/L	1390	J	114
MW-82M2	5/16/2006	78	88	CALCIUM	CL200.7	UG/L	1320	J	88
MW-82M3	5/11/2006	54	64	CALCIUM	CL200.7	UG/L	1640	J	64
MW-82S	5/11/2006	25	35	CALCIUM	CL200.7	UG/L	1460	J	35
MW-213M2	5/9/2006	89	99	CHLOROFORM	CVOL	UG/L	0.5	J	99
MW-213M3	5/9/2006	77	82	CHLOROFORM	CVOL	UG/L	0.9	J	82
MW-213M3	5/9/2006	77	82	CHLOROFORM	CVOL	UG/L	0.9	J	82
MW-233M3	5/16/2006	231	241	CHLOROFORM	CVOL	UG/L	2		240.95
MW-80M1	5/15/2006	130	140	CHLOROFORM	CVOL	UG/L	1		140
MW-80M2	5/11/2006	100	110	CHLOROFORM	CVOL	UG/L	1		109
MW-80M3	5/11/2006	70	80	CHLOROFORM	CVOL	UG/L	2		80
MW-80M3	5/11/2006	70	80	CHLOROFORM	CVOL	UG/L	2		80
MW-80S	5/11/2006	43	53	CHLOROFORM	CVOL	UG/L	2		53
MW-82D	5/11/2006	125	135	CHLOROFORM	CVOL	UG/L	1		135
MW-82M1	5/11/2006	104	114	CHLOROFORM	CVOL	UG/L	3		114
MW-82M2	5/16/2006	78	88	CHLOROFORM	CVOL	UG/L	2		88
MW-82M3	5/11/2006	54	64	CHLOROFORM	CVOL	UG/L	2		64
MW-82S	5/11/2006	25	35	CHLOROFORM	CVOL	UG/L	1		35
MW-216S	3/3/2008	199	209	COBALT	SW6010B	UG/L	0.34	J	209

Appendix D-1
Western Boundary Groundwater Data
Available after May 2006

Well	Date Sampled	Top Depth	Bot. Depth	Analyte	Analytical Method	Units	Concentration	EPA Flags	Well Depth (ft)
MW-80S	5/11/2006	43	53	METHYL ETHYL KETONE (2-	CVOL	UG/L	8		53
MW-82M2	5/16/2006	78	88	METHYL ETHYL KETONE (2-	CVOL	UG/L	5		88
MW-80M3	5/11/2006	70	80	MOLYBDENUM	CL200.7	UG/L	2.9	J	80
MW-82D	5/11/2006	125	135	MOLYBDENUM	CL200.7	UG/L	3	J	135
MW-80D	5/15/2006	158	168	NICKEL	CL200.7	UG/L	5.3	J	168
00-1	5/10/2006	64	70	Non-Detect on 1 Analyte	E314.0			U	
00-1	5/10/2006	64	70	Non-Detect on 1 Analyte	E314.0			U	
00-1	11/14/2006	64	70	Non-Detect on 1 Analyte	E314.0			U	
97-2C	11/29/2006	132	132	Non-Detect on 1 Analyte	E314.0			U	
97-2C	4/5/2007	132.1	132.2	Non-Detect on 1 Analyte	E314.0			U	
97-2C	9/18/2007	132.1	132.2	Non-Detect on 1 Analyte	E314.0			U	
97-2C	4/2/2008	132.1	132.2	Non-Detect on 1 Analyte	E314.0			U	
MW-02-01M1	5/1/2006	95	105	Non-Detect on 1 Analyte	E314.0			U	105
MW-02-01M1	11/2/2006	95	105	Non-Detect on 1 Analyte	E314.0			U	105
MW-02-01M2	5/1/2006	83	93	Non-Detect on 1 Analyte	E314.0			U	93
MW-02-01M2	11/2/2006	83	93	Non-Detect on 1 Analyte	E314.0			U	93
MW-02-01M2	4/5/2007	83	93	Non-Detect on 1 Analyte	E314.0			U	93
MW-02-01M2	9/18/2007	83	93	Non-Detect on 1 Analyte	E314.0			U	93
MW-02-01M2	4/1/2008	83	93	Non-Detect on 1 Analyte	E314.0			U	93
MW-02-02M1	11/6/2006	114.5	124.5	Non-Detect on 1 Analyte	E314.0			U	124.5
MW-02-02M2	11/2/2006	94.5	104.5	Non-Detect on 1 Analyte	E314.0			U	104.5
MW-02-02M2	4/5/2007	95	105	Non-Detect on 1 Analyte	E314.0			U	104.5
MW-02-02M2	4/5/2007	95	105	Non-Detect on 1 Analyte	E314.0			U	104.5
MW-02-02M2	9/14/2007	95	105	Non-Detect on 1 Analyte	E314.0			U	104.5
MW-02-02M2	3/31/2008	95	105	Non-Detect on 1 Analyte	E314.0			U	104.5
MW-02-02S	11/2/2006	49.5	59.5	Non-Detect on 1 Analyte	E314.0			U	57
MW-02-03M1	11/6/2006	130	140	Non-Detect on 1 Analyte	E314.0			U	140
MW-02-03M1	4/6/2007	130	140	Non-Detect on 1 Analyte	E314.0			U	140
MW-02-03M1	9/17/2007	130	140	Non-Detect on 1 Analyte	E314.0			U	140
MW-02-03M1	4/1/2008	130	140	Non-Detect on 1 Analyte	E314.0			U	140
MW-02-03M2	11/6/2006	92	102	Non-Detect on 1 Analyte	E314.0			U	102
MW-02-03M2	4/6/2007	92	102	Non-Detect on 1 Analyte	E314.0			U	102
MW-02-03M2	9/17/2007	92	102	Non-Detect on 1 Analyte	E314.0			U	102
MW-02-03M2	4/1/2008	92	102	Non-Detect on 1 Analyte	E314.0			U	102
MW-02-03M3	5/4/2006	75	85	Non-Detect on 1 Analyte	E314.0			U	85
MW-02-03M3	11/6/2006	75	85	Non-Detect on 1 Analyte	E314.0			U	85
MW-02-04M1	5/3/2006	123	133	Non-Detect on 1 Analyte	E314.0			U	133
MW-02-04M1	11/7/2006	123	133	Non-Detect on 1 Analyte	E314.0			U	133
MW-02-04M1	4/6/2007	123	133	Non-Detect on 1 Analyte	E314.0			U	133
MW-02-04M1	9/17/2007	123	133	Non-Detect on 1 Analyte	E314.0			U	133

Appendix D-1
Western Boundary Groundwater Data
Available after May 2006

Well	Date Sampled	Top Depth	Bot. Depth	Analyte	Analytical Method	Units	Concentration	EPA Flags	Well Depth (ft)
MW-02-13M2	11/13/2006	83	93	Non-Detect on 1 Analyte	E314.0			U	93
MW-02-13M2	4/5/2007	83	93	Non-Detect on 1 Analyte	E314.0			U	93
MW-02-13M2	3/31/2008	83	93	Non-Detect on 1 Analyte	E314.0			U	93
MW-02-13M3	5/9/2006	68	78	Non-Detect on 1 Analyte	E314.0			U	78
MW-02-13M3	11/13/2006	68	78	Non-Detect on 1 Analyte	E314.0			U	78
MW-02-13M3	11/13/2006	68	78	Non-Detect on 1 Analyte	E314.0			U	78
MW-02-13M3	4/5/2007	68	78	Non-Detect on 1 Analyte	E314.0			U	78
MW-02-13M3	9/14/2007	68	78	Non-Detect on 1 Analyte	E314.0			U	78
MW-02-13M3	4/1/2008	68	78	Non-Detect on 1 Analyte	E314.0			U	78
MW-02-15M1	11/13/2006	125	135	Non-Detect on 1 Analyte	E314.0			U	135
MW-02-15M2	11/13/2006	101	111	Non-Detect on 1 Analyte	E314.0			U	111
MW-02-15M3	11/14/2006	81	91	Non-Detect on 1 Analyte	E314.0			U	91
MW-213M1	11/20/2006	133	143	Non-Detect on 1 Analyte	E314.0			U	143
MW-213M2	5/9/2006	89	99	Non-Detect on 1 Analyte	SW8330			UJ	99
MW-213M2	5/9/2006	89	99	Non-Detect on 1 Analyte	CL245.1			U	99
MW-213M2	5/9/2006	89	99	Non-Detect on 1 Analyte	SW8270C			R	99
MW-213M2	11/20/2006	89	99	Non-Detect on 1 Analyte	E314.0			U	99
MW-213M3	5/9/2006	77	82	Non-Detect on 1 Analyte	SW8270C			R	82
MW-213M3	5/9/2006	77	82	Non-Detect on 1 Analyte	SW8270C			R	82
MW-213M3	5/9/2006	77	82	Non-Detect on 1 Analyte	CL245.1			U	82
MW-213M3	5/9/2006	77	82	Non-Detect on 1 Analyte	CL245.1			U	82
MW-216M1	11/20/2006	253	263	Non-Detect on 1 Analyte	E314.0			U	263
MW-216M2	5/2/2006	236	246	Non-Detect on 1 Analyte	E314.0			U	246
MW-216M2	11/20/2006	236	246	Non-Detect on 1 Analyte	E314.0			U	246
MW-216S	3/3/2008	199	209	Non-Detect on 1 Analyte	SW7470A			U	209
MW-226M1	11/22/2006	285	295	Non-Detect on 1 Analyte	E314.0			U	295
MW-226M2	11/22/2006	175	185	Non-Detect on 1 Analyte	E314.0			U	185
MW-226M3	4/4/2007	135	145	Non-Detect on 1 Analyte	E314.0			U	145
MW-226M3	9/12/2007	135	145	Non-Detect on 1 Analyte	E314.0			U	145
MW-226M3	3/28/2008	135	145	Non-Detect on 1 Analyte	E314.0			U	145
MW-233M1	11/21/2006	356	366	Non-Detect on 1 Analyte	E314.0			U	366
MW-233M2	5/18/2006	331	341	Non-Detect on 1 Analyte	E314.0			U	341
MW-233M2	11/21/2006	331	341	Non-Detect on 1 Analyte	E314.0			U	341
MW-233M3	5/16/2006	231	241	Non-Detect on 1 Analyte	CL200.7			UJ	240.95
MW-233M3	5/16/2006	231	241	Non-Detect on 1 Analyte	CVOL			UJ	240.95
MW-233M3	5/16/2006	231	241	Non-Detect on 1 Analyte	CL245.1			U	240.95
MW-267M1	11/9/2006	248	258	Non-Detect on 1 Analyte	E314.0			U	258
MW-268M1	5/1/2006	97	107	Non-Detect on 1 Analyte	E314.0			U	107
MW-268M1	11/21/2006	97	107	Non-Detect on 1 Analyte	E314.0			U	107
MW-268M1	4/4/2007	97	107	Non-Detect on 1 Analyte	E314.0			U	107

Appendix D-1
Western Boundary Groundwater Data
Available after May 2006

Well	Date Sampled	Top Depth	Bot. Depth	Analyte	Analytical Method	Units	Concentration	EPA Flags	Well Depth (ft)
MW-80M3	5/11/2006	70	80	Non-Detect on 1 Analyte	E314.0			R	80
MW-80M3	5/11/2006	70	80	Non-Detect on 1 Analyte	E314.0			R	80
MW-80S	5/11/2006	43	53	Non-Detect on 1 Analyte	CVOL			UJ	53
MW-80S	5/11/2006	43	53	Non-Detect on 1 Analyte	E314.0			U	53
MW-80S	5/11/2006	43	53	Non-Detect on 1 Analyte	SW8270C			R	53
MW-80S	5/11/2006	43	53	Non-Detect on 1 Analyte	CL245.1			UJ	53
MW-82D	5/11/2006	125	135	Non-Detect on 1 Analyte	SW8270C			R	135
MW-82D	5/11/2006	125	135	Non-Detect on 1 Analyte	CVOL			UJ	135
MW-82D	5/11/2006	125	135	Non-Detect on 1 Analyte	E314.0			U	135
MW-82D	5/11/2006	125	135	Non-Detect on 1 Analyte	CL245.1			UJ	135
MW-82M1	5/11/2006	104	114	Non-Detect on 1 Analyte	SW8270C			R	114
MW-82M1	5/11/2006	104	114	Non-Detect on 1 Analyte	CVOL			UJ	114
MW-82M1	5/11/2006	104	114	Non-Detect on 1 Analyte	E314.0			U	114
MW-82M1	5/11/2006	104	114	Non-Detect on 1 Analyte	CL245.1			UJ	114
MW-82M2	5/16/2006	78	88	Non-Detect on 1 Analyte	CL200.7			UJ	88
MW-82M2	5/16/2006	78	88	Non-Detect on 1 Analyte	CVOL			UJ	88
MW-82M2	5/16/2006	78	88	Non-Detect on 1 Analyte	E314.0			U	88
MW-82M2	5/16/2006	78	88	Non-Detect on 1 Analyte	CL245.1			U	88
MW-82M3	5/11/2006	54	64	Non-Detect on 1 Analyte	CL245.1			UJ	64
MW-82M3	5/11/2006	54	64	Non-Detect on 1 Analyte	CVOL			UJ	64
MW-82M3	5/11/2006	54	64	Non-Detect on 1 Analyte	E314.0			U	64
MW-82M3	5/11/2006	54	64	Non-Detect on 1 Analyte	SW8270C			R	64
MW-82S	5/11/2006	25	35	Non-Detect on 1 Analyte	CL245.1			UJ	35
MW-82S	5/11/2006	25	35	Non-Detect on 1 Analyte	CVOL			UJ	35
MW-82S	5/11/2006	25	35	Non-Detect on 1 Analyte	E314.0			U	35
MW-82S	5/11/2006	25	35	Non-Detect on 1 Analyte	SW8270C			R	35
XXM975	11/16/2006	84	94	Non-Detect on 1 Analyte	E314.0			U	
XXM975	4/5/2007	84	94	Non-Detect on 1 Analyte	E314.0			U	
MW-216S	3/3/2008	199	209	Non-Detect on 10 Analytes	SW6010B			U	209
MW-80S	5/11/2006	43	53	Non-Detect on 11 Analytes	CL200.7			U	53
MW-80D	5/15/2006	158	168	Non-Detect on 12 Analytes	CL200.7			U	168
MW-82M1	5/11/2006	104	114	Non-Detect on 13 Analytes	CL200.7			U	114
MW-82S	5/11/2006	25	35	Non-Detect on 13 Analytes	CL200.7			U	35
MW-213M3	5/9/2006	77	82	Non-Detect on 14 Analytes	CL200.7			U	82
MW-80M1	5/15/2006	130	140	Non-Detect on 14 Analytes	CL200.7			U	140
MW-80M3	5/11/2006	70	80	Non-Detect on 14 Analytes	CL200.7			U	80
MW-80M3	5/11/2006	70	80	Non-Detect on 14 Analytes	CL200.7			U	80
MW-82D	5/11/2006	125	135	Non-Detect on 14 Analytes	CL200.7			U	135
MW-82M2	5/16/2006	78	88	Non-Detect on 14 Analytes	CL200.7			U	88
MW-213M2	5/9/2006	89	99	Non-Detect on 15 Analytes	CL200.7			U	99

Appendix D-1
Western Boundary Groundwater Data
Available after May 2006

Well	Date Sampled	Top Depth	Bot. Depth	Analyte	Analytical Method	Units	Concentration	EPA Flags	Well Depth (ft)
MW-216S	3/3/2008	199	209	Non-Detect on 2 Analytes	SW6020			U	209
MW-233M3	5/16/2006	231	241	Non-Detect on 2 Analytes	SW8270C			R	240.95
MW-233M3	5/16/2006	231	241	Non-Detect on 2 Analytes	SW6020			U	240.95
MW-233M3	5/16/2006	231	241	Non-Detect on 2 Analytes	SW8270C			UJ	240.95
MW-80D	5/15/2006	158	168	Non-Detect on 2 Analytes	SW6020			U	168
MW-80D	5/15/2006	158	168	Non-Detect on 2 Analytes	SW8270C			R	168
MW-80M1	5/15/2006	130	140	Non-Detect on 2 Analytes	SW6020			U	140
MW-80M1	5/15/2006	130	140	Non-Detect on 2 Analytes	SW8270C			R	140
MW-80M2	5/11/2006	100	110	Non-Detect on 2 Analytes	SW6020			U	109
MW-80M3	5/11/2006	70	80	Non-Detect on 2 Analytes	SW6020			U	80
MW-80M3	5/11/2006	70	80	Non-Detect on 2 Analytes	CL200.7			UJ	80
MW-80M3	5/11/2006	70	80	Non-Detect on 2 Analytes	SW8270C			R	80
MW-80M3	5/11/2006	70	80	Non-Detect on 2 Analytes	SW8270C			R	80
MW-80M3	5/11/2006	70	80	Non-Detect on 2 Analytes	SW6020			U	80
MW-80S	5/11/2006	43	53	Non-Detect on 2 Analytes	SW6020			U	53
MW-82D	5/11/2006	125	135	Non-Detect on 2 Analytes	CL200.7			UJ	135
MW-82D	5/11/2006	125	135	Non-Detect on 2 Analytes	SW6020			U	135
MW-82M1	5/11/2006	104	114	Non-Detect on 2 Analytes	SW6020			U	114
MW-82M2	5/16/2006	78	88	Non-Detect on 2 Analytes	SW6020			U	88
MW-82M3	5/11/2006	54	64	Non-Detect on 2 Analytes	SW8270C			UJ	64
MW-82M3	5/11/2006	54	64	Non-Detect on 2 Analytes	SW6020			U	64
MW-82S	5/11/2006	25	35	Non-Detect on 2 Analytes	SW6020			U	35
MW-80D	5/15/2006	158	168	Non-Detect on 3 Analytes	CL200.7			UJ	168
MW-80M1	5/15/2006	130	140	Non-Detect on 3 Analytes	CL200.7			UJ	140
MW-80M2	5/11/2006	100	110	Non-Detect on 3 Analytes	SW8270C			UJ	109
MW-80M2	5/11/2006	100	110	Non-Detect on 3 Analytes	CL200.7			UJ	109
MW-80M3	5/11/2006	70	80	Non-Detect on 3 Analytes	CL200.7			UJ	80
MW-80S	5/11/2006	43	53	Non-Detect on 3 Analytes	CL200.7			UJ	53
MW-80S	5/11/2006	43	53	Non-Detect on 3 Analytes	SW8270C			UJ	53
MW-82D	5/11/2006	125	135	Non-Detect on 3 Analytes	SW8270C			UJ	135
MW-82M1	5/11/2006	104	114	Non-Detect on 3 Analytes	CL200.7			UJ	114
MW-82M1	5/11/2006	104	114	Non-Detect on 3 Analytes	SW8270C			UJ	114
MW-82M2	5/16/2006	78	88	Non-Detect on 3 Analytes	SW8270C			UJ	88
MW-82M3	5/11/2006	54	64	Non-Detect on 3 Analytes	CL200.7			UJ	64
MW-82S	5/11/2006	25	35	Non-Detect on 3 Analytes	SW8270C			UJ	35
MW-82S	5/11/2006	25	35	Non-Detect on 3 Analytes	CL200.7			UJ	35
MW-80M2	5/11/2006	100	110	Non-Detect on 41 Analytes	CVOL			U	109
MW-233M3	5/16/2006	231	241	Non-Detect on 42 Analytes	CVOL			U	240.95
MW-80M3	5/11/2006	70	80	Non-Detect on 42 Analytes	CVOL			U	80
MW-80M3	5/11/2006	70	80	Non-Detect on 42 Analytes	CVOL			U	80

Appendix D-1
Western Boundary Groundwater Data
Available after May 2006

Well	Date Sampled	Top Depth	Bot. Depth	Analyte	Analytical Method	Units	Concentration	EPA Flags	Well Depth (ft)
MW-02-05M2	11/14/2006	92	102	PERCHLORATE	E314.0	UG/L	0.52	J	102
MW-02-05M2	9/14/2007	92	102	PERCHLORATE	E314.0	UG/L	0.39	J	102
MW-02-05M2	3/31/2008	92	102	PERCHLORATE	E314.0	UG/L	0.37	J	102
MW-02-12M1	5/4/2006	109	119	PERCHLORATE	E314.0	UG/L	0.38	J	119
MW-02-13M2	9/14/2007	83	93	PERCHLORATE	E314.0	UG/L	0.35	J	93
MW-02-13M2	9/14/2007	83	93	PERCHLORATE	E314.0	UG/L	0.39	J	93
MW-213M2	5/9/2006	89	99	PERCHLORATE	E314.0	UG/L	0.69	J	99
MW-213M3	5/9/2006	77	82	PERCHLORATE	E314.0	UG/L	0.42	J	82
MW-213M3	5/9/2006	77	82	PERCHLORATE	E314.0	UG/L	0.62	J	82
MW-213M3	11/20/2006	77	82	PERCHLORATE	E314.0	UG/L	0.44	J	82
MW-216S	5/3/2006	199	209	PERCHLORATE	E314.0	UG/L	0.46	J	209
MW-216S	5/3/2006	199	209	PERCHLORATE	E314.0	UG/L	0.52	J	209
MW-216S	11/20/2006	199	209	PERCHLORATE	E314.0	UG/L	0.43	J	209
MW-226M2	5/15/2006	175	185	PERCHLORATE	E314.0	UG/L	0.46	J	185
MW-226M3	5/16/2006	135	145	PERCHLORATE	E314.0	UG/L	0.81	J	145
MW-226M3	12/4/2006	135	145	PERCHLORATE	E314.0	UG/L	0.53	J	145
MW-233M3	5/16/2006	231	241	PERCHLORATE	E314.0	UG/L	2.8		240.95
MW-233M3	11/21/2006	231	241	PERCHLORATE	E314.0	UG/L	1.2		240.95
MW-233M3	4/4/2007	231	241	PERCHLORATE	E314.0	UG/L	1.8		240.95
MW-233M3	4/4/2007	231	241	PERCHLORATE	E314.0	UG/L	2		240.95
MW-233M3	9/13/2007	231	241	PERCHLORATE	E314.0	UG/L	1.2		240.95
MW-233M3	3/28/2008	231	241	PERCHLORATE	E314.0	UG/L	1.9		240.95
MW-233M3	3/28/2008	231	241	PERCHLORATE	E314.0	UG/L	2.1		240.95
MW-233M3	10/24/2008	231	241	PERCHLORATE	E314.0	UG/L	0.37	J	240.95
MW-233M3	10/24/2008	231	241	PERCHLORATE	E314.0	UG/L	0.37	J	240.95
MW-80M1	5/15/2006	130	140	PERCHLORATE	E314.0	UG/L	0.43	J	140
MW-80M1	12/5/2006	130	140	PERCHLORATE	E314.0	UG/L	0.58	J	140
XXM972	5/17/2006	75	85	PERCHLORATE	E314.0	UG/L	0.44	J	
XXM972	11/14/2006	75	85	PERCHLORATE	E314.0	UG/L	0.5	J	
XXM975	5/17/2006	84	94	PERCHLORATE	E314.0	UG/L	0.46	J	
XXM975	9/18/2007	84	94	PERCHLORATE	E314.0	UG/L	0.42	J	
XXM975	4/2/2008	84	94	PERCHLORATE	E314.0	UG/L	0.35	J	
MW-213M2	5/9/2006	89	99	POTASSIUM	CL200.7	UG/L	449	J	99
MW-213M3	5/9/2006	77	82	POTASSIUM	CL200.7	UG/L	479	J	82
MW-216S	3/3/2008	199	209	POTASSIUM	SW6010B	UG/L	1040	J	209
MW-233M3	5/16/2006	231	241	POTASSIUM	CL200.7	UG/L	624	J	240.95
MW-80D	5/15/2006	158	168	POTASSIUM	CL200.7	UG/L	801	J	168
MW-80M1	5/15/2006	130	140	POTASSIUM	CL200.7	UG/L	567	J	140
MW-80M2	5/11/2006	100	110	POTASSIUM	CL200.7	UG/L	759	J	109
MW-80M3	5/11/2006	70	80	POTASSIUM	CL200.7	UG/L	584	J	80

Appendix D-1
Western Boundary Groundwater Data
Available after May 2006

Well	Date Sampled	Top Depth	Bot. Depth	Analyte	Analytical Method	Units	Concentration	EPA Flags	Well Depth (ft)
MW-216S	3/3/2008	199	209	ZINC	SW6010B	UG/L	42.9		209
MW-82M2	5/16/2006	78	88	ZINC	CL200.7	UG/L	8.5	J	88

APPENDIX E

Groundwater Profile Results

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
02-01	G02-01DAA	03/05/02	8330N	{ND on all 19} analytes			55	60	0.2	4.8
	G02-01DAA	03/05/02	E314.0	{ND on all 1} analytes			55	60	0.2	4.8
	G02-01DAA	03/05/02	OC21V	ACETONE	10	UG/L	55	60	0.2	4.8
	G02-01DAA	03/05/02	OC21V	CHLOROFORM	0.4 J	UG/L	55	60	0.2	4.8
	G02-01DBA	03/06/02	8330N	{ND on all 19} analytes			65	70	9.8	14.8
	G02-01DBA	03/06/02	E314.0	{ND on all 1} analytes			65	70	9.8	14.8
	G02-01DBA	03/06/02	OC21V	CHLOROFORM	0.9 J	UG/L	65	70	9.8	14.8
	G02-01DDA	03/07/02	8330N	{ND on all 19} analytes			85	90	29.8	34.8
	G02-01DDA	03/07/02	E314.0	{ND on all 1} analytes			85	90	29.8	34.8
	G02-01DDA	03/07/02	OC21V	1,2-DICHLOROBENZENE	5	UG/L	85	90	29.8	34.8
	G02-01DDA	03/07/02	OC21V	1,4-DICHLOROBENZENE	6	UG/L	85	90	29.8	34.8
	G02-01DDA	03/07/02	OC21V	ACETONE	6	UG/L	85	90	29.8	34.8
	G02-01DDA	03/07/02	OC21V	BENZENE	0.4 J	UG/L	85	90	29.8	34.8
	G02-01DDA	03/07/02	OC21V	CHLOROBENZENE	6	UG/L	85	90	29.8	34.8
	G02-01DDA	03/07/02	OC21V	CHLOROFORM	0.4 J	UG/L	85	90	29.8	34.8
	G02-01DDA	03/07/02	OC21V	CHLOROMETHANE	0.3 J	UG/L	85	90	29.8	34.8
	G02-01DDA	03/07/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4 J	UG/L	85	90	29.8	34.8
	G02-01DDA	03/07/02	OC21V	TETRACHLOROETHYLENE(PCE)	0.7 J	UG/L	85	90	29.8	34.8
	G02-01DDA	03/07/02	OC21V	TOLUENE	2	UG/L	85	90	29.8	34.8
	G02-01DDA	03/07/02	OC21V	TRICHLOROETHYLENE (TCE)	0.3 J	UG/L	85	90	29.8	34.8
	G02-01DDA	03/07/02	OC21V	XYLENES, TOTAL	0.4 J	UG/L	85	90	29.8	34.8
	G02-01DEA	03/08/02	8330N	{ND on all 19} analytes			95	100	39.8	44.8
	G02-01DEA	03/08/02	E314.0	{ND on all 1} analytes			95	100	39.8	44.8
	G02-01DEA	03/08/02	OC21V	1,2-DICHLOROBENZENE	0.3 J	UG/L	95	100	39.8	44.8
	G02-01DEA	03/08/02	OC21V	1,4-DICHLOROBENZENE	0.5 J	UG/L	95	100	39.8	44.8
	G02-01DEA	03/08/02	OC21V	ACETONE	3 J	UG/L	95	100	39.8	44.8
	G02-01DEA	03/08/02	OC21V	CHLOROBENZENE	0.4 J	UG/L	95	100	39.8	44.8
	G02-01DEA	03/08/02	OC21V	CHLOROFORM	0.8 J	UG/L	95	100	39.8	44.8
	G02-01DEA	03/08/02	OC21V	TOLUENE	0.5 J	UG/L	95	100	39.8	44.8
	G02-01DFA	03/08/02	8330N	{ND on all 19} analytes			105	110	49.8	54.8
	G02-01DFA	03/08/02	E314.0	{ND on all 1} analytes			105	110	49.8	54.8
	G02-01DFA	03/08/02	OC21V	1,2-DICHLOROBENZENE	0.3 J	UG/L	105	110	49.8	54.8
	G02-01DFA	03/08/02	OC21V	1,4-DICHLOROBENZENE	0.4 J	UG/L	105	110	49.8	54.8
	G02-01DFA	03/08/02	OC21V	ACETONE	4 J	UG/L	105	110	49.8	54.8
	G02-01DFA	03/08/02	OC21V	CHLOROFORM	0.6 J	UG/L	105	110	49.8	54.8
	G02-01DFA	03/08/02	OC21V	TOLUENE	0.2 J	UG/L	105	110	49.8	54.8
02-02	G02-02DAA	03/11/02	8330N	{ND on all 19} analytes			55	60	3.5	8.5
	G02-02DAA	03/11/02	E314.0	PERCHLORATE	0.54 J	UG/L	55	60	3.5	8.5
	G02-02DAA	03/11/02	OC21V	CHLOROFORM	0.9 J	UG/L	55	60	3.5	8.5
	G02-02DBA	03/11/02	8330N	{ND on all 19} analytes			65	70	13.5	18.5
	G02-02DBA	03/11/02	E314.0	PERCHLORATE	0.39 J	UG/L	65	70	13.5	18.5
	G02-02DBA	03/11/02	OC21V	CHLOROFORM	1 J	UG/L	65	70	13.5	18.5
	G02-02DCA	03/11/02	8330N	{ND on all 19} analytes			75	80	23.5	28.5
	G02-02DCA	03/11/02	E314.0	PERCHLORATE	0.44 J	UG/L	75	80	23.5	28.5
	G02-02DCA	03/11/02	OC21V	CHLOROFORM	1 J	UG/L	75	80	23.5	28.5
	G02-02DDA	03/11/02	8330N	{ND on all 19} analytes			85	90	33.5	38.5
	G02-02DDA	03/11/02	E314.0	PERCHLORATE	0.44 J	UG/L	85	90	33.5	38.5
	G02-02DDA	03/11/02	OC21V	CHLOROFORM	1 J	UG/L	85	90	33.5	38.5
	G02-02DEA	03/12/02	8330N	{ND on all 19} analytes			95	100	43.5	48.5
	G02-02DEA	03/12/02	E314.0	PERCHLORATE	0.53 J	UG/L	95	100	43.5	48.5
	G02-02DEA	03/12/02	OC21V	CHLOROFORM	1	UG/L	95	100	43.5	48.5
	G02-02DFA	03/12/02	8330N	{ND on all 19} analytes			105	110	53.5	58.5
	G02-02DFA	03/12/02	E314.0	PERCHLORATE	0.52 J	UG/L	105	110	53.5	58.5
	G02-02DFA	03/12/02	OC21V	CHLOROFORM	1	UG/L	105	110	53.5	58.5
	G02-02DGA	03/12/02	8330N	{ND on all 19} analytes			115	120	63.5	68.5
	G02-02DGA	03/12/02	E314.0	{ND on all 1} analytes			115	120	63.5	68.5
	G02-02DGA	03/12/02	OC21V	CHLOROFORM	0.7 J	UG/L	115	120	63.5	68.5
	G02-02DHA	03/12/02	8330N	1,3,5-TRINITROBENZENE	0.33 J	UG/L	120	125	68.5	73.5
	G02-02DHA	03/12/02	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	0.5 J	UG/L	120	125	68.5	73.5
	G02-02DHA	03/12/02	E314.0	{ND on all 1} analytes			120	125	68.5	73.5

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
	G02-02DHA	03/12/02	OC21V	ACETONE	2 J	UG/L	120	125	68.5	73.5
	G02-02DHA	03/12/02	OC21V	CHLOROFORM	0.4 J	UG/L	120	125	68.5	73.5
02-03	G02-03DAA	03/19/02	8330N	{ND on all 19} analytes			42	45	0	3
	G02-03DAA	03/19/02	E314.0	{ND on all 1} analytes			42	45	0	3
	G02-03DAA	03/19/02	OC21V	ACETONE	3 J	UG/L	42	45	0	3
	G02-03DAA	03/19/02	OC21V	CHLOROFORM	0.3 J	UG/L	42	45	0	3
	G02-03DAA	03/19/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4 J	UG/L	42	45	0	3
	G02-03DBA	03/19/02	8330N	{ND on all 19} analytes			50	50	8	8
	G02-03DBA	03/19/02	E314.0	{ND on all 1} analytes			50	50	8	8
	G02-03DBA	03/19/02	OC21V	ACETONE	5 J	UG/L	50	50	8	8
	G02-03DBA	03/19/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4 J	UG/L	50	50	8	8
	G02-03DCA	03/19/02	8330N	{ND on all 19} analytes			60	60	18	18
	G02-03DCA	03/19/02	E314.0	{ND on all 1} analytes			60	60	18	18
	G02-03DCA	03/19/02	OC21V	ACETONE	5 J	UG/L	60	60	18	18
	G02-03DCA	03/19/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	18 J	UG/L	60	60	18	18
	G02-03DDA	03/20/02	8330N	{ND on all 19} analytes			70	70	28	28
	G02-03DDA	03/20/02	E314.0	{ND on all 1} analytes			70	70	28	28
	G02-03DDA	03/20/02	OC21V	CHLOROFORM	0.7 J	UG/L	70	70	28	28
	G02-03DDA	03/20/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	3 J	UG/L	70	70	28	28
	G02-03DEA	03/20/02	8330N	{ND on all 19} analytes			80	80	38	38
	G02-03DEA	03/20/02	E314.0	PERCHLORATE	0.64 J	UG/L	80	80	38	38
	G02-03DEA	03/20/02	OC21V	CHLOROFORM	0.6 J	UG/L	80	80	38	38
	G02-03DFA	03/20/02	8330N	{ND on all 19} analytes			90	90	48	48
	G02-03DFA	03/20/02	E314.0	{ND on all 1} analytes			90	90	48	48
	G02-03DFA	03/20/02	OC21V	CHLOROFORM	0.5 J	UG/L	90	90	48	48
	G02-03DFA	03/20/02	OC21V	CHLOROMETHANE	0.3 J	UG/L	90	90	48	48
	G02-03DFA	03/20/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	6 J	UG/L	90	90	48	48
	G02-03DGA	03/20/02	8330N	{ND on all 19} analytes			100	100	58	58
	G02-03DGA	03/20/02	E314.0	{ND on all 1} analytes			100	100	58	58
	G02-03DGA	03/20/02	OC21V	CHLOROFORM	0.6 J	UG/L	100	100	58	58
	G02-03DGA	03/20/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	100	100	58	58
	G02-03DHA	03/20/02	8330N	{ND on all 19} analytes			110	110	68	68
	G02-03DHA	03/20/02	E314.0	{ND on all 1} analytes			110	110	68	68
	G02-03DHA	03/20/02	OC21V	CHLOROFORM	0.6 J	UG/L	110	110	68	68
	G02-03DHA	03/20/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	110	110	68	68
	G02-03DIA	03/20/02	8330N	{ND on all 19} analytes			120	120	78	78
	G02-03DIA	03/20/02	E314.0	{ND on all 1} analytes			120	120	78	78
	G02-03DIA	03/20/02	OC21V	CHLOROFORM	0.5 J	UG/L	120	120	78	78
	G02-03DIA	03/20/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	6 J	UG/L	120	120	78	78
	G02-03DJA	03/20/02	8330N	{ND on all 19} analytes			13	130	88	88
	G02-03DJA	03/20/02	E314.0	{ND on all 1} analytes			130	130	88	88
	G02-03DJA	03/20/02	OC21V	CHLOROFORM	0.6 J	UG/L	13	130	88	88
	G02-03DKA	03/21/02	8330N	{ND on all 19} analytes			138.5	138.5	98	98
	G02-03DKA	03/21/02	E314.0	{ND on all 1} analytes			140	140	98	98
	G02-03DKA	03/21/02	OC21V	ACETONE	8	UG/L	138.5	138.5	98	98
	G02-03DKA	03/21/02	OC21V	CHLOROFORM	0.3 J	UG/L	138.5	138.5	98	98
	G02-03DKA	03/21/02	OC21V	CHLOROMETHANE	0.3 J	UG/L	138.5	138.5	98	98
	G02-03DKA	03/21/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	5	UG/L	138.5	138.5	98	98
02-04	G02-04DAA	04/08/02	8330N	{ND on all 19} analytes			60	60	12	12
	G02-04DAA	04/08/02	E314.0	{ND on all 1} analytes			60	60	12	12
	G02-04DAA	04/08/02	OC21V	ACETONE	7	UG/L	60	60	12	12
	G02-04DAA	04/08/02	OC21V	CHLOROFORM	2	UG/L	60	60	12	12
	G02-04DAA	04/08/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	6	UG/L	60	60	12	12
	G02-04DBA	04/08/02	8330N	{ND on all 19} analytes			70	70	22	22
	G02-04DBA	04/08/02	E314.0	{ND on all 1} analytes			70	70	22	22
	G02-04DBA	04/08/02	OC21V	2-HEXANONE	2 J	UG/L	70	70	22	22
	G02-04DBA	04/08/02	OC21V	ACETONE	9	UG/L	70	70	22	22
	G02-04DBA	04/08/02	OC21V	CHLOROFORM	0.6 J	UG/L	70	70	22	22
	G02-04DBA	04/08/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	6	UG/L	70	70	22	22
	G02-04DCA	04/08/02	8330N	{ND on all 19} analytes			80	80	32	32

