WEEKLY PROGRESS UPDATE
FOR AUGUST 29-SEPTEMBER 4, 1997

EPA REGION I ADMINISTRATIVE ORDER SDWA I-97-1019
MASSACHUSETTS MILITARY RESERVATION
TRAINING RANGE AND IMPACT AREA

The following summary of progress is for the period from August 29 to September 4, 1997.

1. SUMMARY OF ACTIONS TAKEN

UXO Survey

Ogden and CMS Environmental (the UXO contractor) completed UXO Survey work on the site during the week. Work this week focussed on UXO avoidance flagging at 30' x 30' soil sampling grid locations. A safety separation distance of 1200 feet is used between CMS personnel engaged in UXO investigation/removal and other personnel in the Impact Area. The following roads and staging areas have been cleared by UXO removal to date:

Wheelock Road, from the entrance to the Impact Area east to Chadwick Road.
A drilling decontamination pad at the corner of Wheelock and Turpentine.
Turpentine Road, from Wheelock Road to Area 3 ("Site 1 Target Area")
Drilling location for MW-1 with a vehicle turnaround at Area 3.
Chadwick Road, from Wheelock Road north to Barlow Road.
The east end of Tank Alley, from Chadwick to Area 4 ("Mounds").
Barlow Road, from Chadwick Road north to Jefferson Road.
Wood Road, from Barlow Road west to Area 1 ("Valley").
Spruce Swamp Road, from Wheelock Road to Pocasset-Sandwich Road.
Pocasset-Sandwich Road, from Spruce Swamp Road north to Five Corners.
Pocasset-Sandwich Road (Knot Hollow Road), from Five Corners north to Jefferson Road.
Jefferson Road from Barlow to Spruce Swamp Road.
Gravel staging area at Five Corners.
Turpentine Road, from Five Corners south to Area 2 ("Site 3/Target Area").
Gravel staging area at the corner of Barlow and Wood Roads.
Gravel staging area at the corner of Wheelock and Spruce Swamp Roads.
Indian Trail Road, from Tank Alley south to the access road to MW-13.
Access road from Indian Trail Road to the drilling pad at MW-13.
Gun and Mortar positions.

Surface clearance activities have also been completed at all of the 21 Barber Rig drilling locations in the Impact Area and Demo Areas. Downhole UXO clearance has been completed at 16 of the 21 locations including MW-1, MW-4, MW-5, MW-6, MW-7, MW-8, MW-9, MW-11, MW-12, MW-14, MW-15, MW-16, MW- 25, MW-27, MW-28, and MW-29, by advancing 10-foot deep boreholes at each drilling location. UXO recovered during clearance activities are summarized in Table 1. Downhole clearance will not be needed at MW-2 because this area was excavated to 12 feet in the course of performing UXO clearance. Downhole clearance remains to be performed at MW-3 (awaiting road building), MW-13 (awaiting road building), MW-19, and MW-26.

UXO present at Spruce Swamp Road, Pocasset-Sandwich Road, and drilling locations MW-1, MW- 6, and MW-27 were destroyed on July 25. Some UXO are still present at Demo Area 1 from the surface clearance operations initiated in June, and additional UXO has been discovered in Areas 2 and 3, on Indian Trail Road, and at Mortar Position 8, after July 25. One round in location MW-27 was inadvertently not destroyed on July 25.

Drilling

Ogden and D.L. Maher (the drilling subcontractor) continued drilling work on the site. TRC (EPA's oversight contractor) was present for oversight of drilling activities. As of September 4 the sonic rig was drilling at MW-18 at a depth of 236 feet, one of the Barber rigs was drilling at MW-1 at a depth 252 feet bgs, and the other Barber rig was drilling at MW-15 at a depth of 230 feet bgs. Table 4 presents a summary of wells completed to date.

Well development was completed at MW-4 shallow (S), MW-7S and MW-7 deep (D). Well development was previously completed at MW-23S, MW-23D, MW-14S, MW-28S, MW-29S, MW-12S, MW-11S, and MW-10D.

Sampling and Analysis

Soil and groundwater samples have been analyzed or submitted for borings at MW-1, MW-3, MW- 4, MW-5, MW-6, MW-7, MW-10, MW-11, MW-12, MW-14, MW-15, MW-16, MW-17, MW-18, MW-23, MW-26, MW-27, MW-28, and MW-29. The types of samples being analyzed, dates of submittal, and preliminary results are summarized in Table 3. All results in Table 3 are unvalidated. Concentrations of specific compounds will be presented in tabular form after the results for all samples in a sample data group are available and have been validated. A revised map showing locations of borings is provided as Figure 1.

Explosive compounds have been detected in soil samples collected from 0-6 inches at MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW- 7, MW-8, MW-9, MW-12, MW-15, MW-19, MW-25, MW-26, MW-27, MW-28, and MW-29, using the screening methods. Explosives were also detected in the 10-12 foot interval from MW-1 using the screening method. The results from the

Method 8330 analysis from MW-29, MW-12, MW-4, MW-28, and MW-7 have not detected any explosives above the detection limits. No explosive compounds have been detected in deeper soil samples analyzed to date by screening methods.

RDX was reported at an estimated concentration below the detection limit by the screening method in a groundwater sample collected from 160 feet bgs in MW-17. When this sample was analyzed using Method 8330 no explosive compounds were detected. RDX was detected in groundwater from 120, 130, 162, 202, 222, and 232 feet bgs in MW-1 by screening methods. Explosive compounds were detected using Method 8330 in groundwater samples collected at 120, 130, 140, 150, 162, and 182 feet bgs in MW-7. Groundwater samples collected from MW-1 will be analyzed by Method 8330 until at least two consecutive samples are found to not contain explosives. No explosive compounds have been detected to date in any other groundwater samples analyzed by screening methods.

Trihalomethanes ("THM", including chloroform and dibromochloromethane) have been reported at estimated concentrations below the detection limit in groundwater profiling samples from 240 to 260 feet bgs in the MW-23 boring, and from 185 feet bgs in the MW-10 boring. THM are also present in the potable water source that is used for drilling. Ogden's evaluation of drilling water removal volumes suggests that 150% removal provides the best balance between removing drilling water and overpumping the 10-foot profile interval, and this removal volume will be used for the remainder of the program.

Toluene was detected at an estimated concentration below the detection limit in a groundwater profile sample from 230 feet bgs in the MW-23 boring. This compound was not detected in profile samples from above or below this interval. Acetone was detected in a soil sample from 140 feet bgs in the MW-10 boring. Based on preliminary validation information it appears that this compound was a lab contaminant and the result will be flagged as an estimated non-detect.

Water Level Measurements

Water level recording devices that were installed in LRWS-2, CS-19 (MW-7E), and CS-10 (AEHA- 11) continue to record water levels.

Plans and Reports

NGB is preparing Field Sampling Plans for the remaining areas identified in the Action Plan. These areas and the status of plans are summarized in Table 2.

2. SUMMARY OF DATA RECEIVED

Daily reports of UXO survey results were received by Ogden during the week and are summarized in section 1 above. Table 1 provides a summary of potential UXO discovered to

date.

Laboratory results for soil and groundwater samples were received during the week and are summarized in Section 1 above. Concentrations for specific compounds will be presented in tabular form after the results for all samples in a sample data group are available and have been validated. The types of samples being analyzed, dates of submittal, and preliminary results are summarized in Table 3. All results in Table 3 are unvalidated.

3. DELIVERABLES SUBMITTED

Deliverables submitted during the reporting period included the following:

Weekly Progress Update (August 22-28)	August 29, 1997
Draft Field Sampling Plan Areas 12 & 13	September 4, 1997
Draft Field Sampling Plan Area 15	September 4, 1997

4. SCHEDULED ACTIONS

One Barber drill rig is expected to finish drilling the deep boring at location MW-15 and then start drilling MW-25. The other Barber drill rig is expected to finish drilling at MW-1 and then start drilling at MW-6. The Sonic rig is expected to finish drilling the deep boring at location MW-18 and then start drilling MW-22. Surface soil sampling is expected to begin next week at Area 3 (vicinity of MW-1).