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
	G02-04DCA	04/08/02	E314.0	{ND on all 1} analytes			80	80	32	32
	G02-04DCA	04/08/02	OC21V	ACETONE	6	UG/L	80	80	32	32
	G02-04DCA	04/08/02	OC21V	CHLOROFORM	5	UG/L	80	80	32	32
	G02-04DCA	04/08/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4 J	UG/L	80	80	32	32
	G02-04DDA	04/08/02	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	0.77 J	UG/L	90	90	42	42
	G02-04DDA	04/08/02	E314.0	{ND on all 1} analytes			90	90	42	42
	G02-04DDA	04/08/02	OC21V	ACETONE	11	UG/L	90	90	42	42
	G02-04DDA	04/08/02	OC21V	CHLOROFORM	0.7 J	UG/L	90	90	42	42
	G02-04DDA	04/08/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	7	UG/L	90	90	42	42
	G02-04DEA	04/08/02	8330N	{ND on all 19} analytes			100	100	52	52
	G02-04DEA	04/08/02	E314.0	{ND on all 1} analytes			100	100	52	52
	G02-04DEA	04/08/02	OC21V	2-HEXANONE	2 J	UG/L	100	100	52	52
	G02-04DEA	04/08/02	OC21V	ACETONE	12	UG/L	100	100	52	52
	G02-04DEA	04/08/02	OC21V	CHLOROFORM	0.6 J	UG/L	100	100	52	52
	G02-04DEA	04/08/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	10	UG/L	100	100	52	52
	G02-04DFA	04/08/02	8330N	{ND on all 19} analytes			110	110	62	62
	G02-04DFA	04/08/02	E314.0	{ND on all 1} analytes			110	110	62	62
	G02-04DFA	04/08/02	OC21V	ACETONE	5	UG/L	110	110	62	62
	G02-04DFA	04/08/02	OC21V	CHLOROFORM	1	UG/L	110	110	62	62
	G02-04DFA	04/08/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	110	110	62	62
	G02-04DFA	04/08/02	OC21V	TRICHLOROETHYLENE (TCE)	0.7 J	UG/L	110	110	62	62
	G02-04DGA	04/08/02	8330N	{ND on all 19} analytes			120	120	72	72
	G02-04DGA	04/08/02	E314.0	{ND on all 1} analytes			120	120	72	72
	G02-04DGA	04/08/02	OC21V	ACETONE	6	UG/L	120	120	72	72
	G02-04DGA	04/08/02	OC21V	CHLOROFORM	0.6 J	UG/L	120	120	72	72
	G02-04DGA	04/08/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4 J	UG/L	120	120	72	72
	G02-04DGA	04/08/02	OC21V	TRICHLOROETHYLENE (TCE)	0.6 J	UG/L	120	120	72	72
	G02-04DHA	04/08/02	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	0.44 J	UG/L	130	130	82	82
	G02-04DHA	04/08/02	E314.0	{ND on all 1} analytes			130	130	82	82
	G02-04DHA	04/08/02	OC21V	ACETONE	7	UG/L	130	130	82	82
	G02-04DHA	04/08/02	OC21V	CHLOROFORM	0.6 J	UG/L	130	130	82	82
	G02-04DHA	04/08/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	6	UG/L	130	130	82	82
	G02-04DHA	04/08/02	OC21V	TRICHLOROETHYLENE (TCE)	1	UG/L	130	130	82	82
	G02-04DIA	04/09/02	8330N	{ND on all 19} analytes			140	140	92	92
	G02-04DIA	04/09/02	E314.0	{ND on all 1} analytes			140	140	92	92
	G02-04DIA	04/09/02	OC21V	ACETONE	16 J	UG/L	140	140	92	92
	G02-04DIA	04/09/02	OC21V	CHLOROFORM	0.4 J	UG/L	140	140	92	92
	G02-04DIA	04/09/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	10	UG/L	140	140	92	92
	G02-04DIA	04/09/02	OC21V	TRICHLOROETHYLENE (TCE)	0.6 J	UG/L	140	140	92	92
	G02-04DJA	04/09/02	8330N	{ND on all 19} analytes			150	150	102	102
	G02-04DJA	04/09/02	E314.0	{ND on all 1} analytes			150	150	102	102
	G02-04DJA	04/09/02	OC21V	2-HEXANONE	2 J	UG/L	150	150	102	102
	G02-04DJA	04/09/02	OC21V	ACETONE	15 J	UG/L	150	150	102	102
	G02-04DJA	04/09/02	OC21V	CHLOROFORM	0.4 J	UG/L	150	150	102	102
	G02-04DJA	04/09/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	9	UG/L	150	150	102	102
	G02-04DJA	04/09/02	OC21V	TRICHLOROETHYLENE (TCE)	0.5 J	UG/L	150	150	102	102
02-05	G02-05DAA	03/22/02	8330N	{ND on all 19} analytes			35	35	7	7
	G02-05DAA	03/22/02	E314.0	{ND on all 1} analytes			35	35	7	7
	G02-05DAA	03/22/02	OC21V	2-HEXANONE	2 J	UG/L	35	35	7	7
	G02-05DAA	03/22/02	OC21V	ACETONE	44	UG/L	35	35	7	7
	G02-05DAA	03/22/02	OC21V	CHLOROETHANE	0.8 J	UG/L	35	35	7	7
	G02-05DAA	03/22/02	OC21V	CHLOROFORM	0.4 J	UG/L	35	35	7	7
	G02-05DAA	03/22/02	OC21V	CHLOROMETHANE	0.3 J	UG/L	35	35	7	7
	G02-05DAA	03/22/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	20	UG/L	35	35	7	7
	G02-05DAA	03/22/02	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	2 J	UG/L	35	35	7	7
	G02-05DBA	03/22/02	8330N	{ND on all 19} analytes			40	40	12	12
	G02-05DBA	03/22/02	E314.0	{ND on all 1} analytes			40	40	12	12
	G02-05DBA	03/22/02	OC21V	2-HEXANONE	2 J	UG/L	40	40	12	12
	G02-05DBA	03/22/02	OC21V	CHLOROETHANE	0.2 J	UG/L	40	40	12	12
	G02-05DBA	03/22/02	OC21V	CHLOROFORM	0.7 J	UG/L	40	40	12	12

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
	G02-05DBA	03/22/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	14	UG/L	40	40	12	12
	G02-05DCA	03/22/02	8330N	{ND on all 19} analytes			50	50	22	22
	G02-05DCA	03/22/02	E314.0	PERCHLORATE	0.36 J	UG/L	50	50	22	22
	G02-05DCA	03/22/02	OC21V	CHLOROFORM	0.6 J	UG/L	50	50	22	22
	G02-05DCA	03/22/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	6	UG/L	50	50	22	22
	G02-05DDA	03/22/02	8330N	{ND on all 19} analytes			60	60	32	32
	G02-05DDA	03/22/02	E314.0	PERCHLORATE	0.44 J	UG/L	60	60	32	32
	G02-05DDA	03/22/02	OC21V	2-HEXANONE	2 J	UG/L	60	60	32	32
	G02-05DDA	03/22/02	OC21V	CHLOROETHANE	0.2 J	UG/L	60	60	32	32
	G02-05DDA	03/22/02	OC21V	CHLOROFORM	0.4 J	UG/L	60	60	32	32
	G02-05DDA	03/22/02	OC21V	CHLOROMETHANE	0.2 J	UG/L	60	60	32	32
	G02-05DDA	03/22/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	12	UG/L	60	60	32	32
	G02-05DEA	03/22/02	8330N	{ND on all 19} analytes			70	70	42	42
	G02-05DEA	03/22/02	E314.0	PERCHLORATE	0.6 J	UG/L	70	70	42	42
	G02-05DEA	03/22/02	OC21V	CHLOROFORM	0.9 J	UG/L	70	70	42	42
	G02-05DEA	03/22/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	9	UG/L	70	70	42	42
	G02-05DFA	03/22/02	8330N	{ND on all 19} analytes			80	80	52	52
	G02-05DFA	03/22/02	E314.0	PERCHLORATE	0.43 J	UG/L	80	80	52	52
	G02-05DFA	03/22/02	OC21V	CHLOROFORM	1	UG/L	80	80	52	52
	G02-05DFA	03/22/02	OC21V	CHLOROMETHANE	0.3 J	UG/L	80	80	52	52
	G02-05DFA	03/22/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	6	UG/L	80	80	52	52
	G02-05DGA	03/22/02	8330N	{ND on all 19} analytes			90	90	62	62
	G02-05DGA	03/22/02	E314.0	PERCHLORATE	0.39 J	UG/L	90	90	62	62
	G02-05DGA	03/22/02	OC21V	CHLOROFORM	1	UG/L	90	90	62	62
	G02-05DGA	03/22/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4 J	UG/L	90	90	62	62
	G02-05DHA	03/22/02	8330N	{ND on all 19} analytes			100	100	72	72
	G02-05DHA	03/22/02	E314.0	PERCHLORATE	0.48 J	UG/L	100	100	72	72
	G02-05DHA	03/22/02	OC21V	CHLOROFORM	1	UG/L	100	100	72	72
	G02-05DHA	03/22/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	5	UG/L	100	100	72	72
	G02-05DIA	03/22/02	8330N	{ND on all 19} analytes			110	110	82	82
	G02-05DIA	03/22/02	E314.0	PERCHLORATE	0.57 J	UG/L	110	110	82	82
	G02-05DIA	03/22/02	OC21V	CHLOROFORM	0.5 J	UG/L	110	110	82	82
	G02-05DIA	03/22/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	5	UG/L	110	110	82	82
	G02-05DJA	03/22/02	8330N	{ND on all 19} analytes			120	120	92	92
	G02-05DJA	03/22/02	E314.0	PERCHLORATE	0.5 J	UG/L	120	120	92	92
	G02-05DJA	03/22/02	OC21V	CHLOROFORM	0.5 J	UG/L	120	120	92	92
	G02-05DJA	03/22/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4 J	UG/L	120	120	92	92
	G02-05DKA	03/25/02	8330N	{ND on all 19} analytes			130	130	102	102
	G02-05DKA	03/25/02	E314.0	{ND on all 1} analytes			130	130	102	102
	G02-05DKA	03/25/02	OC21V	CHLOROFORM	0.3 J	UG/L	130	130	102	102
	G02-05DKA	03/25/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4 J	UG/L	130	130	102	102
02-07	G02-07DAA	04/09/02	8330N	2,6-DINITROTOLUENE	0.46 J	UG/L	33	35	0.8	2.8
	G02-07DAA	04/09/02	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	0.82 J	UG/L	33	35	0.8	2.8
	G02-07DAA	04/09/02	E314.0	{ND on all 1} analytes			33	35	0.8	2.8
	G02-07DAA	04/09/02	OC21V	CHLOROFORM	0.4 J	UG/L	33	35	0.8	2.8
	G02-07DBA	04/09/02	8330N	2,6-DINITROTOLUENE	0.77 J	UG/L	40	40	7.8	7.8
	G02-07DBA	04/09/02	E314.0	{ND on all 1} analytes			40	40	7.8	7.8
	G02-07DBA	04/09/02	OC21V	ACETONE	4 J	UG/L	40	40	7.8	7.8
	G02-07DBA	04/09/02	OC21V	CHLOROFORM	0.5 J	UG/L	40	40	7.8	7.8
	G02-07DCA	04/09/02	8330N	{ND on all 19} analytes			50	50	17.8	17.8
	G02-07DCA	04/09/02	E314.0	PERCHLORATE	0.36 J	UG/L	50	50	17.8	17.8
	G02-07DCA	04/09/02	OC21V	ACETONE	3 J	UG/L	50	50	17.8	17.8
	G02-07DCA	04/09/02	OC21V	CHLOROFORM	0.4 J	UG/L	50	50	17.8	17.8
	G02-07DDA	04/09/02	8330N	{ND on all 19} analytes			60	60	27.8	27.8
	G02-07DDA	04/09/02	E314.0	{ND on all 1} analytes			60	60	27.8	27.8
	G02-07DDA	04/09/02	OC21V	BENZENE	0.3 J	UG/L	60	60	27.8	27.8
	G02-07DDA	04/09/02	OC21V	CHLOROFORM	0.6 J	UG/L	60	60	27.8	27.8
	G02-07DEA	04/09/02	8330N	{ND on all 19} analytes			70	70	37.8	37.8
	G02-07DEA	04/09/02	E314.0	{ND on all 1} analytes			70	70	37.8	37.8
	G02-07DEA	04/09/02	OC21V	CHLOROFORM	0.7 J	UG/L	70	70	37.8	37.8

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
	G02-07DFA	04/09/02	8330N	{ND on all 19} analytes			80	80	47.8	47.8
	G02-07DFA	04/09/02	E314.0	{ND on all 1} analytes			80	80	47.8	47.8
	G02-07DFA	04/09/02	OC21V	1,2,4-TRICHLOROBENZENE	0.2 J	UG/L	80	80	47.8	47.8
	G02-07DFA	04/09/02	OC21V	CHLOROFORM	0.6 J	UG/L	80	80	47.8	47.8
	G02-07DGA	04/09/02	8330N	{ND on all 19} analytes			90	90	57.8	57.8
	G02-07DGA	04/09/02	E314.0	{ND on all 1} analytes			90	90	57.8	57.8
	G02-07DGA	04/09/02	OC21V	CHLOROFORM	0.7 J	UG/L	90	90	57.8	57.8
	G02-07DHA	04/09/02	8330N	{ND on all 19} analytes			100	100	67.8	67.8
	G02-07DHA	04/09/02	E314.0	{ND on all 1} analytes			100	100	67.8	67.8
	G02-07DHA	04/09/02	OC21V	CHLOROFORM	0.7 J	UG/L	100	100	67.8	67.8
	G02-07DIA	04/09/02	8330N	2,4-DIAMINO-6-NITROTOLUENE	0.47 J	UG/L	110	110	77.8	77.8
	G02-07DIA	04/09/02	8330N	2,6-DINITROTOLUENE	0.96 J	UG/L	110	110	77.8	77.8
	G02-07DIA	04/09/02	E314.0	{ND on all 1} analytes			110	110	77.8	77.8
	G02-07DIA	04/09/02	OC21V	ACETONE	2 J	UG/L	110	110	77.8	77.8
	G02-07DIA	04/09/02	OC21V	BENZENE	0.4 J	UG/L	110	110	77.8	77.8
	G02-07DIA	04/09/02	OC21V	CHLOROFORM	0.4 J	UG/L	110	110	77.8	77.8
	G02-07DJA	04/09/02	8330N	{ND on all 19} analytes			120	120	87.8	87.8
	G02-07DJA	04/09/02	E314.0	{ND on all 1} analytes			120	120	87.8	87.8
	G02-07DJA	04/09/02	OC21V	CHLOROFORM	0.2 J	UG/L	120	120	87.8	87.8
	G02-07DKA	04/09/02	8330N	2,4,6-TRINITROTOLUENE	0.34 J	UG/L	130	130	97.8	97.8
	G02-07DKA	04/09/02	8330N	2,6-DINITROTOLUENE	0.78 J	UG/L	130	130	97.8	97.8
	G02-07DKA	04/09/02	E314.0	{ND on all 1} analytes			130	130	97.8	97.8
	G02-07DKA	04/09/02	OC21V	CHLOROFORM	0.4 J	UG/L	130	130	97.8	97.8
	G02-07DLA	04/09/02	8330N	{ND on all 19} analytes			140	140	107.8	107.8
	G02-07DLA	04/09/02	E314.0	{ND on all 1} analytes			140	140	107.8	107.8
	G02-07DLA	04/09/02	OC21V	CHLOROFORM	0.3 J	UG/L	140	140	107.8	107.8
	G02-07DMA	04/10/02	8330N	{ND on all 19} analytes			150	150	117.8	117.8
	G02-07DMA	04/10/02	E314.0	{ND on all 1} analytes			150	150	117.8	117.8
	G02-07DMA	04/10/02	OC21V	ACETONE	1 J	UG/L	150	150	117.8	117.8
	G02-07DMA	04/10/02	OC21V	BENZENE	0.3 J	UG/L	150	150	117.8	117.8
	G02-07DMA	04/10/02	OC21V	CHLOROFORM	0.2 J	UG/L	150	150	117.8	117.8
02-08	G02-08DAA	04/01/02	8330N	{ND on all 19} analytes			30	30	10	10
	G02-08DAA	04/01/02	E314.0	{ND on all 1} analytes			30	30	10	10
	G02-08DAA	04/01/02	OC21V	ACETONE	16 J	UG/L	30	30	10	10
	G02-08DAA	04/01/02	OC21V	CHLOROFORM	0.8 J	UG/L	30	30	10	10
	G02-08DAA	04/01/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	9	UG/L	30	30	10	10
	G02-08DBA	04/02/02	8330N	{ND on all 19} analytes			40	40	20	20
	G02-08DBA	04/02/02	E314.0	{ND on all 1} analytes			40	40	20	20
	G02-08DBA	04/02/02	OC21V	ACETONE	15 J	UG/L	40	40	20	20
	G02-08DBA	04/02/02	OC21V	CHLOROETHANE	0.2 J	UG/L	40	40	20	20
	G02-08DBA	04/02/02	OC21V	CHLOROFORM	1	UG/L	40	40	20	20
	G02-08DBA	04/02/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	6	UG/L	40	40	20	20
	G02-08DCA	04/02/02	8330N	{ND on all 19} analytes			50	50	30	30
	G02-08DCA	04/02/02	E314.0	{ND on all 1} analytes			50	50	30	30
	G02-08DCA	04/02/02	OC21V	ACETONE	8 J	UG/L	50	50	30	30
	G02-08DCA	04/02/02	OC21V	CHLOROFORM	1	UG/L	50	50	30	30
	G02-08DCA	04/02/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	6	UG/L	50	50	30	30
	G02-08DDA	04/02/02	8330N	{ND on all 19} analytes			60	60	40	40
	G02-08DDA	04/02/02	E314.0	PERCHLORATE	0.56 J	UG/L	60	60	40	40
	G02-08DDA	04/02/02	OC21V	ACETONE	4 J	UG/L	60	60	40	40
	G02-08DDA	04/02/02	OC21V	CHLOROFORM	5	UG/L	60	60	40	40
	G02-08DDA	04/02/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	3 J	UG/L	60	60	40	40
	G02-08DEA	04/02/02	8330N	{ND on all 19} analytes			70	70	50	50
	G02-08DEA	04/02/02	E314.0	PERCHLORATE	0.6 J	UG/L	70	70	50	50
	G02-08DEA	04/02/02	OC21V	ACETONE	7 J	UG/L	70	70	50	50
	G02-08DEA	04/02/02	OC21V	CHLOROFORM	0.4 J	UG/L	70	70	50	50
	G02-08DEA	04/02/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4 J	UG/L	70	70	50	50
	G02-08DFA	04/02/02	8330N	{ND on all 19} analytes			80	80	60	60
	G02-08DFA	04/02/02	E314.0	{ND on all 1} analytes			80	80	60	60
	G02-08DFA	04/02/02	OC21V	ACETONE	5 J	UG/L	80	80	60	60

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
	G02-08DFA	04/02/02	OC21V	CHLOROFORM	0.3 J	UG/L	80	80	60	60
	G02-08DFA	04/02/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	80	80	60	60
	G02-08DGA	04/02/02	8330N	{ND on all 19} analytes			90	90	70	70
	G02-08DGA	04/02/02	E314.0	PERCHLORATE	0.47 J	UG/L	90	90	70	70
	G02-08DGA	04/02/02	OC21V	ACETONE	6 J	UG/L	90	90	70	70
	G02-08DGA	04/02/02	OC21V	CHLOROFORM	0.5 J	UG/L	90	90	70	70
	G02-08DGA	04/02/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	3 J	UG/L	90	90	70	70
	G02-08DHA	04/02/02	8330N	{ND on all 19} analytes			100	100	80	80
	G02-08DHA	04/02/02	E314.0	{ND on all 1} analytes			100	100	80	80
	G02-08DHA	04/02/02	OC21V	ACETONE	3 J	UG/L	100	100	80	80
	G02-08DIA	04/02/02	8330N	{ND on all 19} analytes			110	110	90	90
	G02-08DIA	04/02/02	E314.0	{ND on all 1} analytes			110	110	90	90
	G02-08DIA	04/02/02	OC21V	ACETONE	5 J	UG/L	110	110	90	90
	G02-08DIA	04/02/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4 J	UG/L	110	110	90	90
	G02-08DID	04/02/02	8330N	{ND on all 19} analytes			110	110	90	90
	G02-08DID	04/02/02	E314.0	{ND on all 1} analytes			110	110	90	90
	G02-08DID	04/02/02	OC21V	ACETONE	5 J	UG/L	110	110	90	90
	G02-08DID	04/02/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4 J	UG/L	110	110	90	90
	G02-08DJA	04/03/02	8330N	{ND on all 19} analytes			120	120	100	100
	G02-08DJA	04/03/02	E314.0	{ND on all 1} analytes			120	120	100	100
	G02-08DJA	04/03/02	OC21V	ACETONE	4 J	UG/L	120	120	100	100
	G02-08DKA	04/03/02	8330N	{ND on all 19} analytes			130	130	110	110
	G02-08DKA	04/03/02	E314.0	{ND on all 1} analytes			130	130	110	110
	G02-08DKA	04/03/02	OC21V	ACETONE	4 J	UG/L	130	130	110	110
	G02-08DKA	04/03/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	1 J	UG/L	130	130	110	110
02-09	G02-09DAA	03/26/02	8330N	{ND on all 19} analytes			12	12	2.9	2.9
	G02-09DAA	03/26/02	E314.0	PERCHLORATE	0.36 J	UG/L	12	12	2.9	2.9
	G02-09DAA	03/26/02	OC21V	ACETONE	12 J	UG/L	12	12	2.9	2.9
	G02-09DAA	03/26/02	OC21V	CHLOROFORM	1	UG/L	12	12	2.9	2.9
	G02-09DAA	03/26/02	OC21V	CHLOROMETHANE	0.2 J	UG/L	12	12	2.9	2.9
	G02-09DAA	03/26/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	6	UG/L	12	12	2.9	2.9
	G02-09DBA	03/27/02	8330N	{ND on all 19} analytes			20	20	10.9	10.9
	G02-09DBA	03/27/02	E314.0	PERCHLORATE	0.46 J	UG/L	20	20	10.9	10.9
	G02-09DBA	03/27/02	OC21V	2-HEXANONE	2 J	UG/L	20	20	10.9	10.9
	G02-09DBA	03/27/02	OC21V	ACETONE	30 J	UG/L	20	20	10.9	10.9
	G02-09DBA	03/27/02	OC21V	CHLOROETHANE	0.4 J	UG/L	20	20	10.9	10.9
	G02-09DBA	03/27/02	OC21V	CHLOROFORM	0.9 J	UG/L	20	20	10.9	10.9
	G02-09DBA	03/27/02	OC21V	CHLOROMETHANE	0.2 J	UG/L	20	20	10.9	10.9
	G02-09DBA	03/27/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	14	UG/L	20	20	10.9	10.9
	G02-09DBA	03/27/02	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	1 J	UG/L	20	20	10.9	10.9
	G02-09DCA	03/27/02	8330N	{ND on all 19} analytes			30	30	20.9	20.9
	G02-09DCA	03/27/02	E314.0	{ND on all 1} analytes			30	30	20.9	20.9
	G02-09DCA	03/27/02	OC21V	ACETONE	27 J	UG/L	30	30	20.9	20.9
	G02-09DCA	03/27/02	OC21V	BENZENE	0.3 J	UG/L	30	30	20.9	20.9
	G02-09DCA	03/27/02	OC21V	CHLOROETHANE	0.4 J	UG/L	30	30	20.9	20.9
	G02-09DCA	03/27/02	OC21V	CHLOROFORM	0.6 J	UG/L	30	30	20.9	20.9
	G02-09DCA	03/27/02	OC21V	CHLOROMETHANE	0.2 J	UG/L	30	30	20.9	20.9
	G02-09DCA	03/27/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	11	UG/L	30	30	20.9	20.9
	G02-09DCA	03/27/02	OC21V	TOLUENE	0.2 J	UG/L	30	30	20.9	20.9
	G02-09DDA	03/27/02	8330N	{ND on all 19} analytes			40	40	30.9	30.9
	G02-09DDA	03/27/02	E314.0	PERCHLORATE	0.58 J	UG/L	40	40	30.9	30.9
	G02-09DDA	03/27/02	OC21V	ACETONE	15 J	UG/L	40	40	30.9	30.9
	G02-09DDA	03/27/02	OC21V	CHLOROFORM	0.8 J	UG/L	40	40	30.9	30.9
	G02-09DDA	03/27/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	7	UG/L	40	40	30.9	30.9
	G02-09DEA	03/27/02	8330N	{ND on all 19} analytes			50	50	40.9	40.9
	G02-09DEA	03/27/02	E314.0	PERCHLORATE	0.71 J	UG/L	50	50	40.9	40.9
	G02-09DEA	03/27/02	OC21V	2-HEXANONE	2 J	UG/L	50	50	40.9	40.9
	G02-09DEA	03/27/02	OC21V	ACETONE	26 J	UG/L	50	50	40.9	40.9
	G02-09DEA	03/27/02	OC21V	CHLOROETHANE	0.5 J	UG/L	50	50	40.9	40.9
	G02-09DEA	03/27/02	OC21V	CHLOROFORM	0.7 J	UG/L	50	50	40.9	40.9

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
	G02-09DEA	03/27/02	OC21V	CHLOROMETHANE	0.2 J	UG/L	50	50	40.9	40.9
	G02-09DEA	03/27/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	14	UG/L	50	50	40.9	40.9
	G02-09DFA	03/27/02	8330N	{ND on all 19} analytes			60	60	50.9	50.9
	G02-09DFA	03/27/02	E314.0	PERCHLORATE	0.58 J	UG/L	60	60	50.9	50.9
	G02-09DFA	03/27/02	OC21V	CHLOROFORM	0.8 J	UG/L	60	60	50.9	50.9
	G02-09DFA	03/27/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	3 J	UG/L	60	60	50.9	50.9
	G02-09DGA	03/27/02	8330N	{ND on all 19} analytes			70	70	60.9	60.9
	G02-09DGA	03/27/02	E314.0	PERCHLORATE	0.69 J	UG/L	70	70	60.9	60.9
	G02-09DGA	03/27/02	OC21V	CHLOROFORM	0.5 J	UG/L	70	70	60.9	60.9
	G02-09DGA	03/27/02	OC21V	CHLOROMETHANE	0.7 J	UG/L	70	70	60.9	60.9
	G02-09DGA	03/27/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	5	UG/L	70	70	60.9	60.9
	G02-09DHA	03/27/02	8330N	{ND on all 19} analytes			80	80	70.9	70.9
	G02-09DHA	03/27/02	E314.0	{ND on all 1} analytes			80	80	70.9	70.9
	G02-09DHA	03/27/02	OC21V	CHLOROFORM	0.3 J	UG/L	80	80	70.9	70.9
	G02-09DHA	03/27/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4 J	UG/L	80	80	70.9	70.9
	G02-09DHD	03/27/02	8330N	{ND on all 19} analytes			80	80	70.9	70.9
	G02-09DHD	03/27/02	E314.0	{ND on all 1} analytes			80	80	70.9	70.9
	G02-09DHD	03/27/02	OC21V	CHLOROFORM	0.3 J	UG/L	80	80	70.9	70.9
	G02-09DHD	03/27/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4 J	UG/L	80	80	70.9	70.9
	G02-09DIA	03/27/02	8330N	{ND on all 19} analytes			90	90	80.9	80.9
	G02-09DIA	03/27/02	E314.0	{ND on all 1} analytes			90	90	80.9	80.9
	G02-09DIA	03/27/02	OC21V	CHLOROFORM	0.2 J	UG/L	90	90	80.9	80.9
	G02-09DIA	03/27/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	3 J	UG/L	90	90	80.9	80.9
	G02-09DJA	03/28/02	8330N	{ND on all 19} analytes			100	100	90.9	90.9
	G02-09DJA	03/28/02	E314.0	{ND on all 1} analytes			100	100	90.9	90.9
	G02-09DJA	03/28/02	OC21V	CHLOROFORM	0.3 J	UG/L	100	100	90.9	90.9
	G02-09DJA	03/28/02	OC21V	CHLOROMETHANE	0.3 J	UG/L	100	100	90.9	90.9
	G02-09DJA	03/28/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4 J	UG/L	100	100	90.9	90.9
	G02-09DKA	03/28/02	8330N	{ND on all 19} analytes			110	110	101.9	101.9
	G02-09DKA	03/28/02	E314.0	{ND on all 1} analytes			110	110	101.9	101.9
	G02-09DKA	03/28/02	OC21V	CHLOROFORM	0.2 J	UG/L	110	110	101.9	101.9
	G02-09DKA	03/28/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	110	110	101.9	101.9
	G02-09DLA	03/28/02	8330N	{ND on all 19} analytes			120	120	110.9	110.9
	G02-09DLA	03/28/02	E314.0	{ND on all 1} analytes			120	120	110.9	110.9
	G02-09DLA	03/28/02	OC21V	CHLOROMETHANE	0.2 J	UG/L	120	120	110.9	110.9
	G02-09DLA	03/28/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	7	UG/L	120	120	110.9	110.9
	G02-09DMA	03/28/02	8330N	{ND on all 19} analytes			130	130	120.9	120.9
	G02-09DMA	03/28/02	E314.0	{ND on all 1} analytes			130	130	120.9	120.9
	G02-09DMA	03/28/02	OC21V	{ND on all 44} analytes			130	130	120.9	120.9
	G02-09DNA	03/28/02	8330N	{ND on all 19} analytes			140	140	130.9	130.9
	G02-09DNA	03/28/02	E314.0	{ND on all 1} analytes			140	140	130.9	130.9
	G02-09DNA	03/28/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	3 J	UG/L	140	140	130.9	130.9
	G02-09DOA	03/29/02	8330N	{ND on all 19} analytes			150	150	140.9	140.9
	G02-09DOA	03/29/02	E314.0	{ND on all 1} analytes			150	150	140.9	140.9
	G02-09DOA	03/29/02	OC21V	ACETONE	10	UG/L	150	150	140.9	140.9
	G02-09DOA	03/29/02	OC21V	CHLOROETHANE	0.2 J	UG/L	150	150	140.9	140.9
	G02-09DOA	03/29/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	5	UG/L	150	150	140.9	140.9
02-10	G02-10DAA	04/11/02	8330N	{ND on all 19} analytes			50	50	10.5	10.5
	G02-10DAA	04/11/02	E314.0	{ND on all 1} analytes			50	50	10.5	10.5
	G02-10DAA	04/11/02	OC21V	CHLOROFORM	0.3 J	UG/L	50	50	10.5	10.5
	G02-10DBA	04/11/02	8330N	{ND on all 19} analytes			60	60	20.5	20.5
	G02-10DBA	04/11/02	E314.0	{ND on all 1} analytes			60	60	20.5	20.5
	G02-10DBA	04/11/02	OC21V	CHLOROFORM	0.4 J	UG/L	60	60	20.5	20.5
	G02-10DCA	04/11/02	8330N	{ND on all 19} analytes			70	70	30.5	30.5
	G02-10DCA	04/11/02	E314.0	{ND on all 1} analytes			70	70	30.5	30.5
	G02-10DCA	04/11/02	OC21V	CHLOROFORM	0.8 J	UG/L	70	70	30.5	30.5
	G02-10DDA	04/12/02	8330N	{ND on all 19} analytes			80	80	40.5	40.5
	G02-10DDA	04/12/02	E314.0	{ND on all 1} analytes			80	80	40.5	40.5
	G02-10DDA	04/12/02	OC21V	CHLOROFORM	0.6 J	UG/L	80	80	40.5	40.5
	G02-10DEA	04/12/02	8330N	{ND on all 19} analytes			90	90	50.5	50.5

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
	G02-10DEA	04/12/02	E314.0	PERCHLORATE	0.4 J	UG/L	90	90	50.5	50.5
	G02-10DEA	04/12/02	OC21V	CHLOROFORM	0.8 J	UG/L	90	90	50.5	50.5
	G02-10DFA	04/12/02	8330N	{ND on all 19} analytes			100	100	60.5	60.5
	G02-10DFA	04/12/02	E314.0	{ND on all 1} analytes			100	100	60.5	60.5
	G02-10DFA	04/12/02	OC21V	CHLOROFORM	0.6 J	UG/L	100	100	60.5	60.5
	G02-10DGA	04/12/02	8330N	{ND on all 19} analytes			110	110	70.5	70.5
	G02-10DGA	04/12/02	E314.0	{ND on all 1} analytes			110	110	70.5	70.5
	G02-10DGA	04/12/02	OC21V	CHLOROFORM	0.7 J	UG/L	110	110	70.5	70.5
	G02-10DHA	04/15/02	8330N	{ND on all 19} analytes			120	120	80.5	80.5
	G02-10DHA	04/15/02	E314.0	{ND on all 1} analytes			120	120	80.5	80.5
	G02-10DHA	04/15/02	OC21V	CHLOROFORM	0.5 J	UG/L	120	120	80.5	80.5
	G02-10DHD	04/15/02	8330N	{ND on all 19} analytes			120	120	80.5	80.5
	G02-10DHD	04/15/02	E314.0	{ND on all 1} analytes			120	120	80.5	80.5
	G02-10DHD	04/15/02	OC21V	CHLOROFORM	0.5 J	UG/L	120	120	80.5	80.5
	G02-10DIA	04/15/02	8330N	{ND on all 19} analytes			130	130	90.5	90.5
	G02-10DIA	04/15/02	E314.0	{ND on all 1} analytes			130	130	90.5	90.5
	G02-10DIA	04/15/02	OC21V	ACETONE	3 J	UG/L	130	130	90.5	90.5
	G02-10DIA	04/15/02	OC21V	CHLOROFORM	0.8 J	UG/L	130	130	90.5	90.5
	G02-10DJA	04/15/02	8330N	{ND on all 19} analytes			140	140	100.5	100.5
	G02-10DJA	04/15/02	E314.0	PERCHLORATE	0.73 J	UG/L	140	140	100.5	100.5
	G02-10DJA	04/15/02	OC21V	ACETONE	3 J	UG/L	140	140	100.5	100.5
	G02-10DJA	04/15/02	OC21V	CHLOROFORM	0.3 J	UG/L	140	140	100.5	100.5
	G02-10DKA	04/15/02	8330N	{ND on all 19} analytes			150	150	110.5	110.5
	G02-10DKA	04/15/02	E314.0	PERCHLORATE	0.45 J	UG/L	150	150	110.5	110.5
	G02-10DKA	04/15/02	OC21V	ACETONE	2 J	UG/L	150	150	110.5	110.5
	G02-10DKA	04/15/02	OC21V	CHLOROFORM	0.5 J	UG/L	150	150	110.5	110.5
	G02-10DLA	04/15/02	8330N	{ND on all 19} analytes			159.3	159.3	119.8	119.8
	G02-10DLA	04/15/02	E314.0	{ND on all 1} analytes			159.3	159.3	119.8	119.8
	G02-10DLA	04/15/02	OC21V	CHLOROFORM	0.4 J	UG/L	159.3	159.3	119.8	119.8
02-12	G02-12DAA	03/25/02	8330N	2,6-DINITROTOLUENE	0.28 J	UG/L	53	53	4	4
	G02-12DAA	03/25/02	E314.0	{ND on all 1} analytes			51	53	2	4
	G02-12DAA	03/25/02	OC21V	ACETONE	4 J	UG/L	53	53	4	4
	G02-12DAA	03/25/02	OC21V	CHLOROFORM	0.8 J	UG/L	53	53	4	4
	G02-12DAA	03/25/02	OC21V	CHLOROMETHANE	0.2 J	UG/L	53	53	4	4
	G02-12DAA	03/25/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	53	53	4	4
	G02-12DBA	03/25/02	8330N	{ND on all 19} analytes			60	60	11	11
	G02-12DBA	03/25/02	E314.0	{ND on all 1} analytes			60	60	11	11
	G02-12DBA	03/25/02	OC21V	ACETONE	4 J	UG/L	60	60	11	11
	G02-12DBA	03/25/02	OC21V	CHLOROFORM	0.7 J	UG/L	60	60	11	11
	G02-12DCA	03/25/02	8330N	{ND on all 19} analytes			70	70	21	21
	G02-12DCA	03/25/02	E314.0	{ND on all 1} analytes			70	70	21	21
	G02-12DCA	03/25/02	OC21V	ACETONE	2 J	UG/L	70	70	21	21
	G02-12DCA	03/25/02	OC21V	CHLOROFORM	0.6 J	UG/L	70	70	21	21
	G02-12DDA	03/26/02	8330N	2,6-DINITROTOLUENE	0.4 J	UG/L	80	80	31	31
	G02-12DDA	03/26/02	E314.0	{ND on all 1} analytes			80	80	31	31
	G02-12DDA	03/26/02	OC21V	ACETONE	2 J	UG/L	80	80	31	31
	G02-12DDA	03/26/02	OC21V	CHLOROFORM	1	UG/L	80	80	31	31
	G02-12DEA	03/26/02	8330N	{ND on all 19} analytes			90	90	41	41
	G02-12DEA	03/26/02	E314.0	{ND on all 1} analytes			90	90	41	41
	G02-12DEA	03/26/02	OC21V	CHLOROFORM	0.6 J	UG/L	90	90	41	41
	G02-12DFA	03/26/02	8330N	{ND on all 19} analytes			100	100	51	51
	G02-12DFA	03/26/02	E314.0	{ND on all 1} analytes			100	100	51	51
	G02-12DFA	03/26/02	OC21V	CHLOROFORM	0.4 J	UG/L	100	100	51	51
	G02-12DGA	03/26/02	8330N	{ND on all 19} analytes			110	110	61	61
	G02-12DGA	03/26/02	E314.0	{ND on all 1} analytes			110	110	61	61
	G02-12DGA	03/26/02	OC21V	CHLOROFORM	0.4 J	UG/L	110	110	61	61
	G02-12DHA	03/26/02	8330N	{ND on all 19} analytes			12	120	71	71
	G02-12DHA	03/26/02	E314.0	{ND on all 1} analytes			120	120	71	71
	G02-12DHA	03/26/02	OC21V	CHLOROFORM	0.3 J	UG/L	12	120	71	71
	G02-12DIA	03/26/02	8330N	{ND on all 19} analytes			130	130	81	81

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
	G02-12DIA	03/26/02	E314.0	{ND on all 1} analytes			130	130	81	81
	G02-12DIA	03/26/02	OC21V	CHLOROFORM	0.4 J	UG/L	130	130	81	81
	G02-12DJA	03/26/02	8330N	{ND on all 19} analytes			140	140	91	91
	G02-12DJA	03/26/02	E314.0	{ND on all 1} analytes			140	140	91	91
	G02-12DJA	03/26/02	OC21V	CHLOROFORM	0.4 J	UG/L	140	140	91	91
	G02-12DKA	03/26/02	8330N	{ND on all 19} analytes			150	150	101	101
	G02-12DKA	03/26/02	E314.0	{ND on all 1} analytes			150	150	101	101
	G02-12DKA	03/26/02	OC21V	CHLOROFORM	0.4 J	UG/L	150	150	101	101
02-13	G02-13DAA	03/29/02	8330N	{ND on all 19} analytes			44	46	6.2	8.2
	G02-13DAA	03/29/02	E314.0	{ND on all 1} analytes			44	46	6.2	8.2
	G02-13DAA	03/29/02	OC21V	ACETONE	4 J	UG/L	44	46	6.2	8.2
	G02-13DAA	03/29/02	OC21V	CHLOROFORM	1	UG/L	44	46	6.2	8.2
	G02-13DBA	03/29/02	8330N	{ND on all 19} analytes			50	50	12.2	12.2
	G02-13DBA	03/29/02	E314.0	{ND on all 1} analytes			50	50	12.2	12.2
	G02-13DBA	03/29/02	OC21V	ACETONE	4 J	UG/L	50	50	12.2	12.2
	G02-13DBA	03/29/02	OC21V	CHLOROFORM	0.7 J	UG/L	50	50	12.2	12.2
	G02-13DCA	04/01/02	8330N	2,6-DINITROTOLUENE	0.27	UG/L	60	60	22.2	22.2
	G02-13DCA	04/01/02	E314.0	{ND on all 1} analytes			60	60	22.2	22.2
	G02-13DCA	04/01/02	OC21V	ACETONE	3 J	UG/L	60	60	22.2	22.2
	G02-13DCA	04/01/02	OC21V	CHLOROFORM	1	UG/L	60	60	22.2	22.2
	G02-13DDA	04/01/02	8330N	{ND on all 19} analytes			70	70	32.2	32.2
	G02-13DDA	04/01/02	E314.0	{ND on all 1} analytes			70	70	32.2	32.2
	G02-13DDA	04/01/02	OC21V	ACETONE	2 J	UG/L	70	70	32.2	32.2
	G02-13DDA	04/01/02	OC21V	CHLOROFORM	0.3 J	UG/L	70	70	32.2	32.2
	G02-13DDA	04/01/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	3 J	UG/L	70	70	32.2	32.2
	G02-13DEA	04/01/02	8330N	{ND on all 19} analytes			80	80	42.2	42.2
	G02-13DEA	04/01/02	E314.0	{ND on all 1} analytes			80	80	42.2	42.2
	G02-13DEA	04/01/02	OC21V	CHLOROFORM	0.4 J	UG/L	80	80	42.2	42.2
	G02-13DEA	04/01/02	OC21V	CHLOROMETHANE	0.2 J	UG/L	80	80	42.2	42.2
	G02-13DFA	04/01/02	8330N	{ND on all 19} analytes			90	90	52.2	52.2
	G02-13DFA	04/01/02	E314.0	{ND on all 1} analytes			90	90	52.2	52.2
	G02-13DFA	04/01/02	OC21V	ACETONE	2 J	UG/L	90	90	52.2	52.2
	G02-13DFA	04/01/02	OC21V	CHLOROFORM	0.5 J	UG/L	90	90	52.2	52.2
	G02-13DGA	04/01/02	8330N	{ND on all 19} analytes			100	100	62.2	62.2
	G02-13DGA	04/01/02	E314.0	{ND on all 1} analytes			100	100	62.2	62.2
	G02-13DGA	04/01/02	OC21V	CHLOROFORM	0.6 J	UG/L	100	100	62.2	62.2
	G02-13DGD	04/01/02	8330N	{ND on all 19} analytes			100	100	62.2	62.2
	G02-13DGD	04/01/02	E314.0	{ND on all 1} analytes			100	100	62.2	62.2
	G02-13DGD	04/01/02	OC21V	CHLOROFORM	0.6 J	UG/L	100	100	62.2	62.2
	G02-13DHA	04/01/02	8330N	{ND on all 19} analytes			110	110	72.2	72.2
	G02-13DHA	04/01/02	E314.0	{ND on all 1} analytes			110	110	72.2	72.2
	G02-13DHA	04/01/02	OC21V	CHLOROFORM	0.4 J	UG/L	110	110	72.2	72.2
	G02-13DIA	04/02/02	8330N	{ND on all 19} analytes			120	120	82.2	82.2
	G02-13DIA	04/02/02	E314.0	{ND on all 1} analytes			120	120	82.2	82.2
	G02-13DIA	04/02/02	OC21V	ACETONE	2 J	UG/L	120	120	82.2	82.2
	G02-13DIA	04/02/02	OC21V	CHLOROFORM	0.2 J	UG/L	120	120	82.2	82.2
	G02-13DJA	04/02/02	8330N	{ND on all 19} analytes			130	130	92.2	92.2
	G02-13DJA	04/02/02	E314.0	{ND on all 1} analytes			130	130	92.2	92.2
	G02-13DJA	04/02/02	OC21V	{ND on all 44} analytes			130	130	92.2	92.2
	G02-13DKA	04/03/02	8330N	{ND on all 19} analytes			140	140	102.2	102.2
	G02-13DKA	04/03/02	E314.0	{ND on all 1} analytes			140	140	102.2	102.2
	G02-13DKA	04/03/02	OC21V	ACETONE	8 J	UG/L	140	140	102.2	102.2
	G02-13DKA	04/03/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	140	140	102.2	102.2
	G02-13DLA	04/03/02	8330N	{ND on all 19} analytes			148	148	110.2	110.2
	G02-13DLA	04/03/02	E314.0	{ND on all 1} analytes			148	148	110.2	110.2
	G02-13DLA	04/03/02	OC21V	ACETONE	1 J	UG/L	148	148	110.2	110.2
02-15	G02-15DAA	04/25/02	8330N	{ND on all 19} analytes			50	50	0	10
	G02-15DAA	04/25/02	E314.0	{ND on all 1} analytes			50	50	0	10
	G02-15DAA	04/25/02	OC21V	CHLOROFORM	1	UG/L	50	50	0	10
	G02-15DBA	04/26/02	8330N	{ND on all 19} analytes			60	60	9.8	9.8

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
	G02-15DBA	04/26/02	E314.0	{ND on all 1} analytes			60	60	9.8	9.8
	G02-15DBA	04/26/02	OC21V	ACETONE	2 J	UG/L	60	60	9.8	9.8
	G02-15DBA	04/26/02	OC21V	CHLOROFORM	1	UG/L	60	60	9.8	9.8
	G02-15DCA	04/29/02	8330N	{ND on all 19} analytes			70	70	19.8	19.8
	G02-15DCA	04/29/02	E314.0	{ND on all 1} analytes			70	70	19.8	19.8
	G02-15DCA	04/29/02	OC21V	ACETONE	5	UG/L	70	70	19.8	19.8
	G02-15DCA	04/29/02	OC21V	CHLOROFORM	1	UG/L	70	70	19.8	19.8
	G02-15DDA	04/29/02	8330N	{ND on all 19} analytes			80	80	29.8	29.8
	G02-15DDA	04/29/02	E314.0	{ND on all 1} analytes			80	80	29.8	29.8
	G02-15DDA	04/29/02	OC21V	CHLOROFORM	2	UG/L	80	80	29.8	29.8
	G02-15DEA	04/29/02	8330N	{ND on all 19} analytes			90	90	39.8	39.8
	G02-15DEA	04/29/02	E314.0	{ND on all 1} analytes			90	90	39.8	39.8
	G02-15DEA	04/29/02	OC21V	CHLOROFORM	1	UG/L	90	90	39.8	39.8
	G02-15DFA	04/29/02	8330N	{ND on all 19} analytes			100	100	49.8	49.8
	G02-15DFA	04/29/02	E314.0	{ND on all 1} analytes			100	100	49.8	49.8
	G02-15DFA	04/29/02	OC21V	CHLOROFORM	0.7 J	UG/L	100	100	49.8	49.8
	G02-15DGA	04/29/02	8330N	{ND on all 19} analytes			110	110	59.8	59.8
	G02-15DGA	04/29/02	E314.0	{ND on all 1} analytes			110	110	59.8	59.8
	G02-15DGA	04/29/02	OC21V	CHLOROFORM	1	UG/L	110	110	59.8	59.8
	G02-15DHA	04/30/02	8330N	{ND on all 19} analytes			120	120	69.8	69.8
	G02-15DHA	04/30/02	E314.0	{ND on all 1} analytes			120	120	69.8	69.8
	G02-15DHA	04/30/02	OC21V	ACETONE	5 J	UG/L	120	120	69.8	69.8
	G02-15DHA	04/30/02	OC21V	CHLOROFORM	2	UG/L	120	120	69.8	69.8
	G02-15DIA	04/30/02	8330N	{ND on all 19} analytes			130	130	79.8	79.8
	G02-15DIA	04/30/02	E314.0	{ND on all 1} analytes			130	130	79.8	79.8
	G02-15DIA	04/30/02	OC21V	CHLOROFORM	1	UG/L	130	130	79.8	79.8
	G02-15DJA	04/30/02	8330N	{ND on all 19} analytes			140	140	89.8	89.8
	G02-15DJA	04/30/02	E314.0	{ND on all 1} analytes			140	140	89.8	89.8
	G02-15DJA	04/30/02	OC21V	CHLOROFORM	0.4 J	UG/L	140	140	89.8	89.8
	G02-15DKA	04/30/02	8330N	{ND on all 19} analytes			150	150	99.8	99.8
	G02-15DKA	04/30/02	E314.0	{ND on all 1} analytes			150	150	99.8	99.8
	G02-15DKA	04/30/02	OC21V	ACETONE	4 J	UG/L	150	150	99.8	99.8
	G02-15DKA	04/30/02	OC21V	CHLOROFORM	0.3 J	UG/L	150	150	99.8	99.8
	G02-15DKA	04/30/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	3 J	UG/L	150	150	99.8	99.8
	G02-15DLA	04/30/02	8330N	{ND on all 19} analytes			160	160	109.8	109.8
	G02-15DLA	04/30/02	E314.0	{ND on all 1} analytes			160	160	109.8	109.8
	G02-15DLA	04/30/02	OC21V	CHLOROFORM	0.5 J	UG/L	160	160	109.8	109.8
	G02-15DMA	04/30/02	8330N	{ND on all 19} analytes			164	164	113.8	113.8
	G02-15DMA	04/30/02	E314.0	{ND on all 1} analytes			164	164	113.8	113.8
	G02-15DMA	04/30/02	OC21V	CHLOROFORM	0.5 J	UG/L	164	164	113.8	113.8
MW-213	G213DAA	04/17/02	8330N	{ND on all 19} analytes			50	50	1.47	1.47
	G213DAA	04/17/02	E314.0	{ND on all 1} analytes			50	50	1.47	1.47
	G213DAA	04/17/02	OC21V	ACETONE	4 J	UG/L	50	50	1.47	1.47
	G213DAA	04/17/02	OC21V	BENZENE	0.3 J	UG/L	50	50	1.47	1.47
	G213DBA	04/17/02	8330N	{ND on all 19} analytes			60	60	11.47	11.47
	G213DBA	04/17/02	E314.0	{ND on all 1} analytes			60	60	11.47	11.47
	G213DBA	04/17/02	OC21V	ACETONE	4 J	UG/L	60	60	11.47	11.47
	G213DBA	04/17/02	OC21V	CHLOROFORM	1	UG/L	60	60	11.47	11.47
	G213DCA	04/17/02	8330N	{ND on all 19} analytes			70	70	21.47	21.47
	G213DCA	04/17/02	E314.0	PERCHLORATE	0.41 J	UG/L	70	70	21.47	21.47
	G213DCA	04/17/02	OC21V	CHLOROFORM	1	UG/L	70	70	21.47	21.47
	G213DDA	04/17/02	8330N	2,6-DINITROTOLUENE	0.32 J	UG/L	80	80	31.47	31.47
	G213DDA	04/17/02	E314.0	PERCHLORATE	1.67	UG/L	80	80	31.47	31.47
	G213DDA	04/17/02	OC21V	ACETONE	4 J	UG/L	80	80	31.47	31.47
	G213DDA	04/17/02	OC21V	CHLOROFORM	0.5 J	UG/L	80	80	31.47	31.47
	G213DDA	04/17/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	80	80	31.47	31.47
	G213DEA	04/17/02	8330N	{ND on all 19} analytes			90	90	41.47	41.47
	G213DEA	04/17/02	E314.0	PERCHLORATE	0.91 J	UG/L	90	90	41.47	41.47
	G213DEA	04/17/02	OC21V	ACETONE	10 J	UG/L	90	90	41.47	41.47
	G213DEA	04/17/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	90	90	41.47	41.47

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
	G213DFA	04/18/02	8330N	{ND on all 19} analytes			100	100	51.47	51.47
	G213DFA	04/18/02	E314.0	PERCHLORATE	0.38 J	UG/L	100	100	51.47	51.47
	G213DFA	04/18/02	OC21V	ACETONE	5 J	UG/L	100	100	51.47	51.47
	G213DGA	04/18/02	8330N	{ND on all 19} analytes			110	110	61.47	61.47
	G213DGA	04/18/02	E314.0	{ND on all 1} analytes			110	110	61.47	61.47
	G213DGA	04/18/02	OC21V	ACETONE	4 J	UG/L	110	110	61.47	61.47
	G213DGA	04/18/02	OC21V	CHLOROFORM	0.3 J	UG/L	110	110	61.47	61.47
	G213DHA	04/18/02	8330N	{ND on all 19} analytes			120	120	71.47	71.47
	G213DHA	04/18/02	E314.0	{ND on all 1} analytes			120	120	71.47	71.47
	G213DHA	04/18/02	OC21V	CHLOROFORM	0.4 J	UG/L	120	120	71.47	71.47
	G213DIA	04/18/02	8330N	{ND on all 19} analytes			130	130	81.47	81.47
	G213DIA	04/18/02	E314.0	{ND on all 1} analytes			130	130	81.47	81.47
	G213DIA	04/18/02	OC21V	ACETONE	4 J	UG/L	130	130	81.47	81.47
	G213DIA	04/18/02	OC21V	CHLOROFORM	0.4 J	UG/L	130	130	81.47	81.47
	G213DJA	04/18/02	8330N	{ND on all 19} analytes			140	140	91.47	91.47
	G213DJA	04/18/02	E314.0	{ND on all 1} analytes			140	140	91.47	91.47
	G213DJA	04/18/02	OC21V	CHLOROFORM	0.3 J	UG/L	140	140	91.47	91.47
	G213DKA	04/18/02	8330N	{ND on all 19} analytes			150	150	101.47	101.47
	G213DKA	04/18/02	E314.0	{ND on all 1} analytes			150	150	101.47	101.47
	G213DKA	04/18/02	OC21V	CHLOROFORM	0.2 J	UG/L	150	150	101.47	101.47
	G213DLA	04/19/02	8330N	{ND on all 19} analytes			160	160	111.47	111.47
	G213DLA	04/19/02	E314.0	{ND on all 1} analytes			160	160	111.47	111.47
	G213DLA	04/19/02	OC21V	CHLOROFORM	0.2 J	UG/L	160	160	111.47	111.47
	G213DMA	04/19/02	8330N	{ND on all 19} analytes			170	170	121.47	121.47
	G213DMA	04/19/02	E314.0	{ND on all 1} analytes			170	170	121.47	121.47
	G213DMA	04/19/02	OC21V	{ND on all 44} analytes			170	170	121.47	121.47
	G213DNA	04/19/02	8330N	{ND on all 19} analytes			180	180	131.47	131.47
	G213DNA	04/19/02	E314.0	{ND on all 1} analytes			180	180	131.47	131.47
	G213DNA	04/19/02	OC21V	{ND on all 44} analytes			180	180	131.47	131.47
	G213DOA	04/19/02	8330N	{ND on all 19} analytes			190	190	141.47	141.47
	G213DOA	04/19/02	E314.0	{ND on all 1} analytes			190	190	141.47	141.47
	G213DOA	04/19/02	OC21V	CHLOROFORM	0.4 J	UG/L	190	190	141.47	141.47
	G213DPA	04/19/02	8330N	{ND on all 19} analytes			200	200	151.47	151.47
	G213DPA	04/19/02	E314.0	{ND on all 1} analytes			200	200	151.47	151.47
	G213DPA	04/19/02	OC21V	CHLOROFORM	0.3 J	UG/L	200	200	151.47	151.47
	G213DPD	04/19/02	8330N	{ND on all 19} analytes			200	200	151.47	151.47
	G213DPD	04/19/02	E314.0	{ND on all 1} analytes			200	200	151.47	151.47
	G213DPD	04/19/02	OC21V	CHLOROFORM	0.3 J	UG/L	200	200	151.47	151.47
	G213DQA	04/19/02	8330N	{ND on all 19} analytes			210	210	161.47	161.47
	G213DQA	04/19/02	E314.0	{ND on all 1} analytes			210	210	161.47	161.47
	G213DQA	04/19/02	OC21V	CHLOROFORM	0.4 J	UG/L	210	210	161.47	161.47
	G213DRA	04/19/02	8330N	{ND on all 19} analytes			220	220	171.47	171.47
	G213DRA	04/19/02	E314.0	{ND on all 1} analytes			220	220	171.47	171.47
	G213DRA	04/19/02	OC21V	CHLOROFORM	0.4 J	UG/L	220	220	171.47	171.47
	G213DSA	04/19/02	8330N	{ND on all 19} analytes			230	230	181.47	181.47
	G213DSA	04/19/02	E314.0	{ND on all 1} analytes			230	230	181.47	181.47
	G213DSA	04/19/02	OC21V	{ND on all 44} analytes			230	230	181.47	181.47
	G213DTA	04/19/02	8330N	{ND on all 19} analytes			240	240	191.47	191.47
	G213DTA	04/19/02	E314.0	{ND on all 1} analytes			240	240	191.47	191.47
	G213DTA	04/19/02	OC21V	ACETONE	4 J	UG/L	240	240	191.47	191.47
	G213DTA	04/19/02	OC21V	CHLOROFORM	0.4 J	UG/L	240	240	191.47	191.47
	G213DUA	04/19/02	8330N	{ND on all 19} analytes			246	246	197.47	197.47
	G213DUA	04/19/02	E314.0	{ND on all 1} analytes			246	246	197.47	197.47
	G213DUA	04/19/02	OC21V	CHLOROFORM	0.3 J	UG/L	246	246	197.47	197.47
MW-216	G216DAA	05/06/02	8330N	2,6-DINITROTOLUENE	0.96 J	UG/L	210	210	1.7	1.7
	G216DAA	05/06/02	E314.0	{ND on all 1} analytes			210	210	1.7	1.7
	G216DAA	05/06/02	OC21V	2-HEXANONE	3 J	UG/L	210	210	1.7	1.7
	G216DAA	05/06/02	OC21V	ACETONE	27 J	UG/L	210	210	1.7	1.7
	G216DAA	05/06/02	OC21V	BENZENE	0.5 J	UG/L	210	210	1.7	1.7
	G216DAA	05/06/02	OC21V	CHLOROETHANE	0.3 J	UG/L	210	210	1.7	1.7

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
	G216DAA	05/06/02	OC21V	CHLOROFORM	0.2 J	UG/L	210	210	1.7	1.7
	G216DAA	05/06/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	13	UG/L	210	210	1.7	1.7
	G216DAA	05/06/02	OC21V	TOLUENE	0.2 J	UG/L	210	210	1.7	1.7
	G216DBA	05/06/02	8330N	{ND on all 19} analytes			220	220	11.7	11.7
	G216DBA	05/06/02	E314.0	{ND on all 1} analytes			220	220	11.7	11.7
	G216DBA	05/06/02	OC21V	2-HEXANONE	3 J	UG/L	220	220	11.7	11.7
	G216DBA	05/06/02	OC21V	ACETONE	30 J	UG/L	220	220	11.7	11.7
	G216DBA	05/06/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	13	UG/L	220	220	11.7	11.7
	G216DBA	05/06/02	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	2 J	UG/L	220	220	11.7	11.7
	G216DCA	05/07/02	8330N	2,6-DINITROTOLUENE	1.1 J	UG/L	230	230	21.7	21.7
	G216DCA	05/07/02	E314.0	{ND on all 1} analytes			230	230	21.7	21.7
	G216DCA	05/07/02	OC21V	ACETONE	48	UG/L	230	230	21.7	21.7
	G216DCA	05/07/02	OC21V	BENZENE	1	UG/L	230	230	21.7	21.7
	G216DCA	05/07/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	14	UG/L	230	230	21.7	21.7
	G216DDA	05/07/02	8330N	2,6-DINITROTOLUENE	2.2 J	UG/L	240	240	31.7	31.7
	G216DDA	05/07/02	E314.0	{ND on all 1} analytes			240	240	31.7	31.7
	G216DDA	05/07/02	OC21V	ACETONE	16	UG/L	240	240	31.7	31.7
	G216DDA	05/07/02	OC21V	BENZENE	0.7 J	UG/L	240	240	31.7	31.7
	G216DDA	05/07/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4 J	UG/L	240	240	31.7	31.7
	G216DDA	05/07/02	OC21V	TOLUENE	61	UG/L	240	240	31.7	31.7
	G216DFA	05/08/02	8330N	2,6-DINITROTOLUENE	4 J	UG/L	260	260	51.7	51.7
	G216DFA	05/08/02	E314.0	{ND on all 1} analytes			260	260	51.7	51.7
	G216DFA	05/08/02	OC21V	ACETONE	42	UG/L	260	260	51.7	51.7
	G216DFA	05/08/02	OC21V	BENZENE	1	UG/L	260	260	51.7	51.7
	G216DFA	05/08/02	OC21V	CHLOROFORM	0.2 J	UG/L	260	260	51.7	51.7
	G216DFA	05/08/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	11	UG/L	260	260	51.7	51.7
	G216DFA	05/08/02	OC21V	TOLUENE	11	UG/L	260	260	51.7	51.7
	G216DFD	05/08/02	8330N	2,6-DINITROTOLUENE	4 J	UG/L	260	260	51.7	51.7
	G216DFD	05/08/02	E314.0	{ND on all 1} analytes			260	260	51.7	51.7
	G216DFD	05/08/02	OC21V	ACETONE	35 J	UG/L	260	260	51.7	51.7
	G216DFD	05/08/02	OC21V	BENZENE	1 J	UG/L	260	260	51.7	51.7
	G216DFD	05/08/02	OC21V	CHLOROFORM	0.3 J	UG/L	260	260	51.7	51.7
	G216DFD	05/08/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	9 J	UG/L	260	260	51.7	51.7
	G216DFD	05/08/02	OC21V	TOLUENE	11 J	UG/L	260	260	51.7	51.7
	G216DGA	05/08/02	8330N	{ND on all 19} analytes			270	270	61.7	61.7
	G216DGA	05/08/02	E314.0	{ND on all 1} analytes			270	270	61.7	61.7
	G216DGA	05/08/02	OC21V	ACETONE	14 J	UG/L	270	270	61.7	61.7
	G216DGA	05/08/02	OC21V	CHLOROFORM	0.3 J	UG/L	270	270	61.7	61.7
	G216DGA	05/08/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4 J	UG/L	270	270	61.7	61.7
	G216DGA	05/08/02	OC21V	TOLUENE	4 J	UG/L	270	270	61.7	61.7
	G216DHA	05/08/02	8330N	{ND on all 19} analytes			280	280	71.7	71.7
	G216DHA	05/08/02	E314.0	{ND on all 1} analytes			280	280	71.7	71.7
	G216DHA	05/08/02	OC21V	ACETONE	9 J	UG/L	280	280	71.7	71.7
	G216DHA	05/08/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	3 J	UG/L	280	280	71.7	71.7
	G216DHA	05/08/02	OC21V	TOLUENE	2 J	UG/L	280	280	71.7	71.7
	G216DIA	05/08/02	8330N	{ND on all 19} analytes			290	290	81.7	81.7
	G216DIA	05/08/02	E314.0	{ND on all 1} analytes			290	290	81.7	81.7
	G216DIA	05/08/02	OC21V	ACETONE	15 J	UG/L	290	290	81.7	81.7
	G216DIA	05/08/02	OC21V	CARBON DISULFIDE	0.8 J	UG/L	290	290	81.7	81.7
	G216DIA	05/08/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4 J	UG/L	290	290	81.7	81.7
	G216DIA	05/08/02	OC21V	TOLUENE	1 J	UG/L	290	290	81.7	81.7
	G216DJA	05/08/02	8330N	{ND on all 19} analytes			300	300	91.7	91.7
	G216DJA	05/08/02	E314.0	{ND on all 1} analytes			300	300	91.7	91.7
	G216DJA	05/08/02	OC21V	ACETONE	8 J	UG/L	300	300	91.7	91.7
	G216DJA	05/08/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	300	300	91.7	91.7
	G216DKA	05/08/02	8330N	{ND on all 19} analytes			310	310	101.7	101.7
	G216DKA	05/08/02	E314.0	{ND on all 1} analytes			310	310	101.7	101.7
	G216DKA	05/08/02	OC21V	ACETONE	3 J	UG/L	310	310	101.7	101.7
	G216DLA	05/08/02	8330N	{ND on all 19} analytes			320	320	111.7	111.7
	G216DLA	05/08/02	E314.0	{ND on all 1} analytes			320	320	111.7	111.7

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
	G216DLA	05/08/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	320	320	111.7	111.7
	G216DMA	05/08/02	8330N	{ND on all 19} analytes			330	330	121.7	121.7
	G216DMA	05/08/02	E314.0	{ND on all 1} analytes			330	330	121.7	121.7
	G216DMA	05/08/02	OC21V	{ND on all 44} analytes			330	330	121.7	121.7
	G216DNA	05/09/02	8330N	{ND on all 19} analytes			340	340	131.7	131.7
	G216DNA	05/09/02	E314.0	{ND on all 1} analytes			340	340	131.7	131.7
	G216DNA	05/09/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	340	340	131.7	131.7
	G216DOA	05/09/02	8330N	{ND on all 19} analytes			350	350	141.7	141.7
	G216DOA	05/09/02	E314.0	{ND on all 1} analytes			350	350	141.7	141.7
	G216DOA	05/09/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4 J	UG/L	350	350	141.7	141.7
	G216DPA	05/09/02	8330N	2,6-DINITROTOLUENE	0.63 J	UG/L	360	360	151.7	151.7
	G216DPA	05/09/02	E314.0	{ND on all 1} analytes			360	360	151.7	151.7
	G216DPA	05/09/02	OC21V	ACETONE	36	UG/L	360	360	151.7	151.7
	G216DPA	05/09/02	OC21V	CHLOROETHANE	1	UG/L	360	360	151.7	151.7
	G216DPA	05/09/02	OC21V	CHLOROMETHANE	0.4 J	UG/L	360	360	151.7	151.7
	G216DPA	05/09/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	17	UG/L	360	360	151.7	151.7
	G216DPA	05/09/02	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	2 J	UG/L	360	360	151.7	151.7
	G216DQA	05/09/02	8330N	2,4-DIAMINO-6-NITROTOLUENE	0.4 J	UG/L	370	370	161.7	161.7
	G216DQA	05/09/02	E314.0	{ND on all 1} analytes			370	370	161.7	161.7
	G216DQA	05/09/02	OC21V	ACETONE	36 J	UG/L	370	370	161.7	161.7
	G216DQA	05/09/02	OC21V	BENZENE	0.4 J	UG/L	370	370	161.7	161.7
	G216DQA	05/09/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	10 J	UG/L	370	370	161.7	161.7
	G216DQA	05/09/02	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	1 J	UG/L	370	370	161.7	161.7
MW-219	G219DAA	05/29/02	8330N	2,6-DINITROTOLUENE	0.36	UG/L	195	195	8	8
	G219DAA	05/29/02	E314.0	{ND on all 1} analytes			195	195	8	8
	G219DAA	05/29/02	OC21V	2-HEXANONE	3 J	UG/L	195	195	8	8
	G219DAA	05/29/02	OC21V	ACETONE	73 J	UG/L	195	195	8	8
	G219DAA	05/29/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	25	UG/L	195	195	8	8
	G219DAA	05/29/02	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	2 J	UG/L	195	195	8	8
	G219DBA	05/30/02	8330N	2,4-DIAMINO-6-NITROTOLUENE	0.41 J	UG/L	200	200	13	13
	G219DBA	05/30/02	E314.0	{ND on all 1} analytes			200	200	13	13
	G219DBA	05/30/02	OC21V	2-HEXANONE	2 J	UG/L	200	200	13	13
	G219DBA	05/30/02	OC21V	ACETONE	44	UG/L	200	200	13	13
	G219DBA	05/30/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	73	UG/L	200	200	13	13
	G219DCA	05/30/02	8330N	2,6-DINITROTOLUENE	0.81 J	UG/L	210	210	23	23
	G219DCA	05/30/02	E314.0	{ND on all 1} analytes			210	210	23	23
	G219DCA	05/30/02	OC21V	2-HEXANONE	3 J	UG/L	210	210	23	23
	G219DCA	05/30/02	OC21V	ACETONE	35	UG/L	210	210	23	23
	G219DCA	05/30/02	OC21V	CHLOROETHANE	0.4 J	UG/L	210	210	23	23
	G219DCA	05/30/02	OC21V	CHLOROFORM	0.2 J	UG/L	210	210	23	23
	G219DCA	05/30/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	19	UG/L	210	210	23	23
	G219DCA	05/30/02	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	2 J	UG/L	210	210	23	23
	G219DDA	05/30/02	8330N	2,6-DINITROTOLUENE	0.33 J	UG/L	220	220	33	33
	G219DDA	05/30/02	E314.0	{ND on all 1} analytes			220	220	33	33
	G219DDA	05/30/02	OC21V	2-HEXANONE	2 J	UG/L	220	220	33	33
	G219DDA	05/30/02	OC21V	ACETONE	14 J	UG/L	220	220	33	33
	G219DDA	05/30/02	OC21V	CHLOROETHANE	0.4 J	UG/L	220	220	33	33
	G219DDA	05/30/02	OC21V	CHLOROFORM	0.5 J	UG/L	220	220	33	33
	G219DDA	05/30/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	12	UG/L	220	220	33	33
	G219DDA	05/30/02	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	1 J	UG/L	220	220	33	33
	G219DEA	05/30/02	8330N	2,4-DIAMINO-6-NITROTOLUENE	0.33 J	UG/L	230	230	43	43
	G219DEA	05/30/02	OC21V	2-HEXANONE	4 J	UG/L	230	230	43	43
	G219DEA	05/30/02	OC21V	ACETONE	21 J	UG/L	230	230	43	43
	G219DEA	05/30/02	OC21V	CHLOROETHANE	0.3 J	UG/L	230	230	43	43
	G219DEA	05/30/02	OC21V	CHLOROFORM	0.3 J	UG/L	230	230	43	43
	G219DEA	05/30/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	15	UG/L	230	230	43	43
	G219DEA	05/30/02	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	2 J	UG/L	230	230	43	43
	G219DFA	05/30/02	8330N	2,4-DIAMINO-6-NITROTOLUENE	0.34 J	UG/L	240	240	53	53
	G219DFA	05/30/02	E314.0	{ND on all 1} analytes			240	240	53	53
	G219DFA	05/30/02	OC21V	2-HEXANONE	3 J	UG/L	240	240	53	53

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
	G219DFA	05/30/02	OC21V	ACETONE	18 J	UG/L	240	240	53	53
	G219DFA	05/30/02	OC21V	CHLOROETHANE	0.4 J	UG/L	240	240	53	53
	G219DFA	05/30/02	OC21V	CHLOROMETHANE	0.6 J	UG/L	240	240	53	53
	G219DFA	05/30/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	14	UG/L	240	240	53	53
	G219DFA	05/30/02	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	2 J	UG/L	240	240	53	53
	G219DGA	06/03/02	8330N	2,6-DINITROTOLUENE	0.9 J	UG/L	250	250	63	63
	G219DGA	06/03/02	OC21V	ACETONE	59 J	UG/L	250	250	63	63
	G219DGA	06/03/02	OC21V	CHLOROFORM	0.6 J	UG/L	250	250	63	63
	G219DGA	06/03/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	11	UG/L	250	250	63	63
	G219DGA	05/30/02	E314.0	{ND on all 1} analytes			250	250	63	63
	G219DHA	06/03/02	8330N	{ND on all 19} analytes			260	260	73	73
	G219DHA	06/03/02	OC21V	CHLOROFORM	0.4 J	UG/L	260	260	73	73
	G219DHA	06/03/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	6	UG/L	260	260	73	73
	G219DHA	05/30/02	E314.0	{ND on all 1} analytes			260	260	73	73
	G219DIA	06/03/02	8330N	{ND on all 19} analytes			270	270	83	83
	G219DIA	06/03/02	E314.0	{ND on all 1} analytes			270	270	83	83
	G219DIA	06/03/02	OC21V	ACETONE	22 J	UG/L	270	270	83	83
	G219DIA	06/03/02	OC21V	CHLOROFORM	0.3 J	UG/L	270	270	83	83
	G219DIA	06/03/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	16	UG/L	270	270	83	83
	G219DJA	06/03/02	8330N	2,6-DINITROTOLUENE	0.74 J	UG/L	280	280	93	93
	G219DJA	06/03/02	E314.0	{ND on all 1} analytes			280	280	93	93
	G219DJA	06/03/02	OC21V	ACETONE	40 J	UG/L	280	280	93	93
	G219DJA	06/03/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	47	UG/L	280	280	93	93
	G219DKA	06/03/02	8330N	2,6-DINITROTOLUENE	1 J	UG/L	290	290	103	103
	G219DKA	06/03/02	E314.0	{ND on all 1} analytes			290	290	103	103
	G219DKA	06/03/02	OC21V	2-HEXANONE	7	UG/L	290	290	103	103
	G219DKA	06/03/02	OC21V	ACETONE	48 J	UG/L	290	290	103	103
	G219DKA	06/03/02	OC21V	CARBON DISULFIDE	0.3 J	UG/L	290	290	103	103
	G219DKA	06/03/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	30	UG/L	290	290	103	103
	G219DKA	06/03/02	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	3 J	UG/L	290	290	103	103
	G219DLA	06/03/02	8330N	2,6-DINITROTOLUENE	0.34 J	UG/L	300	300	113	113
	G219DLA	06/03/02	E314.0	{ND on all 1} analytes			300	300	113	113
	G219DLA	06/03/02	OC21V	2-HEXANONE	7	UG/L	300	300	113	113
	G219DLA	06/03/02	OC21V	ACETONE	22	UG/L	300	300	113	113
	G219DLA	06/03/02	OC21V	CHLOROFORM	0.2 J	UG/L	300	300	113	113
	G219DLA	06/03/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	19	UG/L	300	300	113	113
	G219DMA	06/04/02	8330N	{ND on all 19} analytes			310	310	123	123
	G219DMA	06/04/02	E314.0	{ND on all 1} analytes			310	310	123	123
	G219DMA	06/04/02	OC21V	2-HEXANONE	2 J	UG/L	310	310	123	123
	G219DMA	06/04/02	OC21V	CHLOROFORM	0.2 J	UG/L	310	310	123	123
	G219DMA	06/04/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	9	UG/L	310	310	123	123
	G219DMD	06/04/02	8330N	2,6-DINITROTOLUENE	0.29 J	UG/L	310	310	123	123
	G219DMD	06/04/02	E314.0	{ND on all 1} analytes			310	310	123	123
	G219DMD	06/04/02	OC21V	2-HEXANONE	2 J	UG/L	310	310	123	123
	G219DMD	06/04/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	11	UG/L	310	310	123	123
	G219DNA	06/04/02	8330N	{ND on all 19} analytes			320	320	133	133
	G219DNA	06/04/02	E314.0	{ND on all 1} analytes			320	320	133	143
	G219DNA	06/04/02	OC21V	ACETONE	39 J	UG/L	320	320	133	133
	G219DNA	06/04/02	OC21V	BENZENE	0.6 J	UG/L	320	320	133	133
	G219DNA	06/04/02	OC21V	CARBON DISULFIDE	0.3 J	UG/L	320	320	133	133
	G219DNA	06/04/02	OC21V	CHLOROMETHANE	0.4 J	UG/L	320	320	133	133
	G219DNA	06/04/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	14	UG/L	320	320	133	133
	G219DNA	06/04/02	OC21V	TOLUENE	0.8 J	UG/L	320	320	133	133
	G219DOA	06/05/02	8330N	{ND on all 19} analytes			330	330	143	143
	G219DOA	06/05/02	E314.0	{ND on all 1} analytes			330	330	143	143
	G219DOA	06/05/02	OC21V	CHLOROFORM	0.3 J	UG/L	330	330	143	143
	G219DOA	06/05/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	330	330	143	143
	G219DPA	06/05/02	8330N	{ND on all 19} analytes			340	340	153	153
	G219DPA	06/05/02	E314.0	{ND on all 1} analytes			340	340	153	153
	G219DPA	06/05/02	OC21V	CHLOROFORM	0.2 J	UG/L	340	340	153	153