Table 1
Potential Explosive Ordnance Discovery
Through September 4, 1997

Location	Object Found	Depth (inches)	Disposition
Succonsette Pond, Area 8	2.36" rocket HEAT	surface	destroyed
	81mm mortar HE	4	destroyed
	60mm mortar HE	6	destroyed
	60mm mortar HE	5	destroyed
Turpentine Road	81mm mortar HE	18	destroyed
	105mm projectile HE	12	destroyed
MW-1 (Area 3)	105mm projectile HE	14	destroyed
Spruce Swamp Road	2" HE mortar	0.5	destroyed
	2" HE mortar	1.5	destroyed

Table 1
Potential Explosive Ordnance Discovery
Through September 4, 1997

Location	Object Found	Depth (inches)	Disposition
	2“ HE mortar	2	destroyed
	2" HE mortar	8	destroyed
Sandwich Road	105mm projectile WP	6	destroyed
MW-26 (Area 2, east side)	105mm projectile HE		destroyed
	155mm projectile HE		destroyed
	105mm projectile HE	surface	left in place
	105mm projectile HE	surface	left in place
Demo Area 1	30mm projectile HE	surface	relocated
	30mm projectile HE	surface	relocated
	30mm projectile HE	surface	relocated
	3.5" rocket HEAT	surface	relocated
MW-27	105mm projectile HEAT	20	destroyed
	105mm projectile HEAT	3	destroyed
	105mm projectile HEAT	surface	left in place
MW-6	105mm projectile HEAT	6	destroyed
	105mm projectile HEAT	3	destroyed
	105mm projectile HE	4	destroyed
	81mm mortar HE	8	destroyed
	105mm projectile HEAT	3	destroyed
	105mm projectile HEAT	surface	destroyed
	60mm mortar HE	24	destroyed
	60mm mortar HE	24	destroyed
MW-29	60mm mortar HE		destroyed
MW-3	155mm ejection	surface	left in place
MW-2	155mm ejection	surface	relocated

Table 1
Potential Explosive Ordnance Discovery
Through September 4, 1997

Location	Object Found	Depth (inches)	Disposition
	155mm ejection	8	left in place
	155mm projectile HE	surface	left in place
	81mm mortar HE	8	left in place
	81mm mortar Illum.	18	left in place
Indian Trail Road	81mm mortar HE	6	left in place
	81mm mortar HE	8	left in place
	4.5" Hedge Hog rkt HE	16	left in place
	4.5" Hedge Hog rkt HE	8	left in place
Mortar Position 8	40mm M918 Training	surface	relocated

Table 2
Summary of Sampling Areas and Field Sampling Plan Status
As of September 4, 1997

Area[a]	Well No. (depth)	Location name/Description in Action Plan	Sample methods/media	FSP status
1	3 (S/I/D)	Area of Depression w/ Ground Scar	barber rig (soil) hand auger (soil) groundwater	final 7/18 draft 8/11
2	2 (S/I/D), 26 (S)	Site 3/Target Area/Burn Area	barber rig (soil) hand auger (soil) groundwater	final 7/18 final 8/1
3	1(S/I/D)	Site 1 Target Area	barber rig (soil) hand auger (soil) groundwater	final 7/18 final 8/1
4	27 (S)	Site 4 Mounds	barber rig (soil) hand auger (soil) groundwater	final 7/18 draft 8/15
5		Site 5	hand auger (soil)	

Table 2
Summary of Sampling Areas and Field Sampling Plan Status
As of September 4, 1997

Area[a]	Well No. (depth)	Location name/Description in Action Plan	Sample methods/media	FSP status
6	7 (S/I/D)	Burn Area (southeast of Turpentine)	barber rig (soil) hand auger (soil) groundwater	final 7/18 draft 8/11
7	8(S)	Burn Areas (southwest of Turpentine)	barber rig (soil) hand auger (soil) groundwater	final 7/18 draft 8/11
8		Succonsette Pond	sediment/surface water hand auger (soil)	draft 8/11
9	4 (S)	(well on Pocasset Road north of Five Corners)	barber rig (soil) hand auger (soil: control area) groundwater	final 7/18 draft 8/19
10	5 (S/I/D)	(well north of Wood Road)	barber rig (soil) hand auger (soil: control area) groundwater	final 7/18 draft 8/19
11	25 (S)	(well southeast of CS-19)	barber rig (soil) hand auger (soil: control area) groundwater	final 7/18 draft 8/19
	6 (S)	(well north of Area 5)	barber rig (soil) groundwater	final 7/18
12	19 (S/D)	Demo Area 1	barber rig (soil) hand auger (soil) groundwater	final 7/18 draft 9/4
13	16 (S/D)	Demo Area 2	barber rig (soil) hand auger (soil) groundwater	final 7/18 draft 9/4
14		(access road to MW-7)	hand auger (soil: control area)	draft 8/19
	9 (S)	none (well southwest of CS-19)	barber rig (soil) groundwater	final 7/18
	10 (S/I/D)	none (well on west Jefferson Road)	rotosonic rig (soil) groundwater	final 7/18
	11 (S)	none (well midway along Jefferson)	barber rig (soil) groundwater	final 7/18