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
	G219DPA	06/05/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	5	UG/L	340	340	153	153
	G219DQA	06/05/02	8330N	{ND on all 19} analytes			350	350	163	163
	G219DQA	06/05/02	E314.0	{ND on all 1} analytes			350	350	163	163
	G219DQA	06/05/02	OC21V	2-HEXANONE	2 J	UG/L	350	350	163	163
	G219DQA	06/05/02	OC21V	CHLOROFORM	0.4 J	UG/L	350	350	163	163
	G219DQA	06/05/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	9	UG/L	350	350	163	163
	G219DRA	06/05/02	8330N	{ND on all 19} analytes			360	360	173	173
	G219DRA	06/05/02	E314.0	{ND on all 1} analytes			360	360	173	173
	G219DRA	06/05/02	OC21V	CHLOROFORM	0.4 J	UG/L	360	360	173	173
	G219DRA	06/05/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	10	UG/L	360	360	173	173
	G219DSA	06/05/02	8330N	{ND on all 19} analytes			370	370	183	183
	G219DSA	06/05/02	E314.0	{ND on all 1} analytes			370	370	183	183
	G219DSA	06/05/02	OC21V	CHLOROFORM	0.3 J	UG/L	370	370	183	183
	G219DSA	06/05/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	11	UG/L	370	370	183	183
	G219DTA	06/05/02	8330N	{ND on all 19} analytes			378	378	191	191
	G219DTA	06/05/02	E314.0	{ND on all 1} analytes			378	378	191	191
	G219DTA	06/05/02	OC21V	CHLOROFORM	0.2 J	UG/L	378	378	191	191
	G219DTA	06/05/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	3 J	UG/L	378	378	191	191
MW-226	G226DAA	06/24/02	8330N	{ND on all 19} analytes			120	120	6.4	6.4
	G226DAA	06/24/02	E314.0	{ND on all 1} analytes			120	120	6.4	6.4
	G226DAA	06/24/02	OC21V	ACETONE	21	UG/L	120	120	6.4	6.4
	G226DAA	06/24/02	OC21V	BENZENE	0.7 J	UG/L	120	120	6.4	6.4
	G226DAA	06/24/02	OC21V	CHLOROFORM	0.9 J	UG/L	120	120	6.4	6.4
	G226DAA	06/24/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4 J	UG/L	120	120	6.4	6.4
	G226DBA	06/24/02	8330N	{ND on all 19} analytes			130	130	16.4	16.4
	G226DBA	06/24/02	E314.0	{ND on all 1} analytes			130	130	16.4	16.4
	G226DBA	06/24/02	OC21V	ACETONE	13	UG/L	130	130	16.4	16.4
	G226DBA	06/24/02	OC21V	BENZENE	0.5 J	UG/L	130	130	16.4	16.4
	G226DBA	06/24/02	OC21V	CHLOROFORM	0.3 J	UG/L	130	130	16.4	16.4
	G226DBA	06/24/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	130	130	16.4	16.4
	G226DCA	06/24/02	8330N	{ND on all 19} analytes			140	140	26.4	26.4
	G226DCA	06/24/02	E314.0	PERCHLORATE	0.78 J	UG/L	140	140	26.4	26.4
	G226DCA	06/24/02	OC21V	CHLOROFORM	1	UG/L	140	140	26.4	26.4
	G226DDA	06/24/02	8330N	{ND on all 19} analytes			150	150	36.4	36.4
	G226DDA	06/24/02	E314.0	{ND on all 1} analytes			150	150	36.4	36.4
	G226DDA	06/24/02	OC21V	BENZENE	0.3 J	UG/L	150	150	36.4	36.4
	G226DDA	06/24/02	OC21V	CHLOROFORM	0.9 J	UG/L	150	150	36.4	36.4
	G226DDA	06/24/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	150	150	36.4	36.4
	G226DEA	06/24/02	8330N	{ND on all 19} analytes			160	160	46.4	46.4
	G226DEA	06/24/02	E314.0	PERCHLORATE	0.9 J	UG/L	160	160	46.4	46.4
	G226DEA	06/24/02	OC21V	BENZENE	0.2 J	UG/L	160	160	46.4	46.4
	G226DEA	06/24/02	OC21V	CHLOROFORM	0.6 J	UG/L	160	160	46.4	46.4
	G226DFA	06/24/02	8330N	{ND on all 19} analytes			170	170	56.4	56.4
	G226DFA	06/24/02	E314.0	PERCHLORATE	0.44 J	UG/L	170	170	56.4	56.4
	G226DFA	06/24/02	OC21V	CHLOROFORM	0.6 J	UG/L	170	170	56.4	56.4
	G226DGA	06/24/02	8330N	{ND on all 19} analytes			180	180	66.4	66.4
	G226DGA	06/24/02	E314.0	PERCHLORATE	1.3	UG/L	180	180	66.4	66.4
	G226DGA	06/24/02	OC21V	CHLOROFORM	0.8 J	UG/L	180	180	66.4	66.4
	G226DHA	06/24/02	8330N	{ND on all 19} analytes			190	190	76.4	76.4
	G226DHA	06/24/02	E314.0	PERCHLORATE	0.6 J	UG/L	190	190	76.4	76.4
	G226DHA	06/24/02	OC21V	CHLOROFORM	0.6 J	UG/L	190	190	76.4	76.4
	G226DIA	06/25/02	8330N	{ND on all 19} analytes			200	200	86.4	86.4
	G226DIA	06/25/02	E314.0	{ND on all 1} analytes			200	200	86.4	86.4
	G226DIA	06/25/02	OC21V	CHLOROFORM	0.6 J	UG/L	200	200	86.4	86.4
	G226DJA	06/25/02	8330N	{ND on all 19} analytes			210	210	96.4	96.4
	G226DJA	06/25/02	E314.0	{ND on all 1} analytes			210	210	96.4	96.4
	G226DJA	06/25/02	OC21V	CHLOROFORM	0.7 J	UG/L	210	210	96.4	96.4
	G226DKA	06/25/02	8330N	{ND on all 19} analytes			220	220	106.4	106.4
	G226DKA	06/25/02	E314.0	{ND on all 1} analytes			220	220	106.4	106.4
	G226DKA	06/25/02	OC21V	CHLOROFORM	0.6 J	UG/L	220	220	106.4	106.4

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
	G226DLA	06/25/02	8330N	{ND on all 19} analytes			230	230	116.4	116.4
	G226DLA	06/25/02	E314.0	{ND on all 1} analytes			230	230	116.4	116.4
	G226DLA	06/25/02	OC21V	CHLOROFORM	0.6 J	UG/L	230	230	116.4	116.4
	G226DLD	06/25/02	8330N	{ND on all 19} analytes			230	230	116.4	116.4
	G226DLD	06/25/02	E314.0	{ND on all 1} analytes			230	230	116.4	116.4
	G226DLD	06/25/02	OC21V	CHLOROFORM	0.6 J	UG/L	230	230	116.4	116.4
	G226DMA	06/25/02	8330N	{ND on all 19} analytes			240	240	126.4	126.4
	G226DMA	06/25/02	E314.0	{ND on all 1} analytes			240	240	126.4	126.4
	G226DMA	06/25/02	OC21V	CHLOROFORM	0.6 J	UG/L	240	240	126.4	126.4
	G226DNA	06/25/02	8330N	{ND on all 19} analytes			250	250	136.4	136.4
	G226DNA	06/25/02	E314.0	{ND on all 1} analytes			250	250	136.4	136.4
	G226DNA	06/25/02	OC21V	CHLOROFORM	0.6 J	UG/L	250	250	136.4	136.4
	G226DOA	06/25/02	8330N	{ND on all 19} analytes			260	260	146.4	146.4
	G226DOA	06/25/02	E314.0	{ND on all 1} analytes			260	260	146.4	146.4
	G226DOA	06/25/02	OC21V	CHLOROFORM	0.7 J	UG/L	260	260	146.4	146.4
	G226DPA	06/25/02	8330N	{ND on all 19} analytes			270	270	156.4	156.4
	G226DPA	06/25/02	E314.0	PERCHLORATE	0.42 J	UG/L	270	270	156.4	156.4
	G226DPA	06/25/02	OC21V	ACETONE	2 J	UG/L	270	270	156.4	156.4
	G226DPA	06/25/02	OC21V	CHLOROFORM	0.6 J	UG/L	270	270	156.4	156.4
	G226DQA	06/26/02	8330N	{ND on all 19} analytes			280	280	166.4	166.4
	G226DQA	06/26/02	E314.0	{ND on all 1} analytes			280	280	166.4	166.4
	G226DQA	06/26/02	OC21V	CHLOROFORM	0.4 J	UG/L	280	280	166.4	166.4
	G226DRA	06/26/02	8330N	{ND on all 19} analytes			290	290	176.4	176.4
	G226DRA	06/26/02	E314.0	{ND on all 1} analytes			290	290	176.4	176.4
	G226DRA	06/26/02	OC21V	ACETONE	8 J	UG/L	290	290	176.4	176.4
	G226DRA	06/26/02	OC21V	CHLOROFORM	0.3 J	UG/L	290	290	176.4	176.4
	G226DRA	06/26/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	290	290	176.4	176.4
	G226DSA	06/26/02	8330N	{ND on all 19} analytes			300	300	186.4	186.4
	G226DSA	06/26/02	E314.0	{ND on all 1} analytes			300	300	186.4	186.4
	G226DSA	06/26/02	OC21V	CHLOROFORM	0.3 J	UG/L	300	300	186.4	186.4
	G226DTA	06/26/02	8330N	{ND on all 19} analytes			306	306	192.4	192.4
	G226DTA	06/26/02	E314.0	{ND on all 1} analytes			306	306	192.4	192.4
	G226DTA	06/26/02	OC21V	CHLOROFORM	0.2 J	UG/L	306	306	192.4	192.4
MW-233	G233DAA	08/06/02	8330N	{ND on all 19} analytes			220	220	3.55	3.55
	G233DAA	08/06/02	E314.0	{ND on all 1} analytes			220	220	3.55	3.55
	G233DAA	08/06/02	OC21V	1,2,4-TRICHLOROBENZENE	0.3 J	UG/L	220	220	3.55	3.55
	G233DAA	08/06/02	OC21V	2-HEXANONE	3 J	UG/L	220	220	3.55	3.55
	G233DAA	08/06/02	OC21V	ACETONE	74	UG/L	220	220	3.55	3.55
	G233DAA	08/06/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	22	UG/L	220	220	3.55	3.55
	G233DBA	08/07/02	8330N	{ND on all 19} analytes			230	230	13.55	13.55
	G233DBA	08/07/02	E314.0	PERCHLORATE	1.92	UG/L	230	230	13.55	13.55
	G233DBA	08/07/02	OC21V	CHLOROFORM	0.8 J	UG/L	230	230	13.55	13.55
	G233DBA	08/07/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4 J	UG/L	230	230	13.55	13.55
	G233DCA	08/07/02	8330N	{ND on all 19} analytes			240	240	23.55	23.55
	G233DCA	08/07/02	E314.0	PERCHLORATE	1.83	UG/L	240	240	23.55	23.55
	G233DCA	08/07/02	OC21V	ACETONE	9	UG/L	240	240	23.55	23.55
	G233DCA	08/07/02	OC21V	CHLOROFORM	0.8 J	UG/L	240	240	23.55	23.55
	G233DCA	08/07/02	OC21V	CHLOROMETHANE	0.4 J	UG/L	240	240	23.55	23.55
	G233DCA	08/07/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	6	UG/L	240	240	23.55	23.55
	G233DDA	08/07/02	8330N	{ND on all 19} analytes			250	250	33.55	33.55
	G233DDA	08/07/02	E314.0	PERCHLORATE	1.48	UG/L	250	250	33.55	33.55
	G233DDA	08/07/02	OC21V	CHLOROFORM	1	UG/L	250	250	33.55	33.55
	G233DDA	08/07/02	OC21V	CHLOROMETHANE	0.4 J	UG/L	250	250	33.55	33.55
	G233DDA	08/07/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	250	250	33.55	33.55
	G233DEA	08/07/02	8330N	{ND on all 19} analytes			260	260	43.55	43.55
	G233DEA	08/07/02	E314.0	{ND on all 1} analytes			260	260	43.55	43.55
	G233DEA	08/07/02	OC21V	ACETONE	7	UG/L	260	260	43.55	43.55
	G233DEA	08/07/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4 J	UG/L	260	260	43.55	43.55
	G233DFA	08/07/02	8330N	{ND on all 19} analytes			270	270	53.55	53.55
	G233DFA	08/07/02	E314.0	{ND on all 1} analytes			270	270	53.55	53.55

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
	G233DFA	08/07/02	OC21V	ACETONE	12	UG/L	270	270	53.55	53.55
	G233DFA	08/07/02	OC21V	CHLOROFORM	0.2 J	UG/L	270	270	53.55	53.55
	G233DFA	08/07/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	7	UG/L	270	270	53.55	53.55
	G233DGA	08/08/02	8330N	{ND on all 19} analytes			280	280	63.55	63.55
	G233DGA	08/08/02	E314.0	{ND on all 1} analytes			280	280	63.55	63.55
	G233DGA	08/08/02	OC21V	ACETONE	12 J	UG/L	280	280	63.55	63.55
	G233DGA	08/08/02	OC21V	CHLOROFORM	2 J	UG/L	280	280	63.55	63.55
	G233DGA	08/08/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	18 J	UG/L	280	280	63.55	63.55
	G233DGD	08/08/02	8330N	{ND on all 19} analytes			280	280	63.55	63.55
	G233DGD	08/08/02	E314.0	{ND on all 1} analytes			280	280	63.55	63.55
	G233DGD	08/08/02	OC21V	ACETONE	16 J	UG/L	280	280	63.55	63.55
	G233DGD	08/08/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	21 J	UG/L	280	280	63.55	63.55
	G233DHA	08/08/02	8330N	{ND on all 19} analytes			290	290	73.55	73.55
	G233DHA	08/08/02	E314.0	{ND on all 1} analytes			290	290	73.55	73.55
	G233DHA	08/08/02	OC21V	ACETONE	9 J	UG/L	290	290	73.55	73.55
	G233DHA	08/08/02	OC21V	CHLOROFORM	0.3 J	UG/L	290	290	73.55	73.55
	G233DHA	08/08/02	OC21V	CHLOROMETHANE	0.7 J	UG/L	290	290	73.55	73.55
	G233DHA	08/08/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4 J	UG/L	290	290	73.55	73.55
	G233DIA	08/08/02	8330N	{ND on all 19} analytes			300	300	83.55	83.55
	G233DIA	08/08/02	E314.0	{ND on all 1} analytes			300	300	83.55	83.55
	G233DIA	08/08/02	OC21V	ACETONE	13 J	UG/L	300	300	83.55	83.55
	G233DIA	08/08/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	6 J	UG/L	300	300	83.55	83.55
	G233DJA	08/09/02	8330N	{ND on all 19} analytes			310	310	93.55	93.55
	G233DJA	08/09/02	E314.0	{ND on all 1} analytes			310	310	93.55	93.55
	G233DJA	08/09/02	OC21V	ACETONE	11 J	UG/L	310	310	93.55	93.55
	G233DJA	08/09/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	3 J	UG/L	310	310	93.55	93.55
	G233DKA	08/09/02	8330N	{ND on all 19} analytes			320	320	103.55	103.55
	G233DKA	08/09/02	E314.0	{ND on all 1} analytes			320	320	103.55	103.55
	G233DKA	08/09/02	OC21V	2-HEXANONE	2 J	UG/L	320	320	103.55	103.55
	G233DKA	08/09/02	OC21V	ACETONE	27 J	UG/L	320	320	103.55	103.55
	G233DKA	08/09/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	12	UG/L	320	320	103.55	103.55
	G233DLA	08/09/02	8330N	{ND on all 19} analytes			330	330	113.55	113.55
	G233DLA	08/09/02	E314.0	{ND on all 1} analytes			330	330	113.55	113.55
	G233DLA	08/09/02	OC21V	2-HEXANONE	2 J	UG/L	330	330	113.55	113.55
	G233DLA	08/09/02	OC21V	ACETONE	15 J	UG/L	330	330	113.55	113.55
	G233DLA	08/09/02	OC21V	CHLOROFORM	0.2 J	UG/L	330	330	113.55	113.55
	G233DLA	08/09/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	9	UG/L	330	330	113.55	113.55
	G233DMA	08/14/02	8330N	{ND on all 19} analytes			340	340	123.55	123.55
	G233DMA	08/14/02	E314.0	{ND on all 1} analytes			340	340	123.55	123.55
	G233DMA	08/14/02	OC21V	2-HEXANONE	2 J	UG/L	340	340	123.55	123.55
	G233DMA	08/14/02	OC21V	ACETONE	29 J	UG/L	340	340	123.55	123.55
	G233DMA	08/14/02	OC21V	CHLOROFORM	0.2 J	UG/L	340	340	123.55	123.55
	G233DMA	08/14/02	OC21V	CHLOROMETHANE	0.2 J	UG/L	340	340	123.55	123.55
	G233DMA	08/14/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	11	UG/L	340	340	123.55	123.55
	G233DNA	08/14/02	8330N	{ND on all 19} analytes			350	350	133.55	133.55
	G233DNA	08/14/02	E314.0	{ND on all 1} analytes			350	350	133.55	133.55
	G233DNA	08/14/02	OC21V	ACETONE	12 J	UG/L	350	350	133.55	133.55
	G233DNA	08/14/02	OC21V	CHLOROFORM	0.2 J	UG/L	350	350	133.55	133.55
	G233DNA	08/14/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	5	UG/L	350	350	133.55	133.55
	G233DOA	08/14/02	8330N	{ND on all 19} analytes			360	360	143.55	143.55
	G233DOA	08/14/02	E314.0	{ND on all 1} analytes			360	360	143.55	143.55
	G233DOA	08/14/02	OC21V	ACETONE	11 J	UG/L	360	360	143.55	143.55
	G233DOA	08/14/02	OC21V	CHLOROFORM	0.2 J	UG/L	360	360	143.55	143.55
	G233DOA	08/14/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4 J	UG/L	360	360	143.55	143.55
	G233DPA	08/14/02	8330N	{ND on all 19} analytes			370	370	153.55	153.55
	G233DPA	08/14/02	E314.0	{ND on all 1} analytes			370	370	153.55	153.55
	G233DPA	08/14/02	OC21V	ACETONE	9 J	UG/L	370	370	153.55	153.55
	G233DPA	08/14/02	OC21V	CHLOROFORM	0.2 J	UG/L	370	370	153.55	153.55
	G233DPA	08/14/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	5	UG/L	370	370	153.55	153.55
	G233DQA	08/14/02	8330N	{ND on all 19} analytes			380	380	163.55	163.55

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
	G233DQA	08/14/02	E314.0	{ND on all 1} analytes			380	380	163.55	163.55
	G233DQA	08/14/02	OC21V	2-HEXANONE	2 J	UG/L	380	380	163.55	163.55
	G233DQA	08/14/02	OC21V	ACETONE	44	UG/L	380	380	163.55	163.55
	G233DQA	08/14/02	OC21V	CHLOROMETHANE	0.3 J	UG/L	380	380	163.55	163.55
	G233DQA	08/14/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	13	UG/L	380	380	163.55	163.55
	G233DQA	08/14/02	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	1 J	UG/L	380	380	163.55	163.55
	G233DRA	08/16/02	8330N	{ND on all 19} analytes			390	390	173.55	173.55
	G233DRA	08/16/02	E314.0	{ND on all 1} analytes			390	390	173.55	173.55
	G233DRA	08/16/02	OC21V	ACETONE	13 J	UG/L	390	390	173.55	173.55
	G233DRA	08/16/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	5	UG/L	390	390	173.55	173.55
	G233DSA	08/20/02	8330N	{ND on all 19} analytes			400	400	183.55	183.55
	G233DSA	08/20/02	E314.0	{ND on all 1} analytes			400	400	183.55	183.55
	G233DSA	08/20/02	OC21V	ACETONE	8	UG/L	400	400	183.55	183.55
	G233DSA	08/20/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	3 J	UG/L	400	400	183.55	183.55
	G233DTA	08/21/02	8330N	{ND on all 19} analytes			410	410	193.55	193.55
	G233DTA	08/21/02	E314.0	{ND on all 1} analytes			410	410	193.55	193.55
	G233DTA	08/21/02	OC21V	2-HEXANONE	2 J	UG/L	410	410	193.55	193.55
	G233DTA	08/21/02	OC21V	ACETONE	94 J	UG/L	410	410	193.55	193.55
	G233DTA	08/21/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	16	UG/L	410	410	193.55	193.55
	G233DTA	08/21/02	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	2 J	UG/L	410	410	193.55	193.55
	G233DUA	08/21/02	8330N	{ND on all 19} analytes			415	415	198.55	198.55
	G233DUA	08/21/02	E314.0	{ND on all 1} analytes			415	415	198.55	198.55
	G233DUA	08/21/02	OC21V	2-HEXANONE	2 J	UG/L	415	415	198.55	198.55
	G233DUA	08/21/02	OC21V	ACETONE	31 J	UG/L	415	415	198.55	198.55
	G233DUA	08/21/02	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	9	UG/L	415	415	198.55	198.55
MW-257	G257DAA	01/23/03	8330N	{ND on all 19} analytes			150	150	5.3	5.3
	G257DAA	01/23/03	E314.0	{ND on all 1} analytes			150	150	5.3	5.3
	G257DAA	01/23/03	OC21V	ACETONE	12	UG/L	150	150	5.3	5.3
	G257DAA	01/23/03	OC21V	CHLOROFORM	1	UG/L	150	150	5.3	5.3
	G257DAA	01/23/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4 J	UG/L	150	150	5.3	5.3
	G257DAD	01/23/03	8330N	{ND on all 19} analytes			150	150	5.3	5.3
	G257DAD	01/23/03	E314.0	{ND on all 1} analytes			150	150	5.3	5.3
	G257DAD	01/23/03	OC21V	ACETONE	13	UG/L	150	150	5.3	5.3
	G257DAD	01/23/03	OC21V	CHLOROFORM	1	UG/L	150	150	5.3	5.3
	G257DAD	01/23/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4 J	UG/L	150	150	5.3	5.3
	G257DBA	01/24/03	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	2 J	UG/L	160	160	15.3	15.3
	G257DBA	01/24/03	E314.0	{ND on all 1} analytes			160	160	15.3	15.3
	G257DBA	01/24/03	OC21V	2-HEXANONE	3 J	UG/L	160	160	15.3	15.3
	G257DBA	01/24/03	OC21V	ACETONE	55 J	UG/L	160	160	15.3	15.3
	G257DBA	01/24/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	21 J	UG/L	160	160	15.3	15.3
	G257DBA	01/24/03	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	2 J	UG/L	160	160	15.3	15.3
	G257DCA	01/24/03	8330N	{ND on all 19} analytes			170	170	25.3	25.3
	G257DCA	01/24/03	E314.0	{ND on all 1} analytes			170	170	25.3	25.3
	G257DCA	01/24/03	OC21V	2-HEXANONE	5 J	UG/L	170	170	25.3	25.3
	G257DCA	01/24/03	OC21V	ACETONE	17 J	UG/L	170	170	25.3	25.3
	G257DCA	01/24/03	OC21V	CHLOROFORM	0.3 J	UG/L	170	170	25.3	25.3
	G257DCA	01/24/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	19 J	UG/L	170	170	25.3	25.3
	G257DCA	01/24/03	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	3 J	UG/L	170	170	25.3	25.3
	G257DDA	01/24/03	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	2.2 J	UG/L	180	180	35.3	35.3
	G257DDA	01/24/03	E314.0	{ND on all 1} analytes			180	180	35.3	35.3
	G257DDA	01/24/03	OC21V	2-HEXANONE	3 J	UG/L	180	180	35.3	35.3
	G257DDA	01/24/03	OC21V	ACETONE	12 J	UG/L	180	180	35.3	35.3
	G257DDA	01/24/03	OC21V	CHLOROFORM	0.4 J	UG/L	180	180	35.3	35.3
	G257DDA	01/24/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	21 J	UG/L	180	180	35.3	35.3
	G257DDA	01/24/03	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	1 J	UG/L	180	180	35.3	35.3
	G257DEA	01/24/03	8330N	{ND on all 19} analytes			190	190	45.3	45.3
	G257DEA	01/24/03	E314.0	{ND on all 1} analytes			190	190	45.3	45.3
	G257DEA	01/24/03	OC21V	2-HEXANONE	1 J	UG/L	190	190	45.3	45.3
	G257DEA	01/24/03	OC21V	ACETONE	4 J	UG/L	190	190	45.3	45.3
	G257DEA	01/24/03	OC21V	CHLOROFORM	0.6 J	UG/L	190	190	45.3	45.3

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
	G257DEA	01/24/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	12 J	UG/L	190	190	45.3	45.3
	G257DFA	01/24/03	8330N	{ND on all 19} analytes			200	200	55.3	55.3
	G257DFA	01/24/03	E314.0	{ND on all 1} analytes			200	200	55.3	55.3
	G257DFA	01/24/03	OC21V	2-HEXANONE	3 J	UG/L	200	200	55.3	55.3
	G257DFA	01/24/03	OC21V	ACETONE	11 J	UG/L	200	200	55.3	55.3
	G257DFA	01/24/03	OC21V	CHLOROFORM	0.4 J	UG/L	200	200	55.3	55.3
	G257DFA	01/24/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	19 J	UG/L	200	200	55.3	55.3
	G257DFA	01/24/03	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	1 J	UG/L	200	200	55.3	55.3
	G257DGA	01/24/03	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	0.47 J	UG/L	210	210	65.3	65.3
	G257DGA	01/24/03	E314.0	{ND on all 1} analytes			210	210	65.3	65.3
	G257DGA	01/24/03	OC21V	ACETONE	10 J	UG/L	210	210	65.3	65.3
	G257DGA	01/24/03	OC21V	CHLOROFORM	0.8 J	UG/L	210	210	65.3	65.3
	G257DGA	01/24/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	47 J	UG/L	210	210	65.3	65.3
	G257DHA	01/27/03	8330N	{ND on all 19} analytes			220	220	75.3	75.3
	G257DHA	01/27/03	E314.0	{ND on all 1} analytes			220	220	75.3	75.3
	G257DHA	01/27/03	OC21V	2-HEXANONE	8 J	UG/L	220	220	75.3	75.3
	G257DHA	01/27/03	OC21V	ACETONE	33 J	UG/L	220	220	75.3	75.3
	G257DHA	01/27/03	OC21V	CHLOROFORM	0.8 J	UG/L	220	220	75.3	75.3
	G257DHA	01/27/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	28 J	UG/L	220	220	75.3	75.3
	G257DHA	01/27/03	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	4 J	UG/L	220	220	75.3	75.3
	G257DIA	01/27/03	8330N	{ND on all 19} analytes			230	230	85.3	85.3
	G257DIA	01/27/03	E314.0	{ND on all 1} analytes			230	230	85.3	85.3
	G257DIA	01/27/03	OC21V	2-HEXANONE	2 J	UG/L	230	230	85.3	85.3
	G257DIA	01/27/03	OC21V	ACETONE	14 J	UG/L	230	230	85.3	85.3
	G257DIA	01/27/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	9 J	UG/L	230	230	85.3	85.3
	G257DIA	01/27/03	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	1 J	UG/L	230	230	85.3	85.3
	G257DJA	01/28/03	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	0.36 J	UG/L	240	240	95.3	95.3
	G257DJA	01/28/03	E314.0	{ND on all 1} analytes			240	240	95.3	95.3
	G257DJA	01/28/03	OC21V	2-HEXANONE	3 J	UG/L	240	240	95.3	95.3
	G257DJA	01/28/03	OC21V	ACETONE	18 J	UG/L	240	240	95.3	95.3
	G257DJA	01/28/03	OC21V	CHLOROFORM	0.6 J	UG/L	240	240	95.3	95.3
	G257DJA	01/28/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	14 J	UG/L	240	240	95.3	95.3
	G257DJA	01/28/03	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	1 J	UG/L	240	240	95.3	95.3
	G257DKA	01/28/03	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	0.31 J	UG/L	250	250	105.3	105.3
	G257DKA	01/28/03	E314.0	{ND on all 1} analytes			250	250	105.3	105.3
	G257DKA	01/28/03	OC21V	ACETONE	6 J	UG/L	250	250	105.3	105.3
	G257DKA	01/28/03	OC21V	CHLOROFORM	0.2 J	UG/L	250	250	105.3	105.3
	G257DKA	01/28/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	7 J	UG/L	250	250	105.3	105.3
	G257DLA	01/28/03	8330N	{ND on all 19} analytes			260	260	115.3	115.3
	G257DLA	01/28/03	E314.0	{ND on all 1} analytes			260	260	115.3	115.3
	G257DLA	01/28/03	OC21V	2-HEXANONE	2 J	UG/L	260	260	115.3	115.3
	G257DLA	01/28/03	OC21V	ACETONE	8 J	UG/L	260	260	115.3	115.3
	G257DLA	01/28/03	OC21V	CHLOROFORM	0.3 J	UG/L	260	260	115.3	115.3
	G257DLA	01/28/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	11 J	UG/L	260	260	115.3	115.3
	G257DLD	01/28/03	8330N	{ND on all 19} analytes			260	260	115.3	115.3
	G257DLD	01/28/03	E314.0	{ND on all 1} analytes			260	260	115.3	115.3
	G257DLD	01/28/03	OC21V	2-HEXANONE	3 J	UG/L	260	260	115.3	115.3
	G257DLD	01/28/03	OC21V	ACETONE	9 J	UG/L	260	260	115.3	115.3
	G257DLD	01/28/03	OC21V	CHLOROFORM	0.3 J	UG/L	260	260	115.3	115.3
	G257DLD	01/28/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	11 J	UG/L	260	260	115.3	115.3
	G257DMA	01/28/03	8330N	{ND on all 19} analytes			270	270	125.3	125.3
	G257DMA	01/28/03	E314.0	{ND on all 1} analytes			270	270	125.3	125.3
	G257DMA	01/28/03	OC21V	2-HEXANONE	1 J	UG/L	270	270	125.3	125.3
	G257DMA	01/28/03	OC21V	ACETONE	5 J	UG/L	270	270	125.3	125.3
	G257DMA	01/28/03	OC21V	CHLOROFORM	0.6 J	UG/L	270	270	125.3	125.3
	G257DMA	01/28/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	7 J	UG/L	270	270	125.3	125.3
	G257DNA	01/28/03	8330N	{ND on all 19} analytes			280	280	135.3	135.3
	G257DNA	01/28/03	E314.0	{ND on all 1} analytes			280	280	135.3	135.3
	G257DNA	01/28/03	OC21V	ACETONE	4 J	UG/L	280	280	135.3	135.3
	G257DNA	01/28/03	OC21V	CHLOROFORM	0.2 J	UG/L	280	280	135.3	135.3

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
	G257DNA	01/28/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	10 J	UG/L	280	280	135.3	135.3
	G257DOA	01/28/03	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	0.28 J	UG/L	290	290	145.3	145.3
	G257DOA	01/28/03	E314.0	{ND on all 1} analytes			290	290	145.3	145.3
	G257DOA	01/28/03	OC21V	ACETONE	4 J	UG/L	290	290	145.3	145.3
	G257DOA	01/28/03	OC21V	CHLOROFORM	0.3 J	UG/L	290	290	145.3	145.3
	G257DOA	01/28/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	11 J	UG/L	290	290	145.3	145.3
	G257DPA	01/28/03	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	0.43 J	UG/L	300	300	155.3	155.3
	G257DPA	01/28/03	E314.0	{ND on all 1} analytes			300	300	155.3	155.3
	G257DPA	01/28/03	OC21V	ACETONE	6 J	UG/L	300	300	155.3	155.3
	G257DPA	01/28/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	7 J	UG/L	300	300	155.3	155.3
	G257DQA	01/29/03	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	0.36 J	UG/L	310	310	165.3	165.3
	G257DQA	01/29/03	E314.0	{ND on all 1} analytes			310	310	165.3	165.3
	G257DQA	01/29/03	OC21V	ACETONE	5 J	UG/L	310	310	165.3	165.3
	G257DQA	01/29/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	3 J	UG/L	310	310	165.3	165.3
	G257DRA	01/29/03	8330N	{ND on all 19} analytes			320	320	175.3	175.3
	G257DRA	01/29/03	E314.0	{ND on all 1} analytes			320	320	175.3	175.3
	G257DRA	01/29/03	OC21V	2-HEXANONE	2 J	UG/L	320	320	175.3	175.3
	G257DRA	01/29/03	OC21V	ACETONE	13 J	UG/L	320	320	175.3	175.3
	G257DRA	01/29/03	OC21V	CARBON DISULFIDE	0.4 J	UG/L	320	320	175.3	175.3
	G257DRA	01/29/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	8 J	UG/L	320	320	175.3	175.3
MW-267	G267DAA	04/17/03	8330N	{ND on all 19} analytes			235	235	5	5
	G267DAA	04/17/03	E314.0	{ND on all 1} analytes			235	235	5	5
	G267DAA	04/17/03	OC21V	ACETONE	4 J	UG/L	235	235	5	5
	G267DAA	04/17/03	OC21V	CHLOROMETHANE	0.4 J	UG/L	235	235	5	5
	G267DBA	04/18/03	8330N	{ND on all 19} analytes			240	240	10	10
	G267DBA	04/18/03	E314.0	{ND on all 1} analytes			240	240	10	10
	G267DBA	04/18/03	OC21V	ACETONE	2 J	UG/L	240	240	10	10
	G267DBA	04/18/03	OC21V	CHLOROFORM	0.8 J	UG/L	240	240	10	10
	G267DCA	04/18/03	8330N	{ND on all 19} analytes			250	250	20	20
	G267DCA	04/18/03	E314.0	PERCHLORATE	2.39	UG/L	250	250	20	20
	G267DCA	04/18/03	OC21V	CHLOROFORM	0.5 J	UG/L	250	250	20	20
	G267DDA	04/21/03	8330N	{ND on all 19} analytes			260	260	30	30
	G267DDA	04/21/03	E314.0	PERCHLORATE	0.98 J	UG/L	260	260	30	30
	G267DDA	04/21/03	OC21V	ACETONE	11 J	UG/L	260	260	30	30
	G267DDA	04/21/03	OC21V	CHLOROFORM	0.4 J	UG/L	260	260	30	30
	G267DDA	04/21/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	260	260	30	30
	G267DEA	04/21/03	8330N	{ND on all 19} analytes			270	270	40	40
	G267DEA	04/21/03	E314.0	{ND on all 1} analytes			270	270	40	40
	G267DEA	04/21/03	OC21V	ACETONE	6 J	UG/L	270	270	40	40
	G267DEA	04/21/03	OC21V	CHLOROFORM	0.4 J	UG/L	270	270	40	40
	G267DEA	04/21/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	1 J	UG/L	270	270	40	40
	G267DFA	04/21/03	8330N	{ND on all 19} analytes			280	280	50	50
	G267DFA	04/21/03	E314.0	{ND on all 1} analytes			280	280	50	50
	G267DFA	04/21/03	OC21V	ACETONE	2 J	UG/L	280	280	50	50
	G267DFA	04/21/03	OC21V	CHLOROFORM	0.5 J	UG/L	280	280	50	50
	G267DGA	04/21/03	8330N	{ND on all 19} analytes			290	290	60	60
	G267DGA	04/21/03	E314.0	{ND on all 1} analytes			290	290	60	60
	G267DGA	04/21/03	OC21V	ACETONE	7 J	UG/L	290	290	60	60
	G267DHA	04/23/03	8330N	{ND on all 19} analytes			300	300	70	70
	G267DHA	04/23/03	E314.0	{ND on all 1} analytes			300	300	70	70
	G267DHA	04/23/03	OC21V	ACETONE	2 J	UG/L	300	300	70	70
	G267DIA	04/23/03	8330N	{ND on all 19} analytes			310	310	80	80
	G267DIA	04/23/03	E314.0	{ND on all 1} analytes			310	310	80	80
	G267DIA	04/23/03	OC21V	ACETONE	3 J	UG/L	310	310	80	80
	G267DJA	04/23/03	8330N	{ND on all 19} analytes			320	320	90	90
	G267DJA	04/23/03	E314.0	{ND on all 1} analytes			320	320	90	90
	G267DJA	04/23/03	OC21V	ACETONE	5	UG/L	320	320	90	90
	G267DJD	04/23/03	8330N	{ND on all 19} analytes			320	320	90	90
	G267DJD	04/23/03	E314.0	{ND on all 1} analytes			320	320	90	90
	G267DJD	04/23/03	OC21V	ACETONE	5	UG/L	320	320	90	90

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
	G267DKA	04/23/03	8330N	{ND on all 19} analytes			330	330	100	100
	G267DKA	04/23/03	E314.0	{ND on all 1} analytes			330	330	100	100
	G267DKA	04/23/03	OC21V	ACETONE	10	UG/L	330	330	100	100
	G267DKA	04/23/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	330	330	100	100
	G267DLA	04/23/03	8330N	{ND on all 19} analytes			340	340	110	110
	G267DLA	04/23/03	E314.0	{ND on all 1} analytes			340	340	110	110
	G267DLA	04/23/03	OC21V	ACETONE	3 J	UG/L	340	340	110	110
	G267DMA	04/23/03	8330N	{ND on all 19} analytes			350	350	120	120
	G267DMA	04/23/03	E314.0	{ND on all 1} analytes			350	350	120	120
	G267DMA	04/23/03	OC21V	ACETONE	3 J	UG/L	350	350	120	120
	G267DNA	04/23/03	8330N	{ND on all 19} analytes			360	360	130	130
	G267DNA	04/23/03	E314.0	{ND on all 1} analytes			360	360	130	130
	G267DNA	04/23/03	OC21V	ACETONE	5	UG/L	360	360	130	130
	G267DOA	04/23/03	8330N	{ND on all 19} analytes			370	370	140	140
	G267DOA	04/23/03	E314.0	{ND on all 1} analytes			370	370	140	140
	G267DOA	04/23/03	OC21V	ACETONE	7	UG/L	370	370	140	140
	G267DOA	04/23/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	1 J	UG/L	370	370	140	140
	G267DPA	04/24/03	8330N	{ND on all 19} analytes			380	380	150	150
	G267DPA	04/24/03	E314.0	{ND on all 1} analytes			380	380	150	150
	G267DPA	04/24/03	OC21V	{ND on all 44} analytes			380	380	150	150
	G267DQA	04/24/03	8330N	{ND on all 19} analytes			390	390	160	160
	G267DQA	04/24/03	E314.0	{ND on all 1} analytes			390	390	160	160
	G267DQA	04/24/03	OC21V	ACETONE	2 J	UG/L	390	390	160	160
	G267DRA	04/24/03	8330N	{ND on all 19} analytes			400	400	170	170
	G267DRA	04/24/03	E314.0	{ND on all 1} analytes			400	400	170	170
	G267DRA	04/24/03	OC21V	ACETONE	2 J	UG/L	400	400	170	170
	G267DSA	04/24/03	8330N	{ND on all 19} analytes			410	410	180	180
	G267DSA	04/24/03	E314.0	{ND on all 1} analytes			410	410	180	180
	G267DSA	04/24/03	OC21V	{ND on all 44} analytes			410	410	180	180
	G267DTA	04/24/03	8330N	{ND on all 19} analytes			417	417	187	187
	G267DTA	04/24/03	E314.0	{ND on all 1} analytes			417	417	187	187
	G267DTA	04/24/03	OC21V	ACETONE	5	UG/L	417	417	187	187
	G267DTD	04/24/03	8330N	{ND on all 19} analytes			417	417	187	187
	G267DTD	04/24/03	E314.0	{ND on all 1} analytes			417	417	187	187
	G267DTD	04/24/03	OC21V	ACETONE	5	UG/L	417	417	187	187
MW-268	G268DAA	04/18/03	8330N	{ND on all 19} analytes			60	60	8.35	8.35
	G268DAA	04/18/03	E314.0	{ND on all 1} analytes			60	60	8.35	8.35
	G268DAA	04/18/03	OC21V	ACETONE	34	UG/L	60	60	8.35	8.35
	G268DAA	04/18/03	OC21V	CHLOROFORM	1	UG/L	60	60	8.35	8.35
	G268DAA	04/18/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	1 J	UG/L	60	60	8.35	8.35
	G268DBA	04/21/03	8330N	{ND on all 19} analytes			70	70	18.35	18.35
	G268DBA	04/21/03	E314.0	{ND on all 1} analytes			70	70	18.35	18.35
	G268DBA	04/21/03	OC21V	ACETONE	22 J	UG/L	70	70	18.35	18.35
	G268DBA	04/21/03	OC21V	BENZENE	0.5 J	UG/L	70	70	18.35	18.35
	G268DBA	04/21/03	OC21V	CHLOROFORM	1	UG/L	70	70	18.35	18.35
	G268DCA	04/21/03	8330N	{ND on all 19} analytes			80	80	28.35	28.35
	G268DCA	04/21/03	E314.0	{ND on all 1} analytes			80	80	28.35	28.35
	G268DCA	04/21/03	OC21V	ACETONE	20 J	UG/L	80	80	28.35	28.35
	G268DCA	04/21/03	OC21V	CHLOROFORM	0.7 J	UG/L	80	80	28.35	28.35
	G268DCA	04/21/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	1 J	UG/L	80	80	28.35	28.35
	G268DDA	04/22/03	8330N	{ND on all 19} analytes			90	90	38.35	38.35
	G268DDA	04/22/03	E314.0	{ND on all 1} analytes			90	90	38.35	38.35
	G268DDA	04/22/03	OC21V	ACETONE	51 J	UG/L	90	90	38.35	38.35
	G268DDA	04/22/03	OC21V	CHLOROFORM	1	UG/L	90	90	38.35	38.35
	G268DDA	04/22/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	90	90	38.35	38.35
	G268DEA	04/22/03	8330N	{ND on all 19} analytes			100	100	48.35	48.35
	G268DEA	04/22/03	E314.0	{ND on all 1} analytes			100	100	48.35	48.35
	G268DEA	04/22/03	OC21V	ACETONE	14 J	UG/L	100	100	48.35	48.35
	G268DEA	04/22/03	OC21V	CHLOROFORM	1	UG/L	100	100	48.35	48.35
	G268DFA	04/22/03	8330N	{ND on all 19} analytes			110	110	58.35	58.35

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
	G268DFA	04/22/03	E314.0	{ND on all 1} analytes			110	110	58.35	58.35
	G268DFA	04/22/03	OC21V	ACETONE	18 J	UG/L	110	110	58.35	58.35
	G268DFA	04/22/03	OC21V	CHLOROFORM	0.7 J	UG/L	110	110	58.35	58.35
	G268DGA	04/22/03	8330N	{ND on all 19} analytes			120	120	68.35	68.35
	G268DGA	04/22/03	E314.0	{ND on all 1} analytes			120	120	68.35	68.35
	G268DGA	04/22/03	OC21V	ACETONE	31 J	UG/L	120	120	68.35	68.35
	G268DGA	04/22/03	OC21V	BENZENE	0.4 J	UG/L	120	120	68.35	68.35
	G268DGA	04/22/03	OC21V	CHLOROFORM	0.4 J	UG/L	120	120	68.35	68.35
	G268DGA	04/22/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4 J	UG/L	120	120	68.35	68.35
	G268DGA	04/22/03	OC21V	TOLUENE	0.6 J	UG/L	120	120	68.35	68.35
	G268DHA	04/22/03	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	0.41 J	UG/L	130	130	78.35	78.35
	G268DHA	04/22/03	E314.0	{ND on all 1} analytes			130	130	78.35	78.35
	G268DHA	04/22/03	OC21V	ACETONE	10	UG/L	130	130	78.35	78.35
	G268DHA	04/22/03	OC21V	CHLOROFORM	0.5 J	UG/L	130	130	78.35	78.35
	G268DHA	04/22/03	OC21V	CHLOROMETHANE	0.5 J	UG/L	130	130	78.35	78.35
	G268DHA	04/22/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	130	130	78.35	78.35
	G268DIA	04/23/03	8330N	{ND on all 19} analytes			140	140	88.35	88.35
	G268DIA	04/23/03	E314.0	{ND on all 1} analytes			140	140	88.35	88.35
	G268DIA	04/23/03	OC21V	ACETONE	20	UG/L	140	140	88.35	88.35
	G268DIA	04/23/03	OC21V	CHLOROFORM	0.4 J	UG/L	140	140	88.35	88.35
	G268DIA	04/23/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	140	140	88.35	88.35
	G268DJA	04/23/03	8330N	{ND on all 19} analytes			150	150	98.35	98.35
	G268DJA	04/23/03	E314.0	{ND on all 1} analytes			150	150	98.35	98.35
	G268DJA	04/23/03	OC21V	ACETONE	14	UG/L	150	150	98.35	98.35
	G268DJA	04/23/03	OC21V	CHLOROMETHANE	0.3 J	UG/L	150	150	98.35	98.35
	G268DJA	04/23/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	150	150	98.35	98.35
	G268DJD	04/23/03	8330N	{ND on all 19} analytes			150	150	98.35	98.35
	G268DJD	04/23/03	E314.0	{ND on all 1} analytes			150	150	98.35	98.35
	G268DJD	04/23/03	OC21V	ACETONE	14	UG/L	150	150	98.35	98.35
	G268DJD	04/23/03	OC21V	CHLOROMETHANE	0.4 J	UG/L	150	150	98.35	98.35
	G268DJD	04/23/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	150	150	98.35	98.35
	G268DKA	04/23/03	8330N	{ND on all 19} analytes			160	160	108.35	108.35
	G268DKA	04/23/03	E314.0	{ND on all 1} analytes			160	160	108.35	108.35
	G268DKA	04/23/03	OC21V	ACETONE	8	UG/L	160	160	108.35	108.35
	G268DKA	04/23/03	OC21V	CHLOROFORM	0.3 J	UG/L	160	160	108.35	108.35
	G268DKA	04/23/03	OC21V	CHLOROMETHANE	0.3 J	UG/L	160	160	108.35	108.35
	G268DLA	04/23/03	8330N	{ND on all 19} analytes			170	170	118.35	118.35
	G268DLA	04/23/03	E314.0	{ND on all 1} analytes			170	170	118.35	118.35
	G268DLA	04/23/03	OC21V	ACETONE	8	UG/L	170	170	118.35	118.35
	G268DLA	04/23/03	OC21V	CHLOROFORM	0.4 J	UG/L	170	170	118.35	118.35
	G268DMA	04/23/03	8330N	{ND on all 19} analytes			180	180	128.35	128.35
	G268DMA	04/23/03	E314.0	{ND on all 1} analytes			180	180	128.35	128.35
	G268DMA	04/23/03	OC21V	ACETONE	13	UG/L	180	180	128.35	128.35
	G268DMA	04/23/03	OC21V	CHLOROFORM	0.4 J	UG/L	180	180	128.35	128.35
	G268DNA	04/23/03	8330N	{ND on all 19} analytes			190	190	138.35	138.35
	G268DNA	04/23/03	E314.0	{ND on all 1} analytes			190	190	138.35	138.35
	G268DNA	04/23/03	OC21V	ACETONE	6	UG/L	190	190	138.35	138.35
	G268DNA	04/23/03	OC21V	CHLOROFORM	0.2 J	UG/L	190	190	138.35	138.35
	G268DOA	04/23/03	8330N	{ND on all 19} analytes			200	200	148.35	148.35
	G268DOA	04/23/03	E314.0	{ND on all 1} analytes			200	200	148.35	148.35
	G268DOA	04/23/03	OC21V	ACETONE	11	UG/L	200	200	148.35	148.35
	G268DOA	04/23/03	OC21V	CHLOROFORM	0.2 J	UG/L	200	200	148.35	148.35
	G268DOA	04/23/03	OC21V	CHLOROMETHANE	0.4 J	UG/L	200	200	148.35	148.35
	G268DOA	04/23/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	1 J	UG/L	200	200	148.35	148.35
	G268DPA	04/24/03	8330N	{ND on all 19} analytes			207	207	155.35	155.35
	G268DPA	04/24/03	E314.0	{ND on all 1} analytes			207	207	155.35	155.35
	G268DPA	04/24/03	OC21V	ACETONE	7	UG/L	207	207	155.35	155.35
	G268DPA	04/24/03	OC21V	CHLOROFORM	0.3 J	UG/L	207	207	155.35	155.35
	G268DPA	04/24/03	OC21V	CHLOROMETHANE	0.3 J	UG/L	207	207	155.35	155.35
MW-269	G269DAA	05/08/03	8330N	{ND on all 19} analytes			185	185	7.3	7.3

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
	G269DAA	05/08/03	E314.0	{ND on all 1} analytes			185	185	7.3	7.3
	G269DAA	05/08/03	OC21V	ACETONE	42	UG/L	185	185	7.3	7.3
	G269DAA	05/08/03	OC21V	CARBON DISULFIDE	0.3 J	UG/L	185	185	7.3	7.3
	G269DAA	05/08/03	OC21V	CHLOROFORM	0.8 J	UG/L	185	185	7.3	7.3
	G269DAA	05/08/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	8	UG/L	185	185	7.3	7.3
	G269DBA	05/09/03	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	0.99 J	UG/L	195	195	17.3	17.3
	G269DBA	05/09/03	E314.0	{ND on all 1} analytes			195	195	17.3	17.3
	G269DBA	05/09/03	OC21V	ACETONE	95	UG/L	195	195	17.3	17.3
	G269DBA	05/09/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	8	UG/L	195	195	17.3	17.3
	G269DCA	05/07/03	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	1.9 J	UG/L	205	205	27.3	27.3
	G269DCA	05/07/03	E314.0	{ND on all 1} analytes			205	205	27.3	27.3
	G269DCA	05/07/03	OC21V	1,2-DIBROMO-3-CHLOROPROPANE	0.6 J	UG/L	205	205	27.3	27.3
	G269DCA	05/07/03	OC21V	ACETONE	48	UG/L	205	205	27.3	27.3
	G269DCA	05/07/03	OC21V	ETHYLBENZENE	0.2 J	UG/L	205	205	27.3	27.3
	G269DCA	05/07/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	6 J	UG/L	205	205	27.3	27.3
	G269DCA	05/07/03	OC21V	XYLENES, TOTAL	1	UG/L	205	205	27.3	27.3
	G269DDA	05/07/03	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	0.93 J	UG/L	210	210	32.3	32.3
	G269DDA	05/07/03	E314.0	{ND on all 1} analytes			210	210	32.3	32.3
	G269DDA	05/07/03	OC21V	ACETONE	36	UG/L	210	210	32.3	32.3
	G269DDA	05/07/03	OC21V	CHLOROFORM	0.3 J	UG/L	210	210	32.3	32.3
	G269DDA	05/07/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	5 J	UG/L	210	210	32.3	32.3
	G269DDA	05/07/03	OC21V	XYLENES, TOTAL	0.6 J	UG/L	210	210	32.3	32.3
	G269DEA	05/09/03	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	1 J	UG/L	220	220	42.3	42.3
	G269DEA	05/09/03	E314.0	{ND on all 1} analytes			220	220	42.3	42.3
	G269DEA	05/09/03	OC21V	ACETONE	36	UG/L	220	220	42.3	42.3
	G269DEA	05/09/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	3 J	UG/L	220	220	42.3	42.3
	G269DFA	05/09/03	8330N	{ND on all 19} analytes			230	230	52.3	52.3
	G269DFA	05/09/03	E314.0	{ND on all 1} analytes			230	230	52.3	52.3
	G269DFA	05/09/03	OC21V	ACETONE	9 J	UG/L	230	230	52.3	52.3
	G269DFA	05/09/03	OC21V	CHLOROFORM	0.3 J	UG/L	230	230	52.3	52.3
	G269DGA	05/09/03	8330N	{ND on all 19} analytes			240	240	62.3	62.3
	G269DGA	05/09/03	E314.0	{ND on all 1} analytes			240	240	62.3	62.3
	G269DGA	05/09/03	OC21V	ACETONE	9 J	UG/L	240	240	62.3	62.3
	G269DGA	05/09/03	OC21V	CHLOROFORM	2	UG/L	240	240	62.3	62.3
	G269DHA	05/09/03	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	2.7 J	UG/L	250	250	72.3	72.3
	G269DHA	05/09/03	E314.0	{ND on all 1} analytes			250	250	72.3	72.3
	G269DHA	05/09/03	OC21V	ACETONE	11 J	UG/L	250	250	72.3	72.3
	G269DHA	05/09/03	OC21V	CHLOROFORM	0.8 J	UG/L	250	250	72.3	72.3
	G269DIA	05/09/03	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	1.2 J	UG/L	260	260	82.3	82.3
	G269DIA	05/09/03	E314.0	{ND on all 1} analytes			260	260	82.3	82.3
	G269DIA	05/09/03	OC21V	ACETONE	12 J	UG/L	260	260	82.3	82.3
	G269DIA	05/09/03	OC21V	CHLOROFORM	0.9 J	UG/L	260	260	82.3	82.3
	G269DJA	05/12/03	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	0.26 J	UG/L	270	270	92.3	92.3
	G269DJA	05/12/03	E314.0	{ND on all 1} analytes			270	270	92.3	92.3
	G269DJA	05/12/03	OC21V	ACETONE	24 J	UG/L	270	270	92.3	92.3
	G269DJA	05/12/03	OC21V	CHLOROFORM	2	UG/L	270	270	92.3	92.3
	G269DJA	05/12/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	270	270	92.3	92.3
	G269DJD	05/12/03	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	0.26 J	UG/L	270	270	92.3	92.3
	G269DJD	05/12/03	E314.0	{ND on all 1} analytes			270	270	92.3	92.3
	G269DJD	05/12/03	OC21V	ACETONE	24 J	UG/L	270	270	92.3	92.3
	G269DJD	05/12/03	OC21V	CHLOROFORM	2	UG/L	270	270	92.3	92.3
	G269DJD	05/12/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	270	270	92.3	92.3
	G269DKA	05/12/03	8330N	{ND on all 19} analytes			280	280	102.3	102.3
	G269DKA	05/12/03	E314.0	{ND on all 1} analytes			280	280	102.3	102.3
	G269DKA	05/12/03	OC21V	ACETONE	4 J	UG/L	280	280	102.3	102.3
	G269DKA	05/12/03	OC21V	CHLOROFORM	3	UG/L	280	280	102.3	102.3
	G269DLA	05/12/03	8330N	{ND on all 19} analytes			290	290	112.3	112.3
	G269DLA	05/12/03	E314.0	{ND on all 1} analytes			290	290	112.3	112.3
	G269DLA	05/12/03	OC21V	ACETONE	10 J	UG/L	290	290	112.3	112.3
	G269DLA	05/12/03	OC21V	CHLOROFORM	0.9 J	UG/L	290	290	112.3	112.3

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
	G269DMA	05/12/03	8330N	{ND on all 19} analytes			300	300	122.3	122.3
	G269DMA	05/12/03	E314.0	{ND on all 1} analytes			300	300	122.3	122.3
	G269DMA	05/12/03	OC21V	ACETONE	5 J	UG/L	300	300	122.3	122.3
	G269DNA	05/12/03	8330N	{ND on all 19} analytes			310	310	132.3	132.3
	G269DNA	05/12/03	E314.0	{ND on all 1} analytes			310	310	132.3	132.3
	G269DNA	05/12/03	OC21V	ACETONE	2 J	UG/L	310	310	132.3	132.3
	G269DOA	05/12/03	8330N	{ND on all 19} analytes			320	320	142.3	142.3
	G269DOA	05/12/03	E314.0	{ND on all 1} analytes			320	320	142.3	142.3
	G269DOA	05/12/03	OC21V	ACETONE	9	UG/L	320	320	142.3	142.3
	G269DOA	05/12/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	320	320	142.3	142.3
	G269DPA	05/12/03	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	21 J	UG/L	330	330	152.3	152.3
	G269DPA	05/12/03	E314.0	{ND on all 1} analytes			330	330	152.3	152.3
	G269DPA	05/12/03	OC21V	ACETONE	16	UG/L	330	330	152.3	152.3
	G269DPA	05/12/03	OC21V	CHLOROFORM	0.2 J	UG/L	330	330	152.3	152.3
	G269DPA	05/12/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	330	330	152.3	152.3
	G269DQA	05/13/03	8330N	{ND on all 19} analytes			340	340	162.3	162.3
	G269DQA	05/13/03	E314.0	{ND on all 1} analytes			340	340	162.3	162.3
	G269DQA	05/13/03	OC21V	ACETONE	3 J	UG/L	340	340	162.3	162.3
	G269DQA	05/13/03	OC21V	CHLOROFORM	0.2 J	UG/L	340	340	162.3	162.3
	G269DRA	05/13/03	8330N	{ND on all 19} analytes			350	350	172.3	172.3
	G269DRA	05/13/03	E314.0	{ND on all 1} analytes			350	350	172.3	172.3
	G269DRA	05/13/03	OC21V	ACETONE	8	UG/L	350	350	172.3	172.3
	G269DSA	05/13/03	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	84 J	UG/L	360	360	182.3	182.3
	G269DSA	05/13/03	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	6.1 J	UG/L	360	360	182.3	182.3
	G269DSA	05/13/03	E314.0	{ND on all 1} analytes			360	360	182.3	182.3
	G269DSA	05/13/03	OC21V	ACETONE	25	UG/L	360	360	182.3	182.3
	G269DSA	05/13/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	360	360	182.3	182.3
MW-276	G276DAA	05/30/03	8321	1,3,5-TRINITROBENZENE	93 J	UG/L	190	190	6.65	6.65
	G276DAA	05/30/03	8321	TETRYL	3.8 J	UG/L	190	190	6.65	6.65
	G276DAA	05/30/03	OC21V	ACETONE	59 J	UG/L	190	190	6.65	6.65
	G276DAA	05/30/03	OC21V	CHLOROFORM	0.3 J	UG/L	190	190	6.65	6.65
	G276DAA	05/30/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	3 J	UG/L	190	190	6.65	6.65
	G276DBA	05/30/03	8330N	{ND on all 19} analytes			200	200	16.65	16.65
	G276DBA	05/30/03	OC21V	ACETONE	23 J	UG/L	200	200	16.65	16.65
	G276DBA	05/30/03	OC21V	BROMOMETHANE	0.6 J	UG/L	200	200	16.65	16.65
	G276DBA	05/30/03	OC21V	CHLOROFORM	0.4 J	UG/L	200	200	16.65	16.65
	G276DBA	05/30/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	3 J	UG/L	200	200	16.65	16.65
	G276DCA	05/30/03	8330N	{ND on all 19} analytes			210	210	26.65	26.65
	G276DCA	05/30/03	OC21V	ACETONE	18 J	UG/L	210	210	26.65	26.65
	G276DCA	05/30/03	OC21V	BROMOMETHANE	0.3 J	UG/L	210	210	26.65	26.65
	G276DCA	05/30/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4 J	UG/L	210	210	26.65	26.65
	G276DDA	05/30/03	8330N	2-AMINO-4,6-DINITROTOLUENE	1.5 J	UG/L	220	220	36.65	36.65
	G276DDA	05/30/03	OC21V	ACETONE	16 J	UG/L	220	220	36.65	36.65
	G276DDA	05/30/03	OC21V	CARBON DISULFIDE	0.4 J	UG/L	220	220	36.65	36.65
	G276DDA	05/30/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	220	220	36.65	36.65
	G276DEA	06/02/03	8330N	{ND on all 19} analytes			230	230	46.65	46.65
	G276DEA	06/02/03	OC21V	2-HEXANONE	2 J	UG/L	230	230	46.65	46.65
	G276DEA	06/02/03	OC21V	ACETONE	470	UG/L	230	230	46.65	46.65
	G276DEA	06/02/03	OC21V	CHLOROFORM	0.4 J	UG/L	230	230	46.65	46.65
	G276DEA	06/02/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	21	UG/L	230	230	46.65	46.65
	G276DEA	06/02/03	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	2 J	UG/L	230	230	46.65	46.65
	G276DEA	06/02/03	OC21V	TOLUENE	1	UG/L	230	230	46.65	46.65
	G276DFA	06/02/03	8330N	{ND on all 19} analytes			240	240	56.65	56.65
	G276DFA	06/02/03	OC21V	ACETONE	39 J	UG/L	240	240	56.65	56.65
	G276DFA	06/02/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4 J	UG/L	240	240	56.65	56.65
	G276DGA	06/02/03	8330N	{ND on all 19} analytes			250	250	66.65	66.65
	G276DGA	06/02/03	OC21V	ACETONE	18 J	UG/L	250	250	66.65	66.65
	G276DGA	06/02/03	OC21V	CHLOROFORM	0.4 J	UG/L	250	250	66.65	66.65
	G276DGA	06/02/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	250	250	66.65	66.65
	G276DHA	06/02/03	8330N	{ND on all 19} analytes			260	260	76.65	76.65

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
	G276DHA	06/02/03	OC21V	ACETONE	11 J	UG/L	260	260	76.65	76.65
	G276DHA	06/02/03	OC21V	CHLOROFORM	0.4 J	UG/L	260	260	76.65	76.65
	G276DHA	06/02/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	260	260	76.65	76.65
	G276DJA	06/03/03	8330N	{ND on all 19} analytes			280	280	96.65	96.65
	G276DJA	06/03/03	OC21V	ACETONE	130 J	UG/L	280	280	96.65	96.65
	G276DJA	06/03/03	OC21V	BENZENE	0.5 J	UG/L	280	280	96.65	96.65
	G276DJA	06/03/03	OC21V	CARBON DISULFIDE	0.4 J	UG/L	280	280	96.65	96.65
	G276DJA	06/03/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	14	UG/L	280	280	96.65	96.65
	G276DJA	06/03/03	OC21V	TOLUENE	0.3 J	UG/L	280	280	96.65	96.65
	G276DKA	06/03/03	8330N	{ND on all 19} analytes			290	290	106.65	106.65
	G276DKA	06/03/03	OC21V	ACETONE	27 J	UG/L	290	290	106.65	106.65
	G276DKA	06/03/03	OC21V	CARBON DISULFIDE	0.2 J	UG/L	290	290	106.65	106.65
	G276DKA	06/03/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	5	UG/L	290	290	106.65	106.65
	G276DLA	06/04/03	8330N	{ND on all 19} analytes			300	300	116.65	116.65
	G276DLA	06/04/03	OC21V	CHLOROFORM	0.2 J	UG/L	300	300	116.65	116.65
	G276DMA	06/04/03	8330N	{ND on all 19} analytes			310	310	126.65	126.65
	G276DMA	06/04/03	OC21V	ACETONE	39	UG/L	310	310	126.65	126.65
	G276DMA	06/04/03	OC21V	CHLOROFORM	0.3 J	UG/L	310	310	126.65	126.65
	G276DMA	06/04/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	3 J	UG/L	310	310	126.65	126.65
	G276DNA	06/05/03	8330N	{ND on all 19} analytes			320	320	136.65	136.65
	G276DNA	06/05/03	OC21V	ACETONE	34	UG/L	320	320	136.65	136.65
	G276DNA	06/05/03	OC21V	CHLOROFORM	0.3 J	UG/L	320	320	136.65	136.65
	G276DNA	06/05/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	3 J	UG/L	320	320	136.65	136.65
	G276DOA	06/05/03	8330N	{ND on all 19} analytes			330	330	146.65	146.65
	G276DOA	06/05/03	OC21V	ACETONE	73	UG/L	330	330	146.65	146.65
	G276DOA	06/05/03	OC21V	BENZENE	0.3 J	UG/L	330	330	146.65	146.65
	G276DOA	06/05/03	OC21V	CHLOROFORM	0.2 J	UG/L	330	330	146.65	146.65
	G276DOA	06/05/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	6	UG/L	330	330	146.65	146.65
	G276DOA	06/05/03	OC21V	TOLUENE	0.2 J	UG/L	330	330	146.65	146.65
	G276DPA	06/05/03	8330N	{ND on all 19} analytes			340	340	156.65	156.65
	G276DPA	06/05/03	OC21V	CHLOROMETHANE	0.6 J	UG/L	340	340	156.65	156.65
	G276DPA	06/05/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	340	340	156.65	156.65
	G276DQA	06/05/03	8330N	{ND on all 19} analytes			350	350	166.65	166.65
	G276DQA	06/05/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	350	350	166.65	166.65
	G276DRA	06/06/03	8330N	{ND on all 19} analytes			360	360	176.65	176.65
	G276DRA	06/06/03	OC21V	ACETONE	76	UG/L	360	360	176.65	176.65
	G276DRA	06/06/03	OC21V	CARBON DISULFIDE	0.3 J	UG/L	360	360	176.65	176.65
	G276DRA	06/06/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	9	UG/L	360	360	176.65	176.65
	G276DRA	06/06/03	OC21V	TOLUENE	0.2 J	UG/L	360	360	176.65	176.65
	G276DSA	06/09/03	8330N	{ND on all 19} analytes			370	370	186.65	186.65
	G276DSA	06/09/03	OC21V	ACETONE	17 J	UG/L	370	370	186.65	186.65
	G276DSA	06/09/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	370	370	186.65	186.65
MW-280	G280DAA	07/15/03	8330N	2,4-DIAMINO-6-NITROTOLUENE	0.32 J	UG/L	170	170	8	8
	G280DAA	07/15/03	E314.0	{ND on all 1} analytes			170	170	8	8
	G280DAA	07/15/03	OC21V	2-HEXANONE	5	UG/L	170	170	8	8
	G280DAA	07/15/03	OC21V	ACETONE	44	UG/L	170	170	8	8
	G280DAA	07/15/03	OC21V	CHLOROFORM	0.7 J	UG/L	170	170	8	8
	G280DAA	07/15/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	30	UG/L	170	170	8	8
	G280DAA	07/15/03	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	2 J	UG/L	170	170	8	8
	G280DBA	07/15/03	8330N	{ND on all 19} analytes			180	180	18	18
	G280DBA	07/15/03	E314.0	{ND on all 1} analytes			180	180	18	18
	G280DBA	07/15/03	OC21V	2-HEXANONE	5	UG/L	180	180	18	18
	G280DBA	07/15/03	OC21V	ACETONE	30	UG/L	180	180	18	18
	G280DBA	07/15/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	23	UG/L	180	180	18	18
	G280DBA	07/15/03	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	2 J	UG/L	180	180	18	18
	G280DCA	07/17/03	8330N	{ND on all 19} analytes			190	190	28	28
	G280DCA	07/17/03	E314.0	PERCHLORATE	0.99 J	UG/L	190	190	28	28
	G280DCA	07/17/03	OC21V	2-HEXANONE	4 J	UG/L	190	190	28	28
	G280DCA	07/17/03	OC21V	ACETONE	140	UG/L	190	190	28	28
	G280DCA	07/17/03	OC21V	BENZENE	0.4 J	UG/L	190	190	28	28

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
	G280DCA	07/17/03	OC21V	CHLOROETHANE	0.5 J	UG/L	190	190	28	28
	G280DCA	07/17/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	45	UG/L	190	190	28	28
	G280DCA	07/17/03	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	3 J	UG/L	190	190	28	28
	G280DCA	07/17/03	OC21V	TOLUENE	0.5 J	UG/L	190	190	28	28
	G280DDA	07/17/03	8330N	{ND on all 19} analytes			200	200	38	38
	G280DDA	07/17/03	E314.0	{ND on all 1} analytes			200	200	38	38
	G280DDA	07/17/03	OC21V	2-HEXANONE	6	UG/L	200	200	38	38
	G280DDA	07/17/03	OC21V	ACETONE	30	UG/L	200	200	38	38
	G280DDA	07/17/03	OC21V	CHLOROETHANE	0.8 J	UG/L	200	200	38	38
	G280DDA	07/17/03	OC21V	CHLOROFORM	0.8 J	UG/L	200	200	38	38
	G280DDA	07/17/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	26	UG/L	200	200	38	38
	G280DDA	07/17/03	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	2 J	UG/L	200	200	38	38
	G280DFA	07/21/03	8330N	{ND on all 19} analytes			220	220	58	58
	G280DFA	07/21/03	E314.0	{ND on all 1} analytes			220	220	58	58
	G280DFA	07/21/03	OC21V	2-HEXANONE	2 J	UG/L	220	220	58	58
	G280DFA	07/21/03	OC21V	ACETONE	34	UG/L	220	220	58	58
	G280DFA	07/21/03	OC21V	CHLOROFORM	0.2 J	UG/L	220	220	58	58
	G280DFA	07/21/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	14	UG/L	220	220	58	58
	G280DFA	07/21/03	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	1 J	UG/L	220	220	58	58
	G280DGA	07/21/03	8330N	{ND on all 19} analytes			230	230	68	68
	G280DGA	07/21/03	E314.0	{ND on all 1} analytes			230	230	68	68
	G280DGA	07/21/03	OC21V	2-HEXANONE	2 J	UG/L	230	230	68	68
	G280DGA	07/21/03	OC21V	ACETONE	18 J	UG/L	230	230	68	68
	G280DGA	07/21/03	OC21V	BENZENE	0.4 J	UG/L	230	230	68	68
	G280DGA	07/21/03	OC21V	CHLOROFORM	0.7 J	UG/L	230	230	68	68
	G280DGA	07/21/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	10	UG/L	230	230	68	68
	G280DHA	07/22/03	8330N	{ND on all 19} analytes			240	240	78	78
	G280DHA	07/22/03	E314.0	{ND on all 1} analytes			240	240	78	78
	G280DHA	07/22/03	OC21V	2-HEXANONE	3 J	UG/L	240	240	78	78
	G280DHA	07/22/03	OC21V	ACETONE	27	UG/L	240	240	78	78
	G280DHA	07/22/03	OC21V	CHLOROFORM	0.3 J	UG/L	240	240	78	78
	G280DHA	07/22/03	OC21V	CHLOROMETHANE	0.3 J	UG/L	240	240	78	78
	G280DHA	07/22/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	15	UG/L	240	240	78	78
	G280DHA	07/22/03	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	1 J	UG/L	240	240	78	78
	G280DIA	07/22/03	8330N	{ND on all 19} analytes			250	250	88	88
	G280DIA	07/22/03	E314.0	{ND on all 1} analytes			250	250	88	88
	G280DIA	07/22/03	OC21V	ACETONE	20 J	UG/L	250	250	88	88
	G280DIA	07/22/03	OC21V	BENZENE	0.4 J	UG/L	250	250	88	88
	G280DIA	07/22/03	OC21V	CHLOROFORM	0.2 J	UG/L	250	250	88	88
	G280DIA	07/22/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4 J	UG/L	250	250	88	88
	G280DIA	07/22/03	OC21V	TOLUENE	0.3 J	UG/L	250	250	88	88
	G280DJA	07/22/03	8330N	{ND on all 19} analytes			260	260	98	98
	G280DJA	07/22/03	E314.0	{ND on all 1} analytes			260	260	98	98
	G280DJA	07/22/03	OC21V	ACETONE	3 J	UG/L	260	260	98	98
	G280DJA	07/22/03	OC21V	CHLOROFORM	0.6 J	UG/L	260	260	98	98
	G280DJA	07/22/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	260	260	98	98
	G280DJD	07/22/03	8330N	{ND on all 19} analytes			260	260	98	98
	G280DJD	07/22/03	E314.0	{ND on all 1} analytes			260	260	98	98
	G280DJD	07/22/03	OC21V	ACETONE	3 J	UG/L	260	260	98	98
	G280DJD	07/22/03	OC21V	CHLOROFORM	0.6 J	UG/L	260	260	98	98
	G280DJD	07/22/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	260	260	98	98
	G280DKA	07/22/03	8330N	{ND on all 19} analytes			270	270	108	108
	G280DKA	07/22/03	E314.0	{ND on all 1} analytes			270	270	108	108
	G280DKA	07/22/03	OC21V	ACETONE	6 J	UG/L	270	270	108	108
	G280DKA	07/22/03	OC21V	CHLOROFORM	0.7 J	UG/L	270	270	108	108
	G280DKA	07/22/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	270	270	108	108
	G280DLA	07/22/03	8330N	{ND on all 19} analytes			280	280	118	118
	G280DLA	07/22/03	E314.0	{ND on all 1} analytes			280	280	118	118
	G280DLA	07/22/03	OC21V	ACETONE	20 J	UG/L	280	280	118	118
	G280DLA	07/22/03	OC21V	CHLOROMETHANE	0.9 J	UG/L	280	280	118	118