Table 2
Summary of Sampling Areas and Field Sampling Plan Status
As of September 4, 1997

Area[a]	Well No. (depth)	Location name/Description in Action Plan	Sample methods/media	FSP status
	12 (S)	none (well on Barlow south of Wood)	barber rig (soil) groundwater	final 7/18
	13 (S/D)	none (well near J-3 range south of Chadwick)	barber rig (soil) groundwater	final 7/18
	14 (S)	none (well at the corner of Wheelock and Turpentine)	barber rig (soil) groundwater	final 7/18
	15 (S/D)	none (well at the corner of Spruce Swamp and Sandwich)	barber rig (soil) groundwater	final 7/18
15		Site 6	hand auger (soil)	draft 9/4
	28 (S)	none (well at corner of Wheelock and Chadwick)	barber rig (soil) groundwater	final 7/18
	29 (S)	none (well at the corner of Barlow and Chadwick)	barber rig (soil) groundwater	final 7/18
	17 (S/D)	none (well southeast of Demo-2)	rotosonic rig (soil) groundwater	final 7/18
	18 (S/I/D)	none (well on east end of Gibbs)	rotosonic rig (soil) groundwater	final 7/18
	20 (S)	none (well on west end of Pocasset Forestdale)	rotosonic rig (soil) groundwater	final 7/18
	21 (S/D)	none (well on south end of Burgoyne)	rotosonic rig (soil) groundwater	final 7/18
	22 (S)	none (well midway on Burgoyne)	rotosonic rig (soil) groundwater	final 7/18
	23 (S/I/D)	none (well north end of Burgoyne)	rotosonic rig (soil) groundwater	final 7/18
	24 (S)	none (well near Rod & Gun Club)	rotosonic rig (soil) groundwater	final 7/18
16		GP-9 (High-use gun position)	hand auger (soil)	
17		Mixed-use gun position	hand auger (soil)	

Table 2
Summary of Sampling Areas and Field Sampling Plan Status
As of September 4, 1997

Area[a]	Well No. (depth)	Location name/Description in Action Plan	Sample methods/media	FSP status
18		Low-use gun position	hand auger (soil)	
19		High-use mortar position	hand auger (soil)	
20		Mixed-use mortar position	hand auger (soil)	
21		Low-use mortar position	hand auger (soil)	
22		Control area near mortar positions	hand auger (soil: control)	
23		Drainage swale (N of Snake Pd.)	hand auger (soil)	
24		Drainage swale (NW of Snake Pd.)	hand auger (soil)	
25		Rod & Gun Club pond	sediment/surface water	
26		Deep Bottom Pond	sediment/surface water	
27		Round Swamp	sediment/surface water	
28		Grassy Pond	sediment/surface water	
29		Ox Pond	sediment/surface water	
30		Donnely Pond	sediment/surface water	
31		Little Halfway Pond	sediment/surface water	
32		Raccoon Swamp/Pond	sediment/surface water (control)	
33		Snake Pond	sediment/surface water	
34		Bailey's Pond	sediment/surface water	
35		Gibbs Pond	sediment/surface water	
36		Opening Pond	sediment/surface water	
37		Bypass Bog	sediment/surface water	
38		Control area near gun positions	hand auger (soil: control)	

Notes: (a) Boring sampling locations do not have unique area numbers

Table 3
Summary of Preliminary Analytical Results (not validated)
As of September 4, 1997

Boring	Sample Type	Explosives	Inorganics	Other Analytes
MW-14	Soil: 0.5 feet	ND[s]	7/30	7/30
	Soil: 2 feet			
	Soil: 10 feet	ND[s]	7/22	7/22
	Soil: 20 feet	ND[s]	7/23	
	Soil: 30, 40, 50, 60, 70, 80, 90 feet	ND[s]	7/23-24	
MW-23	Soil: 40 feet			7/22
	Soil: 70 feet			7/23
	Groundwater: 140, 150, 160, 170, 180, 190, 200, 210	ND[s]		7/24 (V)
	Groundwater: 220	ND[s]		ND (V*)
	Groundwater: 230	ND[s]		Tol (V*)
	Groundwater: 240, 250, 260	ND[s]		THM (V*)
	Groundwater: 270, 280	ND[s]		7/29 (V)
MW-28	Soil: 0.5 feet	TNT/DNT[s] **ND**	7/30	7/30
	Soil: 2 feet	ND[s] **ND**		
	Soil: 10 feet	ND[s]	7/29	7/29
	Soil: 20 feet	ND[s]	7/29	
	Soil: 30, 40, 50, 60, 70, 80, 90 feet		7/29-30	
	Soil: 100 feet		7/30	7/30
MW-7	Soil: 0.5 feet	TNT/DNT[s] **ND**	7/30	7/30
	Soil: 2 feet			