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
	G280DLA	07/22/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	6	UG/L	280	280	118	118
	G280DMA	07/23/03	8330N	{ND on all 19} analytes			290	290	128	128
	G280DMA	07/23/03	E314.0	{ND on all 1} analytes			290	290	128	128
	G280DMA	07/23/03	OC21V	ACETONE	11 J	UG/L	290	290	128	128
	G280DMA	07/23/03	OC21V	CHLOROFORM	0.3 J	UG/L	290	290	128	128
	G280DMA	07/23/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	3 J	UG/L	290	290	128	128
	G280DNA	07/23/03	8330N	{ND on all 19} analytes			300	300	138	138
	G280DNA	07/23/03	E314.0	{ND on all 1} analytes			300	300	138	138
	G280DNA	07/23/03	OC21V	ACETONE	45	UG/L	300	300	138	138
	G280DNA	07/23/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	11	UG/L	300	300	138	138
	G280DOA	07/23/03	8330N	{ND on all 19} analytes			310	310	148	148
	G280DOA	07/23/03	E314.0	{ND on all 1} analytes			310	310	148	148
	G280DOA	07/23/03	OC21V	ACETONE	6 J	UG/L	310	310	148	148
	G280DOA	07/23/03	OC21V	CHLOROFORM	0.4 J	UG/L	310	310	148	148
	G280DOA	07/23/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	3 J	UG/L	310	310	148	148
	G280DPA	07/23/03	8330N	{ND on all 19} analytes			320	320	158	158
	G280DPA	07/23/03	E314.0	{ND on all 1} analytes			320	320	158	158
	G280DPA	07/23/03	OC21V	ACETONE	36	UG/L	320	320	158	158
	G280DPA	07/23/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	7	UG/L	320	320	158	158
	G280DQA	07/23/03	8330N	{ND on all 19} analytes			330	330	168	168
	G280DQA	07/23/03	E314.0	{ND on all 1} analytes			330	330	168	168
	G280DQA	07/23/03	OC21V	ACETONE	13 J	UG/L	330	330	168	168
	G280DQA	07/23/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4 J	UG/L	330	330	168	168
	G280DRA	07/24/03	8330N	{ND on all 19} analytes			340	340	178	178
	G280DRA	07/24/03	E314.0	{ND on all 1} analytes			340	340	178	178
	G280DRA	07/24/03	OC21V	2-HEXANONE	2 J	UG/L	340	340	178	178
	G280DRA	07/24/03	OC21V	ACETONE	51	UG/L	340	340	178	178
	G280DRA	07/24/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	17	UG/L	340	340	178	178
	G280DSA	07/25/03	8330N	{ND on all 19} analytes			345	345	183	183
	G280DSA	07/25/03	E314.0	{ND on all 1} analytes			345	345	183	183
	G280DSA	07/25/03	OC21V	ACETONE	6 J	UG/L	345	345	183	183
	G280DSA	07/25/03	OC21V	CHLOROFORM	0.4 J	UG/L	345	345	183	183
	G280DSA	07/25/03	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	2 J	UG/L	345	345	183	183
MW-282	G282DAA	09/10/03	E314.0	{ND on all 1} analytes			200	200	12	12
	G282DAA	09/09/03	8330N	{ND on all 19} analytes			200	200	12	12
	G282DBA	09/10/03	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	0.69 J	UG/L	210	210	22	22
	G282DBA	09/10/03	E314.0	{ND on all 1} analytes			210	210	22	22
	G282DCA	09/10/03	8330N	HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE	0.93 J	UG/L	220	220	32	32
	G282DCA	09/10/03	E314.0	{ND on all 1} analytes			220	220	32	32
	G282DDA	09/11/03	8330N	{ND on all 19} analytes			230	230	42	42
	G282DDA	09/11/03	E314.0	{ND on all 1} analytes			230	230	42	42
	G282DEA	09/11/03	8330N	{ND on all 19} analytes			240	240	52	52
	G282DEA	09/11/03	E314.0	{ND on all 1} analytes			240	240	52	52
	G282DFA	09/11/03	8330N	{ND on all 19} analytes			250	250	62	62
	G282DFA	09/11/03	E314.0	{ND on all 1} analytes			250	250	62	62
	G282DGA	09/12/03	8330N	{ND on all 19} analytes			260	260	72	72
	G282DGA	09/12/03	E314.0	{ND on all 1} analytes			260	260	72	72
	G282DHA	09/15/03	8330N	{ND on all 19} analytes			270	270	82	82
	G282DHA	09/15/03	E314.0	{ND on all 1} analytes			270	270	82	82
	G282DIA	09/15/03	8330N	{ND on all 19} analytes			280	280	92	92
	G282DIA	09/15/03	E314.0	{ND on all 1} analytes			280	280	92	92
	G282DJA	09/15/03	8330N	{ND on all 19} analytes			290	290	102	102
	G282DJA	09/15/03	E314.0	{ND on all 1} analytes			290	290	102	102
	G282DJD	09/15/03	8330N	{ND on all 19} analytes			290	290	102	102
	G282DJD	09/15/03	E314.0	{ND on all 1} analytes			290	290	102	102
	G282DKA	09/16/03	8330N	{ND on all 19} analytes			300	300	112	112
	G282DKA	09/16/03	E314.0	{ND on all 1} analytes			300	300	112	112
	G282DLA	09/16/03	8330N	OCTAHYDRO-1,3,5,7-TETRANITRO-1,3,5,7-TET	1.2 J	UG/L	310	310	122	122
	G282DLA	09/16/03	E314.0	{ND on all 1} analytes			310	310	122	122
	G282DMA	09/16/03	8330N	{ND on all 19} analytes			320	320	132	132

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
	G282DMA	09/16/03	E314.0	{ND on all 1} analytes			320	320	132	132
	G282DNA	09/16/03	8330N	{ND on all 19} analytes			330	330	142	142
	G282DNA	09/16/03	E314.0	{ND on all 1} analytes			330	330	142	142
	G282DOA	09/17/03	8330N	{ND on all 19} analytes			340	340	152	152
	G282DOA	09/17/03	E314.0	{ND on all 1} analytes			340	340	152	152
	G282DPA	09/17/03	8330N	{ND on all 18} analytes			350	350	162	162
	G282DPA	09/17/03	E314.0	{ND on all 1} analytes			350	350	162	162
	G282DQA	09/17/03	8330N	{ND on all 19} analytes			360	360	172	172
	G282DQA	09/17/03	E314.0	{ND on all 1} analytes			360	360	172	172
	G282DRA	09/17/03	8330N	{ND on all 19} analytes			370	370	182	182
	G282DRA	09/17/03	E314.0	{ND on all 1} analytes			370	370	182	182
	G282DSA	09/17/03	8330N	{ND on all 19} analytes			380	380	192	192
	G282DSA	09/17/03	E314.0	{ND on all 1} analytes			380	380	192	192
	G282DTA	09/17/03	8330N	{ND on all 19} analytes			390	390	202	202
	G282DTA	09/17/03	E314.0	{ND on all 1} analytes			390	390	202	202
	G282DTD	09/17/03	8330N	{ND on all 19} analytes			390	390	202	202
	G282DTD	09/17/03	E314.0	{ND on all 1} analytes			390	390	202	202
MW-285	G285DAA	10/21/03	8330N	{ND on all 19} analytes			190	190	11.4	11.4
	G285DAA	10/21/03	E314.0	{ND on all 1} analytes			190	190	11.4	11.4
	G285DBA	10/21/03	8330N	{ND on all 19} analytes			200	200	21.4	21.4
	G285DBA	10/21/03	E314.0	{ND on all 1} analytes			200	200	21.4	21.4
	G285DCA	10/21/03	8330N	{ND on all 19} analytes			210	210	31.4	31.4
	G285DCA	10/21/03	E314.0	{ND on all 1} analytes			210	210	31.4	31.4
	G285DDA	10/21/03	8330N	{ND on all 19} analytes			220	220	41.4	41.4
	G285DDA	10/21/03	E314.0	{ND on all 1} analytes			220	220	41.4	41.4
	G285DEA	10/21/03	8330N	{ND on all 19} analytes			230	230	51.4	51.4
	G285DEA	10/21/03	E314.0	{ND on all 1} analytes			230	230	51.4	51.4
	G285DFA	10/22/03	8330N	{ND on all 19} analytes			240	240	61.4	61.4
	G285DFA	10/22/03	E314.0	{ND on all 1} analytes			240	240	61.4	61.4
	G285DHA	10/22/03	8330N	{ND on all 19} analytes			260	260	81.4	81.4
	G285DHA	10/22/03	E314.0	{ND on all 1} analytes			260	260	81.4	81.4
	G285DIA	10/23/03	8330N	{ND on all 19} analytes			270	270	91.4	91.4
	G285DIA	10/23/03	E314.0	{ND on all 1} analytes			270	270	91.4	91.4
	G285DJA	10/23/03	8330N	{ND on all 19} analytes			280	280	101.4	101.4
	G285DJA	10/23/03	E314.0	{ND on all 1} analytes			280	280	101.4	101.4
	G285DJD	10/23/03	8330N	{ND on all 19} analytes			280	280	101.4	101.4
	G285DJD	10/23/03	E314.0	{ND on all 1} analytes			280	280	101.4	101.4
	G285DKA	10/23/03	8330N	{ND on all 19} analytes			290	290	111.4	111.4
	G285DKA	10/23/03	E314.0	{ND on all 1} analytes			290	290	111.4	111.4
	G285DLA	10/23/03	8330N	{ND on all 19} analytes			300	300	121.4	121.4
	G285DLA	10/23/03	E314.0	{ND on all 1} analytes			300	300	121.4	121.4
	G285DMA	10/23/03	8330N	{ND on all 19} analytes			310	310	131.4	131.4
	G285DMA	10/23/03	E314.0	{ND on all 1} analytes			310	310	131.4	131.4
	G285DNA	10/23/03	8330N	{ND on all 19} analytes			320	320	141.4	141.4
	G285DNA	10/23/03	E314.0	{ND on all 1} analytes			320	320	141.4	141.4
	G285DOA	10/23/03	8330N	{ND on all 19} analytes			330	330	151.4	151.4
	G285DOA	10/23/03	E314.0	{ND on all 1} analytes			330	330	151.4	151.4
	G285DPA	10/24/03	8330N	{ND on all 19} analytes			340	340	161.4	161.4
	G285DPA	10/24/03	E314.0	{ND on all 1} analytes			340	340	161.4	161.4
	G285DQA	10/24/03	8330N	{ND on all 19} analytes			350	350	171.4	171.4
	G285DQA	10/24/03	E314.0	{ND on all 1} analytes			350	350	171.4	171.4
	G285DRA	10/24/03	8330N	{ND on all 19} analytes			358	358	179.4	179.4
	G285DRA	10/24/03	E314.0	{ND on all 1} analytes			358	358	179.4	179.4
MW-308	G308DAA	02/05/04	8330N	{ND on all 19} analytes			205	205	7.3	7.3
	G308DAA	02/05/04	E314.0	{ND on all 1} analytes			205	205	7.3	7.3
	G308DBA	02/05/04	8330N	{ND on all 19} analytes			210	210	12.3	12.3
	G308DBA	02/05/04	E314.0	{ND on all 1} analytes			210	210	12.3	12.3
	G308DCA	02/06/04	8330N	{ND on all 19} analytes			220	220	22.3	22.3
	G308DCA	02/06/04	E314.0	{ND on all 1} analytes			220	220	22.3	22.3
	G308DDA	02/09/04	8330N	{ND on all 19} analytes			230	230	32.3	32.3

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
	G308DDA	02/09/04	E314.0	{ND on all 1} analytes			230	230	32.3	32.3
	G308DEA	02/09/04	8330N	{ND on all 19} analytes			240	240	42.3	42.3
	G308DEA	02/09/04	E314.0	{ND on all 1} analytes			240	240	42.3	42.3
	G308DFA	02/10/04	8330N	{ND on all 19} analytes			250	250	52.3	52.3
	G308DFA	02/10/04	E314.0	PERCHLORATE	0.48 J	UG/L	250	250	52.3	52.3
	G308DGA	02/10/04	8330N	{ND on all 19} analytes			260	260	62.3	62.3
	G308DGA	02/10/04	E314.0	PERCHLORATE	2.05	UG/L	260	260	62.3	62.3
	G308DHA	02/10/04	8330N	{ND on all 19} analytes			270	270	72.3	72.3
	G308DHA	02/10/04	E314.0	{ND on all 1} analytes			270	270	72.3	72.3
	G308DIA	02/11/04	8330N	{ND on all 19} analytes			280	280	82.3	82.3
	G308DIA	02/11/04	E314.0	{ND on all 1} analytes			280	280	82.3	82.3
	G308DID	02/11/04	8330N	{ND on all 19} analytes			280	280	82.3	82.3
	G308DID	02/11/04	E314.0	{ND on all 1} analytes			280	280	82.3	82.3
	G308DJA	02/11/04	8330N	{ND on all 19} analytes			290	290	92.3	92.3
	G308DJA	02/11/04	E314.0	{ND on all 1} analytes			290	290	92.3	92.3
	G308DKA	02/11/04	8330N	{ND on all 19} analytes			300	300	102.3	102.3
	G308DKA	02/11/04	E314.0	{ND on all 1} analytes			300	300	102.3	102.3
	G308DLA	02/11/04	8330N	{ND on all 19} analytes			310	310	112.3	112.3
	G308DLA	02/11/04	E314.0	{ND on all 1} analytes			310	310	112.3	112.3
	G308DMA	02/12/04	8330N	{ND on all 19} analytes			320	320	122.3	122.3
	G308DMA	02/12/04	E314.0	{ND on all 1} analytes			320	320	122.3	122.3
	G308DMD	02/12/04	8330N	{ND on all 19} analytes			320	320	122.3	122.3
	G308DMD	02/12/04	E314.0	{ND on all 1} analytes			320	320	122.3	122.3
	G308DNA	02/12/04	8330N	{ND on all 19} analytes			330	330	132.3	132.3
	G308DNA	02/12/04	E314.0	PERCHLORATE	4.08	UG/L	330	330	132.3	132.3
	G308DOA	02/13/04	8330N	{ND on all 19} analytes			340	340	142.3	142.3
	G308DOA	02/13/04	E314.0	{ND on all 1} analytes			340	340	142.3	142.3
	G308DPA	02/13/04	8330N	{ND on all 19} analytes			350	350	152.3	152.3
	G308DPA	02/13/04	E314.0	{ND on all 1} analytes			350	350	152.3	152.3
	G308DRA	02/17/04	8330N	{ND on all 19} analytes			370	370	172.3	172.3
	G308DRA	02/17/04	E314.0	{ND on all 1} analytes			370	370	172.3	172.3
MW-316	G316DAA	03/10/04	8330N	{ND on all 19} analytes			190	190	3.5	3.5
	G316DAA	03/10/04	E314.0	{ND on all 1} analytes			190	190	3.5	3.5
	G316DBA	03/10/04	8330N	{ND on all 19} analytes			200	200	13.5	13.5
	G316DBA	03/10/04	E314.0	{ND on all 1} analytes			200	200	13.5	13.5
	G316DCA	03/10/04	8330N	{ND on all 19} analytes			210	210	23.5	23.5
	G316DCA	03/10/04	E314.0	{ND on all 1} analytes			210	210	23.5	23.5
	G316DCD	03/10/04	8330N	{ND on all 19} analytes			210	210	23.5	23.5
	G316DCD	03/10/04	E314.0	{ND on all 1} analytes			210	210	23.5	23.5
	G316DDA	03/11/04	8330N	{ND on all 19} analytes			220	220	33.5	33.5
	G316DDA	03/11/04	E314.0	{ND on all 1} analytes			220	220	33.5	33.5
	G316DEA	03/11/04	8330N	{ND on all 19} analytes			230	230	43.5	43.5
	G316DEA	03/11/04	E314.0	{ND on all 1} analytes			230	230	43.5	43.5
	G316DFA	03/11/04	8330N	{ND on all 19} analytes			240	240	53.5	53.5
	G316DFA	03/11/04	E314.0	{ND on all 1} analytes			240	240	53.5	53.5
	G316DGA	03/11/04	8330N	{ND on all 19} analytes			250	250	63.5	63.5
	G316DGA	03/11/04	E314.0	{ND on all 1} analytes			250	250	63.5	63.5
	G316DHA	03/11/04	8330N	{ND on all 19} analytes			260	260	73.5	73.5
	G316DHA	03/11/04	E314.0	{ND on all 1} analytes			260	260	73.5	73.5
	G316DIA	03/11/04	8330N	{ND on all 19} analytes			270	270	83.5	83.5
	G316DIA	03/11/04	E314.0	{ND on all 1} analytes			270	270	83.5	83.5
	G316DJA	03/11/04	8330N	{ND on all 19} analytes			280	280	93.5	93.5
	G316DJA	03/11/04	E314.0	{ND on all 1} analytes			280	280	93.5	93.5
	G316DKA	03/12/04	8330N	2,4,6-TRINITROTOLUENE	0.44 J	UG/L	290	290	103.5	103.5
	G316DKA	03/12/04	E314.0	{ND on all 1} analytes			290	290	103.5	103.5
	G316DKD	03/12/04	8330N	2,4,6-TRINITROTOLUENE	0.61 J	UG/L	290	290	103.5	103.5
	G316DKD	03/12/04	E314.0	{ND on all 1} analytes			290	290	103.5	103.5
	G316DLA	03/12/04	8330N	{ND on all 19} analytes			300	300	113.5	113.5
	G316DLA	03/12/04	E314.0	{ND on all 1} analytes			300	300	113.5	113.5
	G316DMA	03/12/04	8330N	{ND on all 19} analytes			310	310	123.5	123.5

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration		Units	SBD	SED	BWTS	BWTE
	G316DMA	03/12/04	E314.0	{ND on all 1} analytes				310	310	123.5	123.5
	G316DNA	03/15/04	8330N	{ND on all 19} analytes				320	320	133.5	133.5
	G316DNA	03/15/04	E314.0	{ND on all 1} analytes				320	320	133.5	133.5
	G316DOA	03/16/04	8330N	{ND on all 19} analytes				330	330	143.5	143.5
	G316DOA	03/16/04	E314.0	{ND on all 1} analytes				330	330	143.5	143.5
	G316DPA	03/16/04	8330N	{ND on all 19} analytes				340	340	153.5	153.5
	G316DPA	03/16/04	E314.0	{ND on all 1} analytes				340	340	153.5	153.5
	G316DQA	03/16/04	8330N	{ND on all 19} analytes				350	350	163.5	163.5
	G316DQA	03/16/04	E314.0	{ND on all 1} analytes				350	350	163.5	163.5
MW-317	G317DAA	03/30/04	8330N	{ND on all 19} analytes				160	160	1.2	1.2
	G317DAA	03/30/04	E314.0	{ND on all 1} analytes				160	160	1.2	1.2
	G317DBA	03/30/04	8330N	{ND on all 19} analytes				170	170	11.2	11.2
	G317DBA	03/30/04	E314.0	{ND on all 1} analytes				170	170	11.2	11.2
	G317DCA	03/30/04	8330N	{ND on all 19} analytes				180	180	21.2	21.2
	G317DCA	03/30/04	E314.0	{ND on all 1} analytes				180	180	21.2	21.2
	G317DCD	03/30/04	8330N	{ND on all 19} analytes				180	180	21.2	21.2
	G317DCD	03/30/04	E314.0	{ND on all 1} analytes				180	180	21.2	21.2
	G317DDA	03/30/04	8330N	{ND on all 19} analytes				190	190	31.2	31.2
	G317DDA	03/30/04	E314.0	{ND on all 1} analytes				190	190	31.2	31.2
	G317DEA	03/31/04	8330N	{ND on all 19} analytes				200	200	41.2	41.2
	G317DEA	03/31/04	E314.0	{ND on all 1} analytes				200	200	41.2	41.2
	G317DFA	03/31/04	8330N	{ND on all 19} analytes				210	210	51.2	51.2
	G317DFA	03/31/04	E314.0	{ND on all 1} analytes				210	210	51.2	51.2
	G317DGA	04/01/04	8330N	{ND on all 19} analytes				220	220	61.2	61.2
	G317DGA	04/01/04	E314.0	{ND on all 1} analytes				220	220	61.2	61.2
	G317DHA	04/02/04	8330N	2,4,6-TRINITROTOLUENE	0.71	J	UG/L	230	230	71.2	71.2
	G317DHA	04/02/04	E314.0	{ND on all 1} analytes				230	230	71.2	71.2
	G317DIA	04/05/04	8330N	{ND on all 19} analytes				240	240	81.2	81.2
	G317DIA	04/05/04	E314.0	{ND on all 1} analytes				240	240	81.2	81.2
	G317DJA	04/05/04	8330N	{ND on all 19} analytes				250	250	91.2	91.2
	G317DJA	04/05/04	E314.0	{ND on all 1} analytes				250	250	91.2	91.2
	G317DKA	04/05/04	8330N	{ND on all 19} analytes				260	260	101.2	101.2
	G317DKA	04/05/04	E314.0	{ND on all 1} analytes				260	260	101.2	101.2
	G317DKD	04/05/04	8330N	{ND on all 19} analytes				260	260	101.2	101.2
	G317DKD	04/05/04	E314.0	{ND on all 1} analytes				260	260	101.2	101.2
	G317DLA	04/05/04	8330N	{ND on all 19} analytes				270	270	111.2	111.2
	G317DLA	04/05/04	E314.0	{ND on all 1} analytes				270	270	111.2	111.2
	G317DMA	04/05/04	8330N	{ND on all 19} analytes				280	280	121.2	121.2
	G317DMA	04/05/04	E314.0	{ND on all 1} analytes				280	280	121.2	121.2
	G317DNA	04/05/04	8330N	{ND on all 19} analytes				290	290	131.2	131.2
	G317DNA	04/05/04	E314.0	{ND on all 1} analytes				290	290	131.2	131.2
	G317DOA	04/06/04	8330N	{ND on all 19} analytes				300	300	141.2	141.2
	G317DOA	04/06/04	E314.0	{ND on all 1} analytes				300	300	141.2	141.2
	G317DPA	04/06/04	8330N	{ND on all 19} analytes				310	310	151.2	151.2
	G317DPA	04/06/04	E314.0	{ND on all 1} analytes				310	310	151.2	151.2
	G317DQA	04/06/04	8330N	{ND on all 19} analytes				320	320	161.2	161.2
	G317DQA	04/06/04	E314.0	{ND on all 1} analytes				320	320	161.2	161.2
	G317DRA	04/06/04	8330N	{ND on all 19} analytes				329	329	170.2	170.2
	G317DRA	04/06/04	E314.0	{ND on all 1} analytes				329	329	170.2	170.2
MW-21	G21DAA	09/12/97	8330	1,3-DINITROBENZENE	0.68		UG/L	172	176	4	8
	G21DAA	09/12/97	8330	3-NITROTOLUENE	0.36		UG/L	172	176	4	8
	G21DAA	09/12/97	8330	4-NITROTOLUENE	0.32		UG/L	172	176	4	8
	G21DAA	09/12/97	OC21V	ACETONE	19		UG/L	172	176	4	8
	G21DAA	09/12/97	OC21V	BENZENE	0.2	J	UG/L	172	176	4	8
	G21DAA	09/12/97	OC21V	CARBON DISULFIDE	0.5	J	UG/L	172	176	4	8
	G21DAA	09/12/97	OC21V	CHLOROFORM	0.7	J	UG/L	172	176	4	8
	G21DAA	09/12/97	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	5		UG/L	172	176	4	8
	G21DAA	09/12/97	OC21V	TOLUENE	0.3	J	UG/L	172	176	4	8
	G21DBA	09/12/97	8330	1,3,5-TRINITROBENZENE	0.75		UG/L	182	186	14	18
	G21DBA	09/12/97	8330	1,3-DINITROBENZENE	0.38		UG/L	182	186	14	18

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration		Units	SBD	SED	BWTS	BWTE
	G21DBA	09/12/97	OC21V	ACETONE	11		UG/L	182	186	14	18
	G21DBA	09/12/97	OC21V	CARBON DISULFIDE	0.2	J	UG/L	182	186	14	18
	G21DBA	09/12/97	OC21V	CHLOROFORM	1		UG/L	182	186	14	18
	G21DCA	09/16/97	8330	PICRIC ACID	3.2	NJ	UG/L	192	196	24	28
	G21DCA	09/16/97	OC21V	BROMODICHLOROMETHANE	0.8	J	UG/L	192	196	24	28
	G21DCA	09/16/97	OC21V	CHLOROFORM	1		UG/L	192	196	24	28
	G21DCA	09/16/97	OC21V	DIBROMOCHLOROMETHANE	1		UG/L	192	196	24	28
	G21DDA	09/16/97	8330	{ND on all 18} analytes				202	206	34	38
	G21DDA	09/16/97	OC21V	BROMODICHLOROMETHANE	3		UG/L	202	206	34	38
	G21DDA	09/16/97	OC21V	BROMOFORM	3		UG/L	202	206	34	38
	G21DDA	09/16/97	OC21V	CHLOROFORM	2		UG/L	202	206	34	38
	G21DDA	09/16/97	OC21V	DIBROMOCHLOROMETHANE	5		UG/L	202	206	34	38
	G21DDA	09/16/97	OC21V	TOLUENE	0.7	J	UG/L	202	206	34	38
	G21DEA	09/16/97	8330	{ND on all 18} analytes				212	216	44	48
	G21DEA	09/16/97	OC21V	BROMODICHLOROMETHANE	0.8	J	UG/L	212	216	44	48
	G21DEA	09/16/97	OC21V	CHLOROFORM	2		UG/L	212	216	44	48
	G21DEA	09/16/97	OC21V	DIBROMOCHLOROMETHANE	1		UG/L	212	216	44	48
	G21DEA	09/16/97	OC21V	TOLUENE	0.5	J	UG/L	212	216	44	48
	G21DFA	09/16/97	8330	{ND on all 18} analytes				221	225	53	57
	G21DFA	09/16/97	OC21V	CHLOROFORM	0.9	J	UG/L	221	225	53	57
	G21DFD	09/16/97	8330	{ND on all 18} analytes				221	225	63	67
	G21DFD	09/16/97	OC21V	CHLOROFORM	1		UG/L	221	225	63	67
	G21DHA	09/17/97	8330	{ND on all 18} analytes				242	246	84	88
	G21DHA	09/17/97	OC21V	ACETONE	4	J	UG/L	242	246	84	88
	G21DHA	09/17/97	OC21V	BROMODICHLOROMETHANE	0.9	J	UG/L	242	246	84	88
	G21DHA	09/17/97	OC21V	BROMOFORM	1		UG/L	242	246	84	88
	G21DHA	09/17/97	OC21V	CHLOROFORM	0.8	J	UG/L	242	246	84	88
	G21DHA	09/17/97	OC21V	DIBROMOCHLOROMETHANE	1		UG/L	242	246	84	88
	G21DIA	09/17/97	8330	{ND on all 18} analytes				252	255	94	97
	G21DIA	09/17/97	OC21V	BROMODICHLOROMETHANE	0.9	J	UG/L	252	255	94	97
	G21DIA	09/17/97	OC21V	BROMOFORM	0.8	J	UG/L	252	255	94	97
	G21DIA	09/17/97	OC21V	CHLOROFORM	0.8	J	UG/L	252	255	94	97
	G21DIA	09/17/97	OC21V	DIBROMOCHLOROMETHANE	1		UG/L	252	255	94	97
	G21DJA	09/17/97	8330	PICRIC ACID	0.6	J	UG/L	264	270	106	112
	G21DJA	09/17/97	OC21V	ACETONE	3	J	UG/L	264	270	106	112
	G21DJA	09/17/97	OC21V	BROMODICHLOROMETHANE	4		UG/L	264	270	106	112
	G21DJA	09/17/97	OC21V	BROMOFORM	4		UG/L	264	270	106	112
	G21DJA	09/17/97	OC21V	CHLOROFORM	3		UG/L	264	270	106	112
	G21DJA	09/17/97	OC21V	DIBROMOCHLOROMETHANE	6		UG/L	264	270	106	112
	G21DJA	09/17/97	OC21V	TOLUENE	0.4	J	UG/L	264	270	106	112
	G21DKA	09/17/97	8330	{ND on all 18} analytes				272	277	114	119
	G21DKA	09/17/97	OC21V	{ND on all 40} analytes				272	277	114	119
	G21DMA	09/18/97	8330	{ND on all 18} analytes				292	296	134	138
	G21DMA	09/18/97	OC21V	{ND on all 40} analytes				292	296	134	138
	G21DNA	09/18/97	8330	{ND on all 18} analytes				302	306	144	148
	G21DNA	09/18/97	OC21V	BROMODICHLOROMETHANE	0.6	J	UG/L	302	306	144	148
	G21DNA	09/18/97	OC21V	CHLOROFORM	1		UG/L	302	306	144	148
	G21DNA	09/18/97	OC21V	DIBROMOCHLOROMETHANE	0.9	J	UG/L	302	306	144	148
	G21DND	09/18/97	8330	{ND on all 18} analytes				302	306	144	148
	G21DND	09/18/97	OC21V	ACETONE	4	J	UG/L	302	306	144	148
	G21DND	09/18/97	OC21V	BROMODICHLOROMETHANE	0.6	J	UG/L	302	306	144	148
	G21DND	09/18/97	OC21V	CHLOROFORM	1		UG/L	302	306	144	148
	G21DND	09/18/97	OC21V	DIBROMOCHLOROMETHANE	0.8	J	UG/L	302	306	144	148
	G21DQA	09/18/97	8330	{ND on all 18} analytes				352	357	194	199
	G21DQA	09/18/97	OC21V	ACETONE	3	J	UG/L	352	357	194	199
	G21DQA	09/18/97	OC21V	BROMODICHLOROMETHANE	2		UG/L	352	357	194	199
	G21DQA	09/18/97	OC21V	BROMOFORM	1		UG/L	352	357	194	199
	G21DQA	09/18/97	OC21V	CHLOROFORM	2		UG/L	352	357	194	199
	G21DQA	09/18/97	OC21V	DIBROMOCHLOROMETHANE	2		UG/L	352	357	194	199
MW-46	G46DAA	01/18/99	8330N	2,4,6-TRINITROTOLUENE	1.1	J	UG/L	178	178	16.3	16.3

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration		Units	SBD	SED	BWTS	BWTE
	G46DAA	01/18/99	8330N	2,6-DINITROTOLUENE	3.1	J	UG/L	178	178	16.3	16.3
	G46DAA	01/18/99	OC21V	ACETONE	30	J	UG/L	178	178	16.3	16.3
	G46DAA	01/18/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	5		UG/L	178	178	16.3	16.3
	G46DBA	01/18/99	8330N	2,6-DINITROTOLUENE	3.2	J	UG/L	188	188	26.3	26.3
	G46DBA	01/18/99	OC21V	ACETONE	46	J	UG/L	188	188	26.3	26.3
	G46DBA	01/18/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	11		UG/L	188	188	26.3	26.3
	G46DCA	01/18/99	8330N	{ND on all 19} analytes				197	197	35.3	35.3
	G46DCA	01/18/99	OC21V	ACETONE	38	J	UG/L	197	197	35.3	35.3
	G46DCA	01/18/99	OC21V	CHLOROFORM	0.5	J	UG/L	197	197	35.3	35.3
	G46DCA	01/18/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	10		UG/L	197	197	35.3	35.3
	G46DDA	01/18/99	8330N	2,6-DINITROTOLUENE	1.3	J	UG/L	207	207	45.3	45.3
	G46DDA	01/18/99	OC21V	ACETONE	14	J	UG/L	207	207	45.3	45.3
	G46DDA	01/18/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	5		UG/L	207	207	45.3	45.3
	G46DEA	01/19/99	8330N	2,6-DINITROTOLUENE	0.97	J	UG/L	217	217	55.3	55.3
	G46DEA	01/19/99	OC21V	ACETONE	8	J	UG/L	217	217	55.3	55.3
	G46DED	01/19/99	8330N	{ND on all 19} analytes				217	217	55.3	55.3
	G46DED	01/19/99	OC21V	ACETONE	7	J	UG/L	217	217	55.3	55.3
	G46DGA	01/20/99	8330N	{ND on all 19} analytes				237	237	75.3	75.3
	G46DGA	01/20/99	OC21V	ACETONE	7		UG/L	237	237	75.3	75.3
	G46DHA	01/20/99	8330N	{ND on all 19} analytes				247	247	85.3	85.3
	G46DHA	01/20/99	OC21V	{ND on all 44} analytes				247	247	85.3	85.3
	G46DIA	01/20/99	8330N	{ND on all 19} analytes				257	257	95.3	95.3
	G46DIA	01/20/99	OC21V	{ND on all 44} analytes				257	257	95.3	95.3
	G46DJA	01/20/99	8330N	{ND on all 19} analytes				267	267	105.3	105.3
	G46DJA	01/20/99	OC21V	{ND on all 44} analytes				267	267	105.3	105.3
	G46DKA	01/20/99	8330N	{ND on all 19} analytes				277	277	115.3	115.3
	G46DKA	01/20/99	OC21V	{ND on all 44} analytes				277	277	115.3	115.3
	G46DMA	01/22/99	8330N	{ND on all 19} analytes				297	297	135.3	135.3
	G46DMA	01/22/99	OC21V	ACETONE	20		UG/L	297	297	135.3	135.3
	G46DMA	01/22/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	8		UG/L	297	297	135.3	135.3
	G46DNA	01/22/99	8330N	{ND on all 19} analytes				307	307	145.3	145.3
	G46DNA	01/22/99	OC21V	ACETONE	5		UG/L	307	307	145.3	145.3
	G46DOA	01/25/99	8330N	{ND on all 19} analytes				317	317	155.3	155.3
	G46DOA	01/25/99	OC21V	ACETONE	6	J	UG/L	317	317	155.3	155.3
	G46DPA	01/25/99	8330N	{ND on all 19} analytes				327	327	165.3	165.3
	G46DPA	01/25/99	OC21V	{ND on all 44} analytes				327	327	165.3	165.3
	G46DQA	01/27/99	8330N	{ND on all 19} analytes				337	337	175.3	175.3
	G46DQA	01/27/99	OC21V	CHLOROMETHANE	0.9	J	UG/L	337	337	175.3	175.3
	G46DRA	01/27/99	8330N	{ND on all 19} analytes				347	347	185.3	185.3
	G46DRA	01/27/99	OC21V	ACETONE	24		UG/L	347	347	185.3	185.3
	G46DRA	01/27/99	OC21V	CHLOROMETHANE	3		UG/L	347	347	185.3	185.3
	G46DRA	01/27/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	6		UG/L	347	347	185.3	185.3
	G46DSA	01/27/99	8330N	{ND on all 19} analytes				357	357	195.3	195.3
	G46DSA	01/27/99	OC21V	{ND on all 44} analytes				357	357	195.3	195.3
	G46DTA	01/28/99	8330N	{ND on all 19} analytes				367	367	205.3	205.3
	G46DTA	01/28/99	OC21V	ACETONE	34		UG/L	367	367	205.3	205.3
	G46DTA	01/28/99	OC21V	CARBON DISULFIDE	1		UG/L	367	367	205.3	205.3
	G46DTA	01/28/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	5		UG/L	367	367	205.3	205.3
	G46DWA	02/02/99	8330N	{ND on all 19} analytes				397	397	235.3	235.3
	G46DWA	02/02/99	OC21V	ACETONE	10	J	UG/L	397	397	235.3	235.3
	G46MAA	02/18/99	8330N	2,4-DIAMINO-6-NITROTOLUENE	0.5	J	UG/L	158	160	0	0
	G46MAA	02/18/99	OC21V	ACETONE	12		UG/L	158	160	0	0
	G46MAA	02/18/99	OC21V	CHLOROFORM	0.6	J	UG/L	158	160	0	0
	G46MBA	02/19/99	8330N	{ND on all 19} analytes				175	180	13.3	18.3
	G46MBA	02/19/99	OC21V	CHLOROFORM	1		UG/L	175	180	13.3	18.3
	G46MBD	02/19/99	8330N	{ND on all 19} analytes				175	180	13.3	18.3
	G46MBD	02/19/99	OC21V	CHLOROFORM	1		UG/L	175	180	13.3	18.3
	G46MCA	02/19/99	8330N	{ND on all 19} analytes				185	190	23.3	28.3
	G46MCA	02/19/99	OC21V	CHLOROFORM	0.8	J	UG/L	185	190	23.3	28.3
	G46MCA	02/19/99	OC21V	TOLUENE	0.7	J	UG/L	185	190	23.3	28.3

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration		Units	SBD	SED	BWTS	BWTE
	G46MDA	02/19/99	8330N	{ND on all 19} analytes				195	200	33.3	38.3
	G46MDA	02/19/99	OC21V	CHLOROFORM	1		UG/L	195	200	33.3	38.3
	G46MDA	02/19/99	OC21V	TOLUENE	0.7	J	UG/L	195	200	33.3	38.3
	G46MEA	02/19/99	8330N	{ND on all 19} analytes				225	230	63.3	68.3
	G46MEA	02/19/99	OC21V	{ND on all 44} analytes				225	230	63.3	68.3
MW-47	G47DAA	01/11/99	8330N	{ND on all 19} analytes				105	105	11.5	11.5
	G47DAA	01/11/99	OC21V	CHLOROFORM	1		UG/L	105	105	11.5	11.5
	G47DBA	01/11/99	8330N	{ND on all 19} analytes				115	115	21.5	21.5
	G47DBA	01/11/99	OC21V	CHLOROFORM	1		UG/L	115	115	21.5	21.5
	G47DCA	01/12/99	8330N	{ND on all 19} analytes				125	125	31.5	31.5
	G47DCA	01/12/99	OC21V	CHLOROFORM	1		UG/L	125	125	31.5	31.5
	G47DDA	01/12/99	8330N	{ND on all 19} analytes				135	135	41.5	41.5
	G47DDA	01/12/99	OC21V	CHLOROFORM	0.9	J	UG/L	135	135	41.5	41.5
	G47DEA	01/12/99	8330N	{ND on all 19} analytes				145	145	51.5	51.5
	G47DEA	01/12/99	OC21V	CHLOROFORM	0.7	J	UG/L	145	145	51.5	51.5
	G47DFA	01/12/99	8330N	{ND on all 19} analytes				155	155	61.5	61.5
	G47DFA	01/12/99	OC21V	CHLOROFORM	0.6	J	UG/L	155	155	61.5	61.5
	G47DGA	01/13/99	8330N	{ND on all 19} analytes				165	165	71.5	71.5
	G47DGA	01/13/99	OC21V	CHLOROFORM	0.7	J	UG/L	165	165	71.5	71.5
	G47DHA	01/13/99	8330N	{ND on all 19} analytes				175	175	81.5	81.5
	G47DHA	01/13/99	OC21V	CHLOROFORM	0.7	J	UG/L	175	175	81.5	81.5
	G47DIA	01/13/99	8330N	{ND on all 19} analytes				185	185	91.5	91.5
	G47DIA	01/13/99	OC21V	CHLOROFORM	0.7	J	UG/L	185	185	91.5	91.5
	G47DJA	01/13/99	8330N	{ND on all 19} analytes				195	195	101.5	101.5
	G47DJA	01/13/99	OC21V	CHLOROFORM	0.8	J	UG/L	195	195	101.5	101.5
	G47DKA	01/13/99	8330N	{ND on all 19} analytes				205	205	111.5	111.5
	G47DKA	01/13/99	OC21V	CHLOROFORM	0.8	J	UG/L	205	205	111.5	111.5
	G47DLA	01/14/99	8330N	{ND on all 19} analytes				215	215	121.5	121.5
	G47DLA	01/14/99	OC21V	{ND on all 44} analytes				215	215	121.5	121.5
	G47DMA	01/14/99	8330N	{ND on all 19} analytes				225	225	131.5	131.5
	G47DMA	01/14/99	OC21V	{ND on all 44} analytes				225	225	131.5	131.5
	G47DNA	01/15/99	8330N	{ND on all 19} analytes				235	235	141.5	141.5
	G47DNA	01/15/99	OC21V	{ND on all 44} analytes				235	235	141.5	141.5
	G47DND	01/15/99	8330N	{ND on all 19} analytes				235	235	141.5	141.5
	G47DND	01/15/99	OC21V	{ND on all 44} analytes				235	235	141.5	141.5
	G47DOA	01/15/99	8330N	{ND on all 19} analytes				245	245	151.5	151.5
	G47DOA	01/15/99	OC21V	{ND on all 44} analytes				245	245	151.5	151.5
	G47DQA	01/15/99	8330N	{ND on all 19} analytes				265	265	171.5	171.5
	G47DQA	01/15/99	OC21V	{ND on all 44} analytes				265	265	171.5	171.5
	G47DRA	01/15/99	8330N	{ND on all 19} analytes				275	275	181.5	181.5
	G47DRA	01/15/99	OC21V	{ND on all 44} analytes				275	275	181.5	181.5
	G47DSA	01/18/99	8330N	{ND on all 19} analytes				285	285	191.5	191.5
	G47DSA	01/18/99	OC21V	TOLUENE	0.3	J	UG/L	285	285	191.5	191.5
	G47DTA	01/18/99	8330N	{ND on all 19} analytes				295	295	201.5	201.5
	G47DTA	01/18/99	OC21V	{ND on all 43} analytes				295	295	201.5	201.5
	G47DUA	01/18/99	8330N	{ND on all 19} analytes				305	305	211.5	211.5
	G47DUA	01/18/99	OC21V	TOLUENE	0.3	J	UG/L	305	305	211.5	211.5
	G47DVA	01/18/99	8330N	{ND on all 19} analytes				315	315	221.5	221.5
	G47DVA	01/18/99	OC21V	{ND on all 43} analytes				315	315	221.5	221.5
MW-69	G69DAA	09/17/99	8330N	{ND on all 18} analytes				120	120	7	7
	G69DAA	09/17/99	OC21V	2-HEXANONE	4	J	UG/L	120	120	7	7
	G69DAA	09/17/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	19	J	UG/L	120	120	7	7
	G69DBA	09/17/99	8330N	{ND on all 18} analytes				130	130	17	17
	G69DBA	09/17/99	OC21V	2-HEXANONE	3	J	UG/L	130	130	17	17
	G69DBA	09/17/99	OC21V	CHLOROFORM	0.4	J	UG/L	130	130	17	17
	G69DBA	09/17/99	OC21V	CHLOROMETHANE	0.8	J	UG/L	130	130	17	17
	G69DBA	09/17/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	16	J	UG/L	130	130	17	17
	G69DBA	09/17/99	OC21V	TOLUENE	0.3	J	UG/L	130	130	17	17
	G69DCA	09/17/99	8330N	{ND on all 18} analytes				140	140	27	27
	G69DCA	09/17/99	OC21V	CHLOROFORM	1		UG/L	140	140	27	27

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration		Units	SBD	SED	BWTS	BWTE
	G69DCA	09/17/99	OC21V	CHLOROMETHANE	1		UG/L	140	140	27	27
	G69DCA	09/17/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	11	J	UG/L	140	140	27	27
	G69DDA	09/17/99	8330N	{ND on all 18} analytes				150	150	37	37
	G69DDA	09/17/99	OC21V	CHLOROMETHANE	0.7	J	UG/L	150	150	37	37
	G69DDA	09/17/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	12	J	UG/L	150	150	37	37
	G69DEA	09/20/99	8330N	{ND on all 19} analytes				160	160	47	47
	G69DEA	09/20/99	OC21V	2-HEXANONE	4	J	UG/L	160	160	47	47
	G69DEA	09/20/99	OC21V	CHLOROMETHANE	0.9	J	UG/L	160	160	47	47
	G69DEA	09/20/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	23		UG/L	160	160	47	47
	G69DEA	09/20/99	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	2	J	UG/L	160	160	47	47
	G69DGA	09/20/99	8330N	{ND on all 19} analytes				180	180	67	67
	G69DGA	09/20/99	OC21V	2-HEXANONE	5		UG/L	180	180	67	67
	G69DGA	09/20/99	OC21V	BENZENE	0.8	J	UG/L	180	180	67	67
	G69DGA	09/20/99	OC21V	CHLOROETHANE	0.9	J	UG/L	180	180	67	67
	G69DGA	09/20/99	OC21V	CHLOROMETHANE	0.8	J	UG/L	180	180	67	67
	G69DGA	09/20/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	20	J	UG/L	180	180	67	67
	G69DGA	09/20/99	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	2	J	UG/L	180	180	67	67
	G69DGA	09/20/99	OC21V	TOLUENE	0.7	J	UG/L	180	180	67	67
	G69DHA	09/20/99	8330N	{ND on all 19} analytes				190	190	77	77
	G69DHA	09/20/99	OC21V	2-HEXANONE	3	J	UG/L	190	190	77	77
	G69DHA	09/20/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	13	J	UG/L	190	190	77	77
	G69DIA	09/20/99	8330N	{ND on all 19} analytes				200	200	87	87
	G69DIA	09/20/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	6	J	UG/L	200	200	87	87
	G69DKA	09/22/99	8330N	{ND on all 19} analytes				220	220	107	107
	G69DKA	09/22/99	OC21V	2-HEXANONE	3	J	UG/L	220	220	107	107
	G69DKA	09/22/99	OC21V	CHLOROETHANE	0.7	J	UG/L	220	220	107	107
	G69DKA	09/22/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	16		UG/L	220	220	107	107
	G69DKA	09/22/99	OC21V	METHYL ISOBUTYL KETONE (4-METHYL-2-PEN	4	J	UG/L	220	220	107	107
	G69DLA	09/22/99	8330N	{ND on all 19} analytes				230	230	117	117
	G69DLA	09/22/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	8		UG/L	230	230	117	117
	G69DMA	09/23/99	8330N	{ND on all 19} analytes				240	240	127	127
	G69DMA	09/23/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	6	J	UG/L	240	240	127	127
	G69DNA	09/23/99	8330N	{ND on all 19} analytes				250	250	137	137
	G69DNA	09/23/99	OC21V	CARBON DISULFIDE	0.4	J	UG/L	250	250	137	137
	G69DNA	09/23/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	6	J	UG/L	250	250	137	137
	G69DOA	09/23/99	8330N	{ND on all 19} analytes				260	260	147	147
	G69DOA	09/23/99	OC21V	CARBON DISULFIDE	2		UG/L	260	260	147	147
	G69DOA	09/23/99	OC21V	CHLOROMETHANE	0.8	J	UG/L	260	260	147	147
	G69DOA	09/23/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	3	J	UG/L	260	260	147	147
	G69DPA	09/23/99	8330N	{ND on all 19} analytes				270	270	157	157
	G69DPA	09/23/99	OC21V	{ND on all 44} analytes				270	270	157	157
MW-70	G70DAA	10/04/99	8330N	{ND on all 18} analytes				130	130	3	3
	G70DAA	10/04/99	OC21V	2-HEXANONE	3	J	UG/L	130	130	3	3
	G70DAA	10/04/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	12	J	UG/L	130	130	3	3
	G70DBA	10/05/99	8330N	2,6-DINITROTOLUENE	0.38	J	UG/L	140	140	13	13
	G70DBA	10/05/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	7	J	UG/L	140	140	13	13
	G70DBA	10/05/99	OC21V	TOLUENE	0.3	J	UG/L	140	140	13	13
	G70DCA	10/05/99	8330N	{ND on all 18} analytes				150	150	23	23
	G70DCA	10/05/99	OC21V	2-HEXANONE	4	J	UG/L	150	150	23	23
	G70DCA	10/05/99	OC21V	CHLOROFORM	0.3	J	UG/L	150	150	23	23
	G70DCA	10/05/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	17	J	UG/L	150	150	23	23
	G70DDA	10/05/99	8330N	{ND on all 18} analytes				160	160	33	33
	G70DDA	10/05/99	OC21V	2-HEXANONE	2	J	UG/L	160	160	33	33
	G70DDA	10/05/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	10	J	UG/L	160	160	33	33
	G70DEA	10/05/99	8330N	{ND on all 18} analytes				170	170	43	43
	G70DEA	10/05/99	OC21V	2-HEXANONE	3	J	UG/L	170	170	43	43
	G70DEA	10/05/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	12	J	UG/L	170	170	43	43
	G70DFA	10/05/99	8330N	{ND on all 18} analytes				180	180	53	53
	G70DFA	10/05/99	OC21V	CHLOROFORM	0.4	J	UG/L	180	180	53	53
	G70DFA	10/05/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	8	J	UG/L	180	180	53	53

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration		Units	SBD	SED	BWTS	BWTE
	G70DGA	10/05/99	8330N	{ND on all 18} analytes				190	190	63	63
	G70DGA	10/05/99	OC21V	2-HEXANONE	4	J	UG/L	190	190	63	63
	G70DGA	10/05/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	18	J	UG/L	190	190	63	63
	G70DHA	10/05/99	8330N	{ND on all 18} analytes				200	200	73	73
	G70DHA	10/05/99	OC21V	CHLOROFORM	0.5	J	UG/L	200	200	73	73
	G70DHA	10/05/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	5	J	UG/L	200	200	73	73
	G70DIA	10/05/99	8330N	{ND on all 18} analytes				210	210	83	83
	G70DIA	10/05/99	OC21V	CHLOROFORM	0.4	J	UG/L	210	210	83	83
	G70DIA	10/05/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	6	J	UG/L	210	210	83	83
	G70DJA	10/05/99	8330N	{ND on all 18} analytes				220	220	93	93
	G70DJA	10/05/99	OC21V	ACETONE	7	J	UG/L	220	220	93	93
	G70DJA	10/05/99	OC21V	CHLOROFORM	0.4	J	UG/L	220	220	93	93
	G70DJD	10/05/99	8330N	{ND on all 18} analytes				220	220	93	93
	G70DJD	10/05/99	OC21V	ACETONE	6	J	UG/L	220	220	93	93
	G70DJD	10/05/99	OC21V	CHLOROFORM	0.5	J	UG/L	220	220	93	93
	G70DKA	10/06/99	8330N	{ND on all 18} analytes				230	230	103	103
	G70DKA	10/06/99	OC21V	ACETONE	9	J	UG/L	230	230	103	103
	G70DLA	10/06/99	8330N	{ND on all 18} analytes				240	240	113	113
	G70DLA	10/06/99	OC21V	ACETONE	25	J	UG/L	240	240	113	113
	G70DLA	10/06/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	8		UG/L	240	240	113	113
	G70DMA	10/06/99	8330N	{ND on all 18} analytes				250	250	123	123
	G70DMA	10/06/99	OC21V	ACETONE	46	J	UG/L	250	250	123	123
	G70DMA	10/06/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	7		UG/L	250	250	123	123
	G70DNA	10/06/99	8330N	2,6-DINITROTOLUENE	0.26	J	UG/L	260	260	133	133
	G70DNA	10/06/99	OC21V	ACETONE	16	J	UG/L	260	260	133	133
	G70DOA	10/07/99	8330N	{ND on all 18} analytes				270	270	143	143
	G70DOA	10/07/99	OC21V	{ND on all 44} analytes				270	270	143	143
	G70DPA	10/07/99	8330N	{ND on all 18} analytes				280	280	153	153
	G70DPA	10/07/99	OC21V	{ND on all 44} analytes				280	280	153	153
MW-71	G71DAA	09/27/99	8330N	{ND on all 19} analytes				164	169	4	9
	G71DAA	09/27/99	OC21V	BENZENE	0.3	J	UG/L	164	169	4	9
	G71DAA	09/27/99	OC21V	CHLOROFORM	1		UG/L	164	169	4	9
	G71DAA	09/27/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4	J	UG/L	164	169	4	9
	G71DAA	09/27/99	OC21V	TOLUENE	0.3	J	UG/L	164	169	4	9
	G71DBA	09/27/99	8330N	{ND on all 19} analytes				170	175	10	15
	G71DBA	09/27/99	OC21V	CHLOROFORM	1		UG/L	170	175	10	15
	G71DBA	09/27/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	3	J	UG/L	170	175	10	15
	G71DCA	09/27/99	8330N	{ND on all 18} analytes				180	185	20	25
	G71DCA	09/27/99	OC21V	CHLOROFORM	2		UG/L	180	185	20	25
	G71DDA	09/28/99	8330N	{ND on all 18} analytes				190	195	30	35
	G71DDA	09/28/99	OC21V	{ND on all 43} analytes				190	195	30	35
	G71DDD	09/28/99	8330N	{ND on all 18} analytes				190	195	30	35
	G71DDD	09/28/99	OC21V	CHLOROFORM	0.4	J	UG/L	190	195	30	35
	G71DEA	09/28/99	8330N	{ND on all 18} analytes				200	205	40	45
	G71DEA	09/28/99	OC21V	CHLOROFORM	0.4	J	UG/L	200	205	40	45
	G71DFA	09/28/99	8330N	{ND on all 18} analytes				210	215	50	55
	G71DFA	09/28/99	OC21V	CHLOROFORM	0.4	J	UG/L	210	215	50	55
	G71DGA	09/28/99	8330N	{ND on all 18} analytes				220	225	60	65
	G71DGA	09/28/99	OC21V	CHLOROFORM	0.7	J	UG/L	220	225	60	65
	G71DHA	09/28/99	8330N	{ND on all 18} analytes				230	235	70	75
	G71DHA	09/28/99	OC21V	CHLOROFORM	0.5	J	UG/L	230	235	70	75
	G71DIA	09/28/99	8330N	{ND on all 18} analytes				240	245	80	85
	G71DIA	09/28/99	OC21V	CHLOROFORM	0.6	J	UG/L	240	245	80	85
	G71DJA	09/29/99	8330N	{ND on all 18} analytes				250	255	90	95
	G71DJA	09/29/99	OC21V	CHLOROFORM	0.3	J	UG/L	250	255	90	95
	G71DJD	09/29/99	8330N	{ND on all 18} analytes				250	255	90	95
	G71DJD	09/29/99	OC21V	CHLOROFORM	0.3	J	UG/L	250	255	90	95
	G71DKA	09/29/99	8330N	{ND on all 18} analytes				260	265	100	105
	G71DKA	09/29/99	OC21V	CHLOROFORM	0.2	J	UG/L	260	265	100	105
	G71DLA	09/29/99	8330N	{ND on all 18} analytes				270	285	110	125

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration		Units	SBD	SED	BWTS	BWTE
	G71DLA	09/29/99	OC21V	CHLOROFORM	0.5	J	UG/L	270	285	110	125
	G71DMA	09/30/99	8330N	{ND on all 18} analytes				280	285	120	125
	G71DMA	09/30/99	OC21V	CHLOROFORM	0.5	J	UG/L	280	285	120	125
	G71DOA	09/30/99	8330N	{ND on all 18} analytes				300	305	140	145
	G71DOA	09/30/99	OC21V	{ND on all 44} analytes				300	305	140	145
	G71DPA	09/30/99	8330N	{ND on all 18} analytes				310	315	150	155
	G71DPA	09/30/99	OC21V	{ND on all 44} analytes				310	315	150	155
MW-80	G80DAA	07/29/99	8330N	{ND on all 19} analytes				40	45	0	0
	G80DAA	07/29/99	OC21V	ACETONE	4	J	UG/L	40	45	0	0
	G80DAA	07/29/99	OC21V	CHLOROFORM	1		UG/L	40	45	0	0
	G80DBA	07/29/99	8330N	{ND on all 19} analytes				50	55	4.4	9.4
	G80DBA	07/29/99	OC21V	ACETONE	4	J	UG/L	50	55	4.4	9.4
	G80DBA	07/29/99	OC21V	CHLOROFORM	2		UG/L	50	55	4.4	9.4
	G80DCA	07/30/99	8330N	{ND on all 19} analytes				60	65	14.4	19.4
	G80DCA	07/30/99	OC21V	CHLOROFORM	2		UG/L	60	65	14.4	19.4
	G80DCD	07/30/99	8330N	{ND on all 19} analytes				60	65	14.4	19.4
	G80DCD	07/30/99	OC21V	CHLOROFORM	2		UG/L	60	65	14.4	19.4
	G80DDA	07/30/99	8330N	{ND on all 19} analytes				70	75	24.4	29.4
	G80DDA	07/30/99	OC21V	CHLOROFORM	2		UG/L	70	75	24.4	29.4
	G80DDA	07/30/99	OC21V	TOLUENE	0.4	J	UG/L	70	75	24.4	29.4
	G80DEA	07/30/99	8330N	{ND on all 19} analytes				80	85	34.4	39.4
	G80DEA	07/30/99	OC21V	CHLOROFORM	2		UG/L	80	85	34.4	39.4
	G80DFA	07/30/99	8330N	{ND on all 19} analytes				90	95	44.4	49.4
	G80DFA	07/30/99	OC21V	CHLOROFORM	2		UG/L	90	95	44.4	49.4
	G80DGA	07/30/99	8330N	{ND on all 19} analytes				100	105	54.4	59.4
	G80DGA	07/30/99	OC21V	CHLOROFORM	0.8	J	UG/L	100	105	54.4	59.4
	G80DHA	07/30/99	8330N	{ND on all 19} analytes				110	115	64.4	69.4
	G80DHA	07/30/99	OC21V	CHLOROFORM	0.8	J	UG/L	110	115	64.4	69.4
	G80DHA	07/30/99	OC21V	TOLUENE	0.4	J	UG/L	110	115	64.4	69.4
	G80DIA	07/30/99	8330N	{ND on all 19} analytes				120	125	74.4	79.4
	G80DIA	07/30/99	OC21V	CHLOROFORM	1		UG/L	120	125	74.4	79.4
	G80DJA	07/30/99	8330N	{ND on all 19} analytes				130	135	84.4	89.4
	G80DJA	07/30/99	OC21V	CHLOROFORM	0.8	J	UG/L	130	135	84.4	89.4
	G80DKA	07/30/99	8330N	{ND on all 19} analytes				140	145	94.4	99.4
	G80DKA	07/30/99	OC21V	CHLOROFORM	0.5	J	UG/L	140	145	94.4	99.4
	G80DLA	08/02/99	8330N	{ND on all 19} analytes				150	155	104.4	109.4
	G80DLA	08/02/99	OC21V	{ND on all 44} analytes				150	155	104.4	109.4
	G80DMA	08/03/99	8330N	{ND on all 19} analytes				160	165	114.4	119.4
	G80DMA	08/03/99	OC21V	TOLUENE	42		UG/L	160	165	114.4	119.4
	G80DNA	08/03/99	8330N	{ND on all 19} analytes				170	175	124.4	129.4
	G80DNA	08/03/99	OC21V	{ND on all 44} analytes				170	175	124.4	129.4
	G80DOA	08/03/99	8330N	{ND on all 19} analytes				180	185	134.4	139.4
	G80DOA	08/03/99	OC21V	{ND on all 44} analytes				180	185	134.4	139.4
	G80DPA	08/03/99	8330N	{ND on all 19} analytes				190	195	144.4	149.4
	G80DPA	08/03/99	OC21V	TOLUENE	2		UG/L	190	195	144.4	149.4
	G80DPD	08/03/99	8330N	{ND on all 19} analytes				190	195	144.4	149.4
	G80DPD	08/03/99	OC21V	TOLUENE	2		UG/L	190	195	144.4	149.4
	G80DQA	08/04/99	8330N	{ND on all 19} analytes				200	205	154.4	159.4
	G80DQA	08/04/99	OC21V	{ND on all 44} analytes				200	205	154.4	159.4
	G80DRA	08/04/99	8330N	{ND on all 19} analytes				210	215	164.4	169.4
	G80DRA	08/04/99	OC21V	TOLUENE	13		UG/L	210	215	164.4	169.4
	G80DSA	08/04/99	8330N	{ND on all 19} analytes				220	225	174.4	179.4
	G80DSA	08/04/99	OC21V	{ND on all 44} analytes				220	225	174.4	179.4
	G80DTA	08/04/99	8330N	{ND on all 19} analytes				228	233	182.4	177.4
	G80DTA	08/04/99	OC21V	{ND on all 44} analytes				228	233	182.4	177.4
MW-81	G81DAA	08/11/99	8330N	{ND on all 19} analytes				30	35	1.5	6.5
	G81DAA	08/11/99	OC21V	CHLOROFORM	2		UG/L	30	35	1.5	6.5
	G81DBA	08/11/99	8330N	{ND on all 19} analytes				40	45	11.5	16.5
	G81DBA	08/11/99	OC21V	CHLOROFORM	1		UG/L	40	45	11.5	16.5
	G81DCA	08/12/99	8330N	{ND on all 19} analytes				50	55	21.5	26.5

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
	G81DCA	08/12/99	OC21V	CHLOROFORM	2	UG/L	50	55	21.5	26.5
	G81DCD	08/12/99	8330N	{ND on all 19} analytes			50	55	21.5	26.5
	G81DCD	08/12/99	OC21V	CHLOROFORM	2	UG/L	50	55	21.5	26.5
	G81DDA	08/12/99	8330N	{ND on all 19} analytes			60	65	31.5	36.5
	G81DDA	08/12/99	OC21V	CHLOROFORM	2	UG/L	60	65	31.5	36.5
	G81DEA	08/12/99	8330N	{ND on all 19} analytes			70	75	41.5	46.5
	G81DEA	08/12/99	OC21V	CHLOROFORM	2	UG/L	70	75	41.5	46.5
	G81DFA	08/12/99	8330N	{ND on all 19} analytes			80	85	51.5	56.5
	G81DFA	08/12/99	OC21V	CHLOROFORM	0.8 J	UG/L	80	85	51.5	56.5
	G81DGA	08/12/99	8330N	{ND on all 19} analytes			90	95	61.5	66.5
	G81DGA	08/12/99	OC21V	CHLOROFORM	1	UG/L	90	95	61.5	66.5
	G81DHA	08/12/99	8330N	{ND on all 19} analytes			100	105	71.5	76.5
	G81DHA	08/12/99	OC21V	CHLOROFORM	1	UG/L	100	105	71.5	76.5
	G81DIA	08/12/99	8330N	{ND on all 19} analytes			110	115	81.5	86.5
	G81DIA	08/12/99	OC21V	TOLUENE	0.6 J	UG/L	110	115	81.5	86.5
	G81DJA	08/12/99	8330N	{ND on all 19} analytes			120	125	91.5	96.5
	G81DJA	08/12/99	OC21V	CARBON DISULFIDE	0.3 J	UG/L	120	125	91.5	96.5
	G81DKA	08/12/99	8330N	{ND on all 19} analytes			130	135	101.5	106.5
	G81DKA	08/12/99	OC21V	CHLOROFORM	0.8 J	UG/L	130	135	101.5	106.5
	G81DLA	08/13/99	8330N	{ND on all 19} analytes			140	145	111.5	116.5
	G81DLA	08/13/99	OC21V	CHLOROFORM	0.8 J	UG/L	140	145	111.5	116.5
	G81DMA	08/13/99	8330N	{ND on all 19} analytes			150	155	121.5	126.5
	G81DMA	08/13/99	OC21V	CHLOROFORM	0.7 J	UG/L	150	155	121.5	126.5
	G81DNA	08/13/99	8330N	{ND on all 19} analytes			160	165	131.5	136.5
	G81DNA	08/13/99	OC21V	CHLOROFORM	0.6 J	UG/L	160	165	131.5	136.5
	G81DND	08/13/99	8330N	{ND on all 19} analytes			160	165	131.5	136.5
	G81DND	08/13/99	OC21V	CHLOROFORM	0.6 J	UG/L	160	165	131.5	136.5
	G81DOA	08/13/99	8330N	{ND on all 19} analytes			170	175	141.5	146.5
	G81DOA	08/13/99	OC21V	CHLOROFORM	0.6 J	UG/L	170	175	141.5	146.5
	G81DPA	08/16/99	8330N	{ND on all 19} analytes			180	185	151.5	156.5
	G81DPA	08/16/99	OC21V	CHLOROFORM	1	UG/L	180	185	151.5	156.5
	G81DQA	08/16/99	8330N	{ND on all 18} analytes			190	195	161.5	166.5
	G81DQA	08/16/99	OC21V	CHLOROFORM	1	UG/L	190	195	161.5	166.5
	G81DRA	08/16/99	8330N	{ND on all 19} analytes			200	205	171.5	176.5
	G81DRA	08/16/99	OC21V	CHLOROFORM	0.7 J	UG/L	200	205	171.5	176.5
	G81DSA	08/16/99	8330N	{ND on all 19} analytes			210	215	181.5	186.5
	G81DSA	08/16/99	OC21V	CHLOROFORM	0.6 J	UG/L	210	215	181.5	186.5
	G81DTA	08/16/99	8330N	{ND on all 19} analytes			220	225	191.5	196.5
	G81DTA	08/16/99	OC21V	CHLOROFORM	0.5 J	UG/L	220	225	191.5	196.5
	G81DUA	08/16/99	8330N	{ND on all 19} analytes			230	235	201.5	206.5
	G81DUA	08/16/99	OC21V	{ND on all 44} analytes			230	235	201.5	206.5
	G81DVA	08/17/99	8330N	{ND on all 19} analytes			240	245	211.5	216.5
	G81DVA	08/17/99	OC21V	{ND on all 44} analytes			240	245	211.5	216.5
MW-82	G82DAA	08/17/99	8330N	{ND on all 19} analytes			32	32	2.9	2.9
	G82DAA	08/17/99	OC21V	ACETONE	20 J	UG/L	32	32	2.9	2.9
	G82DAA	08/17/99	OC21V	CHLOROFORM	1	UG/L	32	32	2.9	2.9
	G82DAA	08/17/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	4 J	UG/L	32	32	2.9	2.9
	G82DBA	08/17/99	8330N	{ND on all 19} analytes			40	45	10.9	15.9
	G82DBA	08/17/99	OC21V	ACETONE	10 J	UG/L	40	45	10.9	15.9
	G82DBA	08/17/99	OC21V	CHLOROFORM	1	UG/L	40	45	10.9	15.9
	G82DBA	08/17/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	3 J	UG/L	40	45	10.9	15.9
	G82DCA	08/17/99	8330N	{ND on all 19} analytes			50	55	20.9	25.9
	G82DCA	08/17/99	OC21V	CHLOROFORM	2	UG/L	50	55	20.9	25.9
	G82DCD	08/17/99	8330N	{ND on all 19} analytes			50	55	20.9	25.9
	G82DCD	08/17/99	OC21V	ACETONE	3 J	UG/L	50	55	20.9	25.9
	G82DCD	08/17/99	OC21V	CHLOROFORM	2	UG/L	50	55	20.9	25.9
	G82DDA	08/18/99	8330N	{ND on all 19} analytes			60	65	30.9	35.9
	G82DDA	08/18/99	OC21V	ACETONE	3 J	UG/L	60	65	30.9	35.9
	G82DDA	08/18/99	OC21V	CHLOROFORM	2	UG/L	60	65	30.9	35.9
	G82DEA	08/18/99	8330N	{ND on all 19} analytes			70	75	40.9	45.9

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
	G82DEA	08/18/99	OC21V	ACETONE	6 J	UG/L	70	75	40.9	45.9
	G82DEA	08/18/99	OC21V	CHLOROFORM	2	UG/L	70	75	40.9	45.9
	G82DEA	08/18/99	OC21V	METHYL ETHYL KETONE (2-BUTANONE)	3 J	UG/L	70	75	40.9	45.9
	G82DFA	08/18/99	8330N	{ND on all 19} analytes			80	85	50.9	55.9
	G82DFA	08/18/99	OC21V	CHLOROFORM	3	UG/L	80	85	50.9	55.9
	G82DGA	08/18/99	8330N	{ND on all 19} analytes			90	95	60.9	65.9
	G82DGA	08/18/99	OC21V	CHLOROFORM	2	UG/L	90	95	60.9	65.9
	G82DHA	08/18/99	8330N	{ND on all 19} analytes			100	105	70.9	75.9
	G82DHA	08/18/99	OC21V	CHLOROFORM	2	UG/L	100	105	70.9	75.9
	G82DIA	08/18/99	8330N	{ND on all 19} analytes			110	115	80.9	85.9
	G82DIA	08/18/99	OC21V	CHLOROFORM	2	UG/L	110	115	80.9	85.9
	G82DJA	08/19/99	8330N	{ND on all 19} analytes			120	125	90.9	95.9
	G82DJA	08/19/99	OC21V	CHLOROFORM	0.6 J	UG/L	120	125	90.9	95.9
	G82DKA	08/20/99	8330N	{ND on all 19} analytes			130	135	100.9	105.9
	G82DKA	08/20/99	OC21V	CHLOROFORM	0.5 J	UG/L	130	135	100.9	105.9
	G82DLA	08/23/99	8330N	{ND on all 19} analytes			140	145	110.9	115.9
	G82DLA	08/23/99	OC21V	CHLOROFORM	0.4 J	UG/L	140	145	110.9	115.9
	G82DMA	08/23/99	8330N	{ND on all 19} analytes			150	155	120.9	125.9
	G82DMA	08/23/99	OC21V	{ND on all 44} analytes			150	155	120.9	125.9
	G82DNA	08/23/99	8330N	{ND on all 19} analytes			160	165	130.9	135.9
	G82DNA	08/23/99	OC21V	CHLOROFORM	0.3 J	UG/L	160	165	130.9	135.9
	G82DND	08/23/99	8330N	{ND on all 19} analytes			160	165	130.9	135.9
	G82DND	08/23/99	OC21V	CHLOROFORM	0.4 J	UG/L	160	165	130.9	135.9
	G82DOA	08/24/99	8330N	{ND on all 19} analytes			170	175	140.9	145.9
	G82DOA	08/24/99	OC21V	{ND on all 44} analytes			170	175	140.9	145.9
MW-83	G83DAA	08/18/99	8330N	{ND on all 19} analytes			37	42	0	5
	G83DAA	08/18/99	OC21V	ACETONE	2 J	UG/L	37	42	0	5
	G83DAA	08/18/99	OC21V	CHLOROFORM	1	UG/L	37	42	0	5
	G83DBA	08/18/99	8330N	{ND on all 19} analytes			50	55	13	18
	G83DBA	08/18/99	OC21V	CHLOROFORM	2	UG/L	50	55	13	18
	G83DCA	08/19/99	8330N	{ND on all 19} analytes			60	65	23	28
	G83DCA	08/19/99	OC21V	CHLOROFORM	2	UG/L	60	65	23	28
	G83DDA	08/19/99	8330N	{ND on all 19} analytes			70	75	33	38
	G83DDA	08/19/99	OC21V	CHLOROFORM	1	UG/L	70	75	33	38
	G83DEA	08/19/99	8330N	{ND on all 19} analytes			80	85	43	48
	G83DEA	08/19/99	OC21V	CHLOROFORM	2	UG/L	80	85	43	48
	G83DED	08/19/99	8330N	{ND on all 19} analytes			80	85	43	48
	G83DED	08/19/99	OC21V	CHLOROFORM	2	UG/L	80	85	43	48
	G83DFA	08/19/99	8330N	{ND on all 19} analytes			90	95	53	58
	G83DFA	08/19/99	OC21V	CHLOROFORM	2	UG/L	90	95	53	58
	G83DGA	08/19/99	8330N	{ND on all 19} analytes			100	105	63	68
	G83DGA	08/19/99	OC21V	CHLOROFORM	2	UG/L	100	105	63	68
	G83DHA	08/19/99	8330N	{ND on all 19} analytes			110	115	73	78
	G83DHA	08/19/99	OC21V	CHLOROFORM	1	UG/L	110	115	73	78
	G83DIA	08/19/99	8330N	{ND on all 19} analytes			120	125	83	88
	G83DIA	08/19/99	OC21V	CHLOROFORM	1	UG/L	120	125	83	88
	G83DJA	08/19/99	8330N	{ND on all 19} analytes			130	135	93	98
	G83DJA	08/19/99	OC21V	CHLOROFORM	1	UG/L	130	135	93	98
	G83DKA	08/19/99	8330N	{ND on all 19} analytes			140	145	103	108
	G83DKA	08/19/99	OC21V	CHLOROFORM	0.8 J	UG/L	140	145	103	108
	G83DLA	08/20/99	8330N	{ND on all 19} analytes			150	155	113	118
	G83DLA	08/20/99	OC21V	CHLOROFORM	0.4 J	UG/L	150	155	113	118
	G83DMA	08/20/99	8330N	{ND on all 19} analytes			160	165	123	128
	G83DMA	08/20/99	OC21V	{ND on all 44} analytes			160	165	123	128
	G83DNA	08/20/99	8330N	{ND on all 19} analytes			170	175	133	138
	G83DNA	08/20/99	OC21V	{ND on all 44} analytes			170	175	133	138
	G83DOA	08/23/99	8330N	{ND on all 19} analytes			180	185	143	148
	G83DOA	08/23/99	OC21V	STYRENE	0.4 J	UG/L	180	185	143	148
	G83DOA	08/23/99	OC21V	TOLUENE	0.3 J	UG/L	180	185	143	148
	G83DPA	08/23/99	8330N	{ND on all 19} analytes			190	195	153	158

Appendix E
Western Boundary
Groundwater Profile Results

Location	Sample ID	Date Sampled	Method	Analyte	Concentration	Units	SBD	SED	BWTS	BWTE
	G83DPA	08/23/99	OC21V	TOLUENE	0.3 J	UG/L	190	195	153	158
MW-84	G84DAA	08/25/99	8330N	{ND on all 19} analytes			40	45	1.15	6.15
	G84DAA	08/25/99	OC21V	ACETONE	4 J	UG/L	40	45	1.15	6.15
	G84DBA	08/25/99	8330N	{ND on all 19} analytes			50	55	11.15	16.15
	G84DBA	08/25/99	OC21V	CHLOROFORM	2	UG/L	50	55	11.15	16.15
	G84DBD	08/25/99	8330N	{ND on all 19} analytes			50	55	11.15	16.15
	G84DBD	08/25/99	OC21V	CHLOROFORM	2	UG/L	50	55	11.15	16.15
	G84DCA	08/25/99	8330N	{ND on all 19} analytes			60	65	21.15	26.15
	G84DCA	08/25/99	OC21V	CHLOROFORM	2	UG/L	60	65	21.15	26.15
	G84DDA	08/25/99	8330N	{ND on all 19} analytes			70	75	31.15	36.15
	G84DDA	08/25/99	OC21V	CHLOROFORM	1	UG/L	70	75	31.15	36.15
	G84DEA	08/25/99	8330N	{ND on all 19} analytes			80	85	41.15	46.15
	G84DEA	08/25/99	OC21V	CHLOROFORM	1	UG/L	80	85	41.15	46.15
	G84DFA	08/25/99	8330N	{ND on all 19} analytes			90	95	51.15	56.15
	G84DFA	08/25/99	OC21V	CHLOROFORM	2	UG/L	90	95	51.15	56.15
	G84DGA	08/26/99	8330N	{ND on all 19} analytes			100	105	61.15	66.15
	G84DGA	08/26/99	OC21V	CHLOROFORM	2	UG/L	100	105	61.15	66.15
	G84DHA	08/26/99	8330N	{ND on all 19} analytes			110	115	71.15	76.15
	G84DHA	08/26/99	OC21V	CHLOROFORM	1	UG/L	110	115	71.15	76.15
	G84DIA	08/26/99	8330N	{ND on all 19} analytes			120	125	81.15	86.15
	G84DIA	08/26/99	OC21V	CHLOROFORM	0.7 J	UG/L	120	125	81.15	86.15
	G84DID	08/26/99	8330N	{ND on all 19} analytes			120	125	81.15	86.15
	G84DID	08/26/99	OC21V	CHLOROFORM	0.7 J	UG/L	120	125	81.15	86.15
	G84DJA	08/26/99	8330N	{ND on all 19} analytes			130	135	91.15	96.15
	G84DJA	08/26/99	OC21V	CHLOROFORM	0.6 J	UG/L	130	135	91.15	96.15
	G84DKA	08/26/99	8330N	{ND on all 19} analytes			140	145	101.15	106.15
	G84DKA	08/26/99	OC21V	CHLOROFORM	0.4 J	UG/L	140	145	101.15	106.15
	G84DLA	08/26/99	8330N	{ND on all 19} analytes			150	155	111.15	116.15
	G84DLA	08/26/99	OC21V	CHLOROFORM	0.3 J	UG/L	150	155	111.15	116.15
	G84DMA	08/27/99	8330N	{ND on all 19} analytes			160	165	121.15	126.15
	G84DMA	08/27/99	OC21V	CHLOROFORM	0.3 J	UG/L	160	165	121.15	126.15
	G84DNA	08/27/99	8330N	{ND on all 19} analytes			170	175	131.15	136.15
	G84DNA	08/27/99	OC21V	CHLOROFORM	0.3 J	UG/L	170	175	131.15	136.15
	G84DOA	08/27/99	8330N	{ND on all 19} analytes			180	185	141.15	146.15
	G84DOA	08/27/99	OC21V	CHLOROFORM	0.3 J	UG/L	180	185	141.15	146.15
	G84DPA	08/27/99	8330N	{ND on all 19} analytes			190	195	151.15	156.15
	G84DPA	08/27/99	OC21V	CHLOROFORM	0.3 J	UG/L	190	195	151.15	156.15
	G84DQA	08/27/99	8330N	{ND on all 19} analytes			200	205	161.15	166.15
	G84DQA	08/27/99	OC21V	CHLOROFORM	0.3 J	UG/L	200	205	161.15	166.15
	G84DRA	08/30/99	8330N	{ND on all 19} analytes			208	213	169.15	174.15
	G84DRA	08/30/99	OC21V	{ND on all 44} analytes			208	213	169.15	174.15

SBD = Sample Begin Depth (below ground surface)
SED = Sample End Depth (below ground surface)
BWTS = Sample Begin Depth (below water table)
BWTE = Sample End Depth (below water table)

APPENDIX F

Cost Estimate Back-up Information

Western Boundary Remedial Investigation/Feasibility Study
Summary of Costs

Alternative 1 - No Action

ITEM		TOTAL COST
Capital Cost	Well Abandonment	$ 129,000
	Contingency (20%)	$ 25,800
	Project Management (5%)	$ 6,400
	Remedial Design (7%)	$ 9,030
	Construction Management (6%)	$ 7,740
	Subtotal - Contingency, PM, RD, CM Cost	$ 49,000
	Total Capital Cost	$ 178,000
Operating and Maintenance Costs		
	Total Annual Monitoring Costs	
	Contingency (25% of subtotal)	
	Project Management (5%)	
	Technical Support (15%)	
	Total Present Worth of Operating and Maintenance Costs	
Project Site Closeout Documentation		
	Project Site Closure Report	$ 100,000
	Total Cost of No Action	**$ 278,000**

Note: Discrepancies between summary costs and detailed costs may occur due to rounding.

Alternative 2 - Long-term Management

ITEM		TOTAL COST
Capital Cost		
	A. Well Abandonment	$ 129,000
	Contingency (20%)	$ 25,800
	Project Management (2%)	$ 6,400
	Remedial Design (3%)	$ 9,030
	Construction Management (3%)	$ 7,740
	Subtotal - Contingency, PM, RD, CM Cost	$ 49,000
	Total Capital Cost	$ 178,000

Western Boundary Remedial Investigation/Feasibility Study
Summary of Costs

Operating and Maintenance Costs

Total Annual Monitoring Costs for 3-Year Activities	$ 45,000	
Contingency (25% of subtotal)	$ 11,250	
Project Management (5%)	$ 2,250	
Technical Support (15%)	$ 6,750	
Total Operating and Maintenance Costs		$ 65,000

Project Site Closeout Documentation

Project Site Closure Report		$ 100,000
Total Cost of Alternative 2 - Long-term Management		**$ 343,000**

Note: Discrepancies between summary costs and detailed costs may occur due to rounding.

APPENDIX G

Summary of the Perchlorate Plume Modeling and Analysis

Appendix G
Western Boundary Perchlorate Plume Modeling and Analysis

1.0 INTRODUCTION

The objective of this groundwater modeling analysis was to evaluate the potential migration of a low concentration (less than 3 ug/L) plume of perchlorate present in the Western Boundary Study Area (Western Boundary) of MMR. Details on the plume and the hydrogeological setting are summarized in the main body of this report. The objectives of the modeling analysis include the following: 1) predict future plume migration paths, including rate of movement for groundwater flow and contaminant migration and 2) simulate the fate and transport of the perchlorate plume under a monitored natural attenuation condition.

This groundwater flow modeling effort was based on the most recently updated regional model for MMR – MMR-10NW. In order to more accurately simulate the plume migration, a subregional model was constructed. The subregional model covers a much smaller area than the regional model but incorporates the same groundwater flow field and input parameters for the defined area. This allows for a tighter discretization of the plume and a more efficient solute transport analysis.

2.0 MODEL CODE SELECTION AND CONFIGURATION

2.1 Model Code Selection

Groundwater Vistas, Version 4.25 Build 12, was used as the pre- and post-processor for the subregional groundwater model, particle tracking and solute transport modeling. The USGS modular finite-difference groundwater flow model, MODFLOW (Harbaugh and McDonald, 1996, McDonald and Harbaugh, 1988), was used to simulate groundwater flow. MODFLOW, the most widely used groundwater modeling program, can be coupled with particle tracking and solute transport models and has been used extensively at MMR. The regional model, MMR-10NW, is also a MODFLOW based model.

Particle tracking analyses were conducted using the USGS particle tracking code MODPATH (Pollack, 1989 and 1994). MODPATH, a well-documented public domain code designed to work with outputs from MODFLOW, is also widely used in the environmental industry.

The modular three-dimensional multi-species transport model MT3DMS (Zheng and Wang, 1999) was used to simulate the fate and transport of perchlorate. The program accounts for solute transport by advection, dispersion, diffusion and basic chemical transformations. MT3DMS is also a widely used public domain model and designed to use flow outputs from MODFLOW.

2.2 Western Boundary Subregional Model

The updated regional groundwater flow model, MMR-10NW (utilized to support groundwater modeling for the Western Boundary RI), was used to construct a subregional model to simulate local groundwater flow and contaminant transport for the Western Boundary. The subregional model was developed in order to create a finer grid discretization for the solute transport modeling. The finer grid in the area of the plume provides a greater level of accuracy and the smaller model domain makes the analysis more computationally efficient.

The subregional model was created by a technique known as Telescopic Mesh Refinement (TMR). Groundwater Vistas constructs subregional models by extracting boundary conditions and hydraulic parameter distributions from the regional model and projecting those values onto the local grid of the subregional model. The node sizes in the regional MMR-10NW model were a uniform 330 by 330 feet. The sub-model incorporates a uniform grid size of 100 by 100 feet. Grid orientation was the same as that used for the regional model (Figure G.2-1).

Some minor changes were made to the model layers. The MMR-10NW model had 11 layers, most of which had a uniform thickness of 20 feet. All model layers have horizontal top and bottom elevations except the bottom layer which corresponds to the interpreted top of bedrock and the uppermost model layer is defined by the slope of the water table. In order to define the perchlorate plume more accurately in the vertical dimension, two of the layers (MMR-10NW layers 2 and 3) were subdivided into four layers with a uniform thickness of 10 feet. As a result of these changes, the subregional model simulates the aquifer in 13 layers.

2.3 Boundary Conditions

Boundary conditions in the subregional model are identical to those in MMR-10NW with the exception of those areas where the subregional model was cut out from the regional model. At those boundaries, the regional flow fields were replaced by constant head boundaries. This maintains the water levels and flow fields from the regional model.

2.4 Aquifer Properties

No changes were made to aquifer parameters in the subregional model.

2.5 Flow Model Calibration

While the subregional model was derived from a calibrated flow model (MMR-10NW), the calibration of the subregional model was confirmed by comparing the model results to water levels in the immediate area surrounding the northeastern perchlorate plume. Monitoring wells in the vicinity of the plume were selected as targets. Locations of the target wells are shown in Figure G.2-1.

Water level data was available primarily between 2002 and 2005, as wells in this area were installed between 2002 through 2004 in response to perchlorate detections in supply wells in the town of Bourne's Monument Beach Wellfield.

Water level targets were imported into Groundwater Vistas. The residuals, a measure of the difference between model calculated and model predicted heads, were summed and subsequently squared by the Groundwater Vistas calibration routine. The target water levels, model residuals and statistics are summarized in Table G.2-1. Based on the calibration statistics, the subregional model appears to be reasonably well-calibrated as defined by the Residual Standard Deviation divided by the Range in Head being less than an accepted value of 10%.

2.6 Delineation of Plume Shell

The contaminant of concern for the Western Boundary plume is perchlorate. The MassDEP has issued a final drinking water standard for perchlorate of 2 ug/L. A number of the Western Boundary wells continue to be monitored for perchlorate under the latest Interim Groundwater Monitoring Plan. The RI portion of the report presented a complete summary and evaluation of validated laboratory results and

reported perchlorate was detected at MW-233M3 on December 9, 2005 at 1.3 ug/L. Since the publishing date, wells were sampled again in May and November of 2006 and perchlorate concentrations at MW-233M3 of 2.8 and 1.2 ug/L were reported, respectively. The November 2006 sampling period was used as the data cut-off date for the model plume shell.

As summarized in this memorandum and detailed in the main body of the report, the northeastern plume was identified as having perchlorate detections above the MMCL at well MW-233M3 and MW-267M1. MW-233M3 had detections from the start of monitoring in October 2002 through the present and MW-267M1 has had detections from the start of monitoring in May 2003 until February 2005. Both wells have had concentrations ranging from 2 to 3 ug/L. Upgradient wells MW-285 and the Range Control supply well (RANGECON), downgradient well MW-268, and well clusters MW-257, MW-280, and MW-282 to the north have not had any perchlorate detections since the start of monitoring in 2003. Historic detections have been represented as migrating westward with groundwater flow at an average rate of 1 foot per day.

A particle tracking analysis was conducted in order to estimate the potential migration of the plume since the last perchlorate detections (over 2 ug/L) at well MW-233 approximately one year ago. Particles were initiated at the location of MW-233 at elevations corresponding to the top and bottom of the well screen at MW-233M3, where the highest concentrations were detected. MODPATH was run in forward tracking mode and path line information was post processed in Groundwater Vistas. The results were used to determine the downgradient extent of the leading edge of the plume. Results indicate the perchlorate plume migrated approximately 370 feet westward and approximately 5 feet deeper in the aquifer. Groundwater containing perchlorate migrates deeper in the aquifer as it moves downgradient, due to aquifer characteristics and the accretion of infiltrating rainwater.

Particles were then initiated at elevations corresponding to the top and bottom of the well screen at MW-267M1 and MODPATH was run in forward tracking mode for a 3 year and 9 month time period to represent that last time perchlorate was detected above 2 ug/L in this well. The data was post processed in Groundwater Vistas and used to approximate the current extent of the plume. Actual field data collected in MW-233M3 was used to better define the upgradient end of the plume at concentrations above 2 ug/L.

Cross section D-D' (the 'northeastern plume') from the Draft Western Boundary RI (AMEC 2006a) was revised to present the extent of contamination along the perchlorate plume's center line (Figure G.2-2). This representation incorporates the May and November 2006 sampling results. Due to the lack of perchlorate detections in wells to the north (MW-257, 280, and 282), a traverse of the plume was rendered from the plume depicted in the RI. Figure G.1-1 shows the plume in plan view

The plume shell plan view and cross-section view were used to develop a series of plume shell maps on a layer-by-layer basis. The plume was assumed to have a uniform concentration of 2 ug/L, which is a conservative assumption since well concentration history indicates many detections/pulses of perchlorate dipping below 2 ug/l. The individual plume shells were then imported on a layer by layer basis into Groundwater Vistas and used as initial perchlorate concentrations in the transport model. Summing up the plume volume in the individual layers yields an estimated perchlorate plume volume of 57,072,400 gallons.

3.0 FATE AND TRANSPORT MODELING

The calibrated groundwater flow and contaminant transport subregional model for the Western Boundary was used as the basis for performing design simulations to evaluate various remedial scenarios.

3.1 Initial Conditions

Because the concentrations of perchlorate are so low and variable and were not seen to rise above 2.9 ug/L, it was not considered useful to attempt to three-dimensionally quantify the small variations in perchlorate concentration. Instead, it was considered conservative to assume a uniform concentration throughout the plume shell of 2 ug/L. In accordance with the three dimensional estimate of the plume shell discussed above, the initial concentration of 2 ug/L was distributed across layers 3, 4 and 5 of the model.

3.2 Solute Transport Parameters

A porosity value of 0.32 was used for all solute transport modeling (as well as for particle track modeling). This effective porosity value is consistent with that used by ECC/Jacobs for other sites at MMR. This value is also consistent with the effective porosity used by AMEC in their velocity calculations for the Northwest Corner RI (AMEC, 2006b).

Longitudinal, transverse and vertical dispersivity values of 3.00, 0.06 and 0.005 feet, respectively, were used for all solute transport simulations. These values are consistent with estimated dispersivity values developed by Garabedian et al. (1988) and with dispersivity values used in modeling efforts at the Demo 1 Area (AMEC, 2005).

Perchlorate is known to be a highly mobile anion and not significantly retarded (Urbansky, 2000). Biodegradation of perchlorate is not thought to be significant at MMR based on comprehensive literature review of published studies. Thus retardation and biodegradation were not considered in the transport simulation and perchlorate was assumed to migrate at the groundwater seepage velocity.

3.3 Solute Transport Model Simulations

3.3.1 No Action Scenario

For the no action scenario, the subregional groundwater flow model was run under average steady state conditions and the perchlorate plume was allowed to move through the flow system by advection, dispersion and diffusion. Advection was calculated by the finite difference solution scheme with upstream weighting and a Courant number of 1. The initial time step was 0.1 days, the time step multiplier was 1.2 and the maximum time step was set at 10 days. A time series of perchlorate isopleths for 0, 1, 5, and 10 years are shown in Figure G.3-1. Perchlorate concentrations drop below 2 ug/L in the first year and in approximately 10 years, the perchlorate concentrations decrease below the detectable level of 0.35 ug/L.

4.0 REFERENCES

AMEC, 2006a. Impact Area Groundwater Study Program, Draft Western Boundary Remedial Investigation Report. AMEC Earth and Environmental, Inc. Westford, MA.

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Table G.2-1. Calibration Targets, Residuals and Statistics

Well Name	Layer	Observed Water Elev. (ft)	Computed Water Elev. (ft)	Residual (ft)
MW-257M2	6	51.26	50.61	0.65
MW-257M1	10	50.36	50.56	-0.20
MW-267	2	58.56	57.81	0.75
MW-268	5	49.20	46.71	2.49
MW-269M1	3	55.52	54.43	1.09
MW-269M2	1	55.53	54.45	1.08
MW-280M1	8	53.49	53.06	0.43
MW-280M2	4	54.01	53.11	0.90
MW-280M3	2	54.06	53.13	0.93
MW-81D	11	46.71	46.55	0.16
MW-81M1	8	43.91	46.65	-2.74
MW-81M2	6	48.17	46.69	1.48
MW-81M3	3	47.58	46.73	0.85
MW-81S	1	47.28	46.76	0.52

Residual Mean	0.60
Res. Std. Dev.	1.11
Sum of Squares	22.14
Abs. Res. Mean	1.02
Min. Residual	-2.74
Max. Residual	2.49
Range in Target Values	14.65
Std. Dev./Range	0.08

APPENDIX H

Project Note – 2006 Western Boundary Interim Groundwater Monitoring Plan

Client, Project and Location	Project Note	
Impact Area Groundwater Study Program **National Guard Bureau** **Camp Edwards, Massachusetts**		

Confirmation of		
☒ Project Note – Western Boundary Interim GMP ☐ ☐	Date Held Location Date Issued Recorded By	Not applicable Not applicable September 6, 2006
Subject **WESTERN BOUNDARY INTERIM GROUNDWATER MONITORING PLAN**	Issued By Impact Area Groundwater Study Program	

Item	Remarks	Action Required By
1.0	**INTRODUCTION** This Project Note describes the Interim Groundwater Monitoring Plan (GMP) for the Western Boundary commencing in 2006. This Interim GMP will be updated as needed based on additional findings or changes in investigation phase. The investigation of the Western Boundary is reviewed in Section 2 of this Interim GMP. Monitoring objectives are proposed for groundwater in Section 3 and the monitoring plan is summarized in Section 4.	
2.0	**INVESTIGATION STATUS** The IAGWSP has been monitoring groundwater in the Western Boundary Operable Unit (OU) since 1999. The investigation originally consisted of sampling for a wide range of compounds. By 2002 investigations were focused on perchlorate, and this compound was detected in approximately 15% of the groundwater samples collected and analyzed for this parameter. A Draft Remedial Investigation Report for the Western Boundary Operable Unit (AMEC 2006) was submitted to the USEPA and MADEP on July 21, 2006.	
3.0	**DATA OBJECTIVES** Based on the current understanding of potential groundwater sources and the concentration and extent of groundwater contaminants at the Western Boundary, the following objectives are proposed: 1) Monitor perchlorate trends; 2) Monitor for the presence of explosives compounds; and 3) Monitor for the presence of VOC, SVOC, and metals.	
4.0	**SUMMARY OF MONITORING** Table 1 list wells selected for monitoring under this plan along with monitoring frequencies and parameters. The location of these wells is shown on Figure 1. Method E314.0. will be used for perchlorate analysis while Method 8330N will be used for explosives analysis. Groundwater samples collected for VOC, SVOC, and metals will be analyzed using methods described in the IAGWSP Final Generic Quality Assurance Project Plan (AMEC 2005). This GMP includes two rounds of sampling for 2006. The need for additional	

monitoring beyond these two rounds will be determined based on the finding of the Western Boundary Remedial Investigation Report (AMEC 2006). It is the goal of the IAGWSP to implement a new monitoring program for FY2007 based on the findings of this report. If there are unresolved issues with the RI which impacts timely revisions to the monitoring program the IAGWSP will as a fall back, implement a third sampling round in December 2006. This sampling round will include sampling the following wells for perchlorate: 00-1, 02-01M1, 02-01M2, 02-02S, 02-02M2, 02-02M1, 02-03M1, 02-03M2, 02-03M3, 02-04M1, 02-04M2, 02-04M3, 02-05M1, 02-05M2, 02-05M3, 02-07M3, 02-08M1, 02-08M2, 02-08M3, 02-09M1, 02-09M2, 02-12M1, 02-12M2, 02-12M3, 02-13M1, 02-13M2, 02-13M3, 4036000-01G, 4036000-03G, 4036000-04G, 4036000-06G, 97-2C, 97-5, MW-80M1, MW-80M2, MW-213M2, MW-213M3, MW-216S, MW-226M2, MW-233M3, MW-267M1, MW-268M1, and MW-276M3.

5.0 REFERENCES

AMEC 2005. Final Generic Quality Assurance Project Plan. Prepared for the U.S. Army Corps of Engineers, Concord, MA, for the U.S. Army/National Guard Bureau, Camp Edwards, MA, by AMEC Earth and Environmental, Westford, MA, April 8, 2005.

AMEC 2006. Draft Western Boundary Remedial Investigation Report. Prepared for the U.S. Army Corps of Engineers, Concord, MA, for the U.S. Army/National Guard Bureau, Camp Edwards, MA, by AMEC Earth and Environmental, Westford, MA, July 21, 2006.

6.0 SIGNATURES

The signatures below represent concurrence with the above documentation.

EPA Representative

DEP Representative 9/14/06

Impact Area Groundwater Study Program 6 SEP 06


Impact Area
Groundwater Study Program
LEGEND
Existing Monitoring Well
Existing Water Supply Well
Proposed Water Supply Well
Monitoring Wells Outside Study Area
Groundwater Elevation Countours, AMEC MMR-10 Model (In Feet Above NGVD)
Western Boundary Study Area
LOCATION MAP
NOTES & SOURCES
Map Coordinates: Stateplane, NAD83, FIPS Zone 2001, Meters
Orthophotography: 1:3000 digital black & white orthophotos
Resolution: 0.5 meter; Date Flown: 1994; Source: MassGIS
TITLE
Groundwater
Sample Locations
0
2,000
Feet
DRAFT
AMEC Earth & Environmental, Inc.
Westford, Massachusetts
FIGURE
1

Table 1
Summary of Western Boundary Interim Groundwater Monitoring Plan

Well ID	Event	Explos-N	Explos-NX	VOCs	SVOCs	Pesticides	Herbicides	Metals	Perchlorate	Gross Alpha	Dyes	Thall/Antim	DW Param.	Notes
00-1	1-Apr-06								x					
00-1	1-Aug-06								x					Downgradient well
00-1D-2in														No sampling - There have been no previous detections in this well.
00-2														No sampling - Well likely too shallow to intercept contamination in this area
00-4														No sampling - 1 previous detection, well not in appropriate location to monitor plume.
00-4DA														Well cannot be sampled due to obstruction in well casing.
00-4DB														Well cannot be sampled due to obstruction in well casing.
00-5														No sampling - There have been no previous detections in this well. Well upgradient of plume.
00-6														No sampling - There have been no previous detections in this well.
00-7														No sampling - 1 previous detection, well not in appropriate location to monitor plume.
01-1A														No sampling - 3 previous detections. Well not in appropriate location to monitor plume.
01-2A														No sampling - 4 previous detections. Well not in appropriate location to monitor plume.
02-01M1	1-Apr-06								x					
02-01M1	1-Aug-06								x					Sentinel well for Supply Well #3
02-01M2	1-Apr-06								x					
02-01M2	1-Aug-06								x					Sentinel well for Supply Well #3
02-02S	1-Apr-06								x					
02-02S	1-Aug-06								x					Sentinel well for Supply Well #3
02-02M2	1-Apr-06								x					
02-02M2	1-Aug-06								x					Sentinel well for Supply Well #3
02-02M1	1-Apr-06								x					
02-02M1	1-Aug-06								x					Sentinel well for Supply Well #3
02-03M1	1-Apr-06								x					
02-03M1	1-Aug-06								x					Sentinel well for Supply Well #4
02-03M2	1-Apr-06								x					
02-03M2	1-Aug-06								x					Sentinel well for Supply Well #4
02-03M3	1-Apr-06								x					
02-03M3	1-Aug-06								x					Sentinel well for Supply Well #4
02-04M1	1-Apr-06								x					
02-04M1	1-Aug-06								x					Sentinel well for Supply Well #4
02-04M2	1-Apr-06								x					
02-04M2	1-Aug-06								x					Sentinel well for Supply Well #4
02-04M3	1-Apr-06								x					
02-04M3	1-Aug-06								x					Sentinel well for Supply Well #4
02-05M1	1-Apr-06								x					
02-05M1	1-Aug-06								x					Sentinel well for Supply Well #6
02-05M2	1-Apr-06								x					
02-05M2	1-Aug-06								x					Sentinel well for Supply Well #6

Table 1
Summary of Western Boundary Interim Groundwater Monitoring Plan

Well ID	Event	Explos-N	Explos-NX	VOCs	SVOCs	Pesticides	Herbicides	Metals	Perchlorate	Gross Alpha	Dyes	Thal/Antim	DW Param.	Notes
02-05M3	1-Apr-06								x					
02-05M3	1-Aug-06								x					Sentinel well for Supply Well #6
02-07M1														No Sampling - Well screen not at appropriate depth to monitor plume.
02-07M2														No Sampling - Well screen not at appropriate depth to monitor plume.
02-07M3	1-Apr-06								x					
02-07M3	1-Aug-06								x					Cross-gradient/downgradient well
02-08M1	1-Apr-06								x					
02-08M1	1-Aug-06								x					Cross-gradient/downgradient well
02-08M2	1-Apr-06								x					
02-08M2	1-Aug-06								x					Cross-gradient/downgradient well
02-08M3	1-Apr-06								x					
02-08M3	1-Aug-06								x					Cross-gradient/downgradient well
02-09M1	1-Apr-06								x					
02-09M1	1-Aug-06								x					Located in plume - primary well
02-09M2	1-Apr-06								x					
02-09M2	1-Aug-06								x					Located in plume - primary well
02-09S	1-Apr-06													
02-09S	1-Aug-06								x					Located in plume - secondary well
02-10M1														No sampling - 1 previous detection. Well not in appropriate location to monitor plume.
02-10M2														No sampling - No previous detections. Well not in appropriate location to monitor plume.
02-10M3														No sampling - 2 previous detections. Well not in appropriate location to monitor plume.
02-12M1	1-Apr-06								x					
02-12M1	1-Aug-06								x					Sentinel well for Supply Well #1
02-12M2	1-Apr-06								x					
02-12M2	1-Aug-06								x					Sentinel well for Supply Well #1
02-12M3	1-Apr-06								x					
02-12M3	1-Aug-06								x					Sentinel well for Supply Well #1
02-13M1	1-Apr-06								x					
02-13M1	1-Aug-06								x					Sentinel well for Supply Well #1
02-13M2	1-Apr-06								x					
02-13M2	1-Aug-06								x					Sentinel well for Supply Well #1
02-13M3	1-Apr-06								x					
02-13M3	1-Aug-06								x					Sentinel well for Supply Well #1
02-15M1	1-Apr-06													
02-15M1	1-Aug-06								x					Cross-gradient well

Table 1
Summary of Western Boundary Interim Groundwater Monitoring Plan

Well ID	Event	Explos-N	Explos-NX	VOCs	SVOCs	Pesticides	Herbicides	Metals	Perchlorate	Gross Alpha	Dyes	Thal/Antim	DW Param.	Notes
02-15M2	1-Apr-06													
02-15M2	1-Aug-06								x					Cross-gradient well
02-15M3	1-Apr-06													
02-15M3	1-Aug-06								x					Cross-gradient well
4036000-01G	1-Jan-06	x							x					
4036000-01G	1-Apr-06	x							x					Supply Well
4036000-01G	1-Jul-06	x							x					
4036000-03G	1-Jan-06	x							x					
4036000-03G	1-Apr-06	x							x					Supply Well
4036000-03G	1-Jul-06	x							x					
4036000-04G	1-Jan-06	x							x					
4036000-04G	1-Apr-06	x							x					Supply Well
4036000-04G	1-Jul-06	x							x					
4036000-06G	1-Jan-06	x							x					
4036000-06G	1-Apr-06	x							x					Supply Well
4036000-06G	1-Jul-06	x							x					
97-1														No sampling - 1 previous detection. Well 02-03 provides sufficient coverage in this area.
97-2	1-Apr-06								x					
97-2	1-Aug-06								x					Downgradient Well
97-2B														No sampling - No previous detections.
97-2C	1-Apr-06								x					
97-2C	1-Aug-06								x					Sentinel well
97-2D														No sampling - No previous detections.
97-2E														No sampling - 1 previous detection.
97-2F														No sampling - No previous detections.
97-2G														No sampling - 1 previous detection.
97-3														No sampling - No previous detections. Well too shallow to monitor plume.
97-5	1-Apr-06								x					
97-5	1-Aug-06								x					In plume - Primary well
M-1														No sampling - No previous detections. Well not in appropriate location to monitor plume.
M-2														No sampling - No previous detections. Well not in appropriate location to monitor plume.
M-3														No sampling - 1 previous detection. Well not in appropriate location to monitor plume.
M-4														No sampling -No previous detections. Well not in appropriate location to monitor plume.
M-5														No sampling - No previous detections. Well not in appropriate location to monitor plume.
M-6														No sampling - 2 previous detections. Well not in appropriate location to monitor plume.
M-7														No sampling - No previous detections. Well not in appropriate location to monitor plume.
MW-80D	1-Apr-06	x		x	x			x	x					Comprehensive Annual Event well and in plume Secondary well
MW-80D	1-Aug-06													

Table 1
Summary of Western Boundary Interim Groundwater Monitoring Plan

Well ID	Event	Explos-N	Explos-NX	VOCs	SVOCs	Pesticides	Herbicides	Metals	Perchlorate	Gross Alpha	Dyes	Thal/Antim	DW Param.	Notes
MW-80M1	1-Apr-06	x		x	x			x	x					Comprehensive Annual Event well and in plume Primary well
MW-80M1	1-Aug-06								x					
MW-80M2	1-Apr-06	x		x	x			x	x					Comprehensive Annual Event well and in plume Primary well
MW-80M2	1-Aug-06								x					
MW-80M3	1-Apr-06	x		x	x			x	x					Comprehensive Annual Event well and in plume Secondary well
MW-80M3	1-Aug-06													
MW-80S	1-Apr-06	x		x	x			x	x					Comprehensive Annual Event well and in plume Tertiary well
MW-80S	1-Aug-06													
MW-81D														No Sampling - Consistent non-detections.
MW-81M1														No Sampling - Consistent non-detections.
MW-81M2														No Sampling - Consistent non-detections.
MW-81M3														No Sampling - Consistent non-detections.
MW-81S														No Sampling - Consistent non-detections.
MW-82D	1-Apr-06	x		x	x			x	x					Comprehensive Annual Event well and Cross-gradient well
MW-82D	1-Aug-06													
MW-82M1	1-Apr-06	x		x	x			x	x					Comprehensive Annual Event well and Cross-gradient well
MW-82M1	1-Aug-06													
MW-82M2	1-Apr-06	x		x	x			x	x					Comprehensive Annual Event well and Cross-gradient well
MW-82M2	1-Aug-06													
MW-82M3	1-Apr-06	x		x	x			x	x					Comprehensive Annual Event well and Cross-gradient well
MW-82M3	1-Aug-06													
MW-82S	1-Apr-06	x		x	x			x	x					Comprehensive Annual Event well and Cross-gradient well
MW-82S	1-Aug-06													
MW-213M1	1-Apr-06													
MW-213M1	1-Aug-06								x					Located in plume - Secondary well
MW-213M2	1-Apr-06	x		x	x			x	x					Comprehensive Annual Event and Primary well
MW-213M2	1-Aug-06								x					
MW-213M3	1-Apr-06	x		x	x			x	x					Comprehensive Annual Event and Primary well
MW-213M3	1-Aug-06								x					
MW-216M1	1-Apr-06	x												
MW-216M1	1-Aug-06								x					Located in plume - Tertiary well
MW-216M2	1-Apr-06	x							x					
MW-216M2	1-Aug-06								x					Located in plume - Secondary well
MW-216S	1-Apr-06	x							x					
MW-216S	1-Aug-06								x					Located in plume - Primary well
MW-219M1														No sampling - No previous detections. Well not in appropriate location to monitor plume.
MW-219M2														No sampling - No previous detections. Well not in appropriate location to monitor plume.
MW-219M3														No sampling - No previous detections. Well not in appropriate location to monitor plume.

Table 1
Summary of Western Boundary Interim Groundwater Monitoring Plan

Well ID	Event	Explos-N	Explos-NX	VOCs	SVOCs	Pesticides	Herbicides	Metals	Perchlorate	Gross Alpha	Dyes	Thal/Antim	DW Param.	Notes
MW-219M4														No sampling - No previous detections. Well not in appropriate location to monitor plume.
MW-226M1	1-Apr-06													
MW-226M1	1-Aug-06								x					Located in plume - Secondary well
MW-226M2	1-Apr-06	x							x					
MW-226M2	1-Aug-06								x					Located in plume - Primary well
MW-226M3	1-Apr-06								x					
MW-226M3	1-Aug-06								x					Located in plume - Secondary well
MW-233M1	1-Apr-06													
MW-233M1	1-Aug-06								x					Located in plume - Tertiary well
MW-233M2	1-Apr-06								x					
MW-233M2	1-Aug-06								x					Located in plume - Secondary well
MW-233M3	1-Apr-06	x		x	x			x	x					Comprehensive Annual Event and Primary well
MW-233M3	1-Aug-06								x					
MW-257M1														No sampling - No previous detections. Well not in appropriate location to monitor plume.
MW-257M2														No sampling - No previous detections. Well not in appropriate location to monitor plume.
MW-267M1	1-Apr-06	x							x					
MW-267M1	1-Aug-06								x					Located in plume - Primary well
MW-268M1	1-Apr-06								x					
MW-268M1	1-Aug-06								x					Downgradient well
MW-269M1	1-Apr-06													
MW-269M1	1-Aug-06								x					Cross-gradient well
MW-269M2	1-Apr-06													
MW-269M2	1-Aug-06								x					Cross-gradient well
MW-276M1	1-Apr-06	x												Located in Plume - Tertiary Well. Explosive analysis added at the request of EPA.
MW-276M2	1-Apr-06	x												
MW-276M2	1-Aug-06								x					Located in plume - Secondary well
MW-276M3	1-Apr-06	x							x					
MW-276M3	1-Aug-06								x					Located in plume - Primary well
MW-280M1	1-Apr-06													
MW-280M1	1-Aug-06								x					Cross-gradient well
MW-280M2	1-Apr-06													
MW-280M2	1-Aug-06								x					Cross-gradient well
MW-280M3	1-Apr-06													
MW-280M3	1-Aug-06								x					Cross-gradient well
MW-282M1	1-Apr-06													
MW-282M1	1-Aug-06								x					Cross-gradient well
MW-282M2	1-Apr-06													
MW-282M2	1-Aug-06								x					Cross-gradient well

Table 1
Summary of Western Boundary Interim Groundwater Monitoring Plan

Well ID	Event	Explos-N	Explos-NX	VOCs	SVOCs	Pesticides	Herbicides	Metals	Perchlorate	Gross Alpha	Dyes	Thal/Antim	DW Param.	Notes
MW-285M1														No Sampling - No previous detections. Well upgradient of plume.
MW-308M1														No Sampling - No previous detections. Well MW-276 provides sufficient coverage for this area.
MW-308M2														No Sampling - No previous detections. Well MW-276 provides sufficient coverage for this area.
MW-316S														No Sampling - No previous detections. Well upgradient of plume.
MW-317S														No Sampling - No previous detections. Well upgradient of plume.
MW-317M1														No Sampling - No previous detections. Well upgradient of plume.
TW1-88A														No sampling. Well 02-13 provides sufficient coverage in this area.
TW1-88B														No sampling. Well 02-13 provides sufficient coverage in this area.
Spring 1														No sampling. No previous detections. Plume is deeper than sample point.