Table 3
Summary of Preliminary Analytical Results (not validated)
As of September 4, 1997

Boring	Sample Type	Explosives	Inorganics	Other Analytes
	Soil: 10 feet	ND[s]	7/30	7/30
	Soil: 20 feet	ND[s]	7/30	
	Soil: 30, 40, 50, 60, 70, 80, 90, 100 feet		7/30-31	
	Groundwater: 130	ND[s]		8/9 (V)
	Groundwater: 140, 150, 160, 165	ND[s]		8/12 (V)
	Groundwater: 175, 185, 195, 205, 215, 225	ND[s]		8/13 (V)
	Groundwater: 235, 245, 255, 265, 275, 285, 295	ND[s]		8/14 (V)
	Groundwater: 310, 320, 330	ND[s]		8/16(V)
	Groundwater: 340	ND[s]		8/19(V)
	Groundwater: 347	ND[s]		8/23(V)
MW-29	Soil: 0.5 feet	TNT/DNT[s] **ND**	7/31	7/31
	Soil: 2 feet			
	Soil: 10 feet	ND[s] **ND**	7/31	7/31
	Soil: 20 feet	ND[s]	7/31	
	Soil: 30 feet		7/31	
	Soil: 40 feet		7/31	7/31
	Soil: 50, 60, 70, 80, 90, 100 feet		7/31	
MW-10	Soil: 140 feet			Ace (V*)
	Groundwater: 185 feet	ND[s]		THM (V*)
	Groundwater: 195, 205 feet	ND[s]		8/6 (V)
	Groundwater: 285 feet	ND[s]		8/7 (V)

Table 3
Summary of Preliminary Analytical Results (not validated)
As of September 4, 1997

Boring	Sample Type	Explosives	Inorganics	Other Analytes
	Groundwater: 295, 305, 315, 330 feet	ND[s]		8/8 (V)
	Groundwater: 355 feet	ND[s]		8/9 (V)
MW-12	Soil: 0.5 feet	TNT/DNT[s] **ND**	8/6	8/6
	Soil: 2 feet			
	Soil: 10 feet	ND[s]	8/7	8/7
	Soil: 20 feet	ND[s]	8/7	
	Soil: 30, 40, 50 feet		8/7	
	Soil: 60, 70, 80, 90, 100 feet		8/8	
MW-11	Soil: 0.5 feet	ND[s]	8/9	8/9
	Soil: 2 feet			
	Soil: 10 feet	ND[s]	8/9	8/9
	Soil: 20 feet	ND[s]	8/9	
	Soil: 30, 40, 50, 60, 70 feet		8/12	8/12
	Soil: 80 feet		8/12	
	Soil: 90, 100, 110, 120, 130 feet		8/12	8/12
MW-17	Soil: 3.5 feet			8/13
	Soil: 17.5 feet			8/13
	Soil: 53 feet			8/14
	Groundwater: 120, 130, 140, 150 feet	ND[s]		8/15 (V)
	Groundwater: 160 feet	RDX[s] **ND**		8/15 (V)
	Groundwater: 170, 180, 190 feet	ND[s]		8/15-16 (V)

Table 3
Summary of Preliminary Analytical Results (not validated)
As of September 4, 1997

Boring	Sample Type	Explosives	Inorganics	Other Analytes
	Groundwater: 200, 210, 220, 230, 240, 250, 260, 270, 280, 290, 320, 330 feet	ND[s]		8/16 (V)
MW-4	Soil: 0.5 feet	TNT/DNT[s] **ND**	8/14	8/14
	Soil: 2 feet			
	Soil: 10 feet	ND[s]	8/15	8/15
	Soil: 20 feet	ND[s]	8/15	
	Soil: 30, 40, 50, 60 feet		8/15-16	8/15-16
	Soil: 70, 80, 90, 100 feet		8/16	
	Soil: 110, 120, 130 feet		8/16	8/16
	Soil: 140 feet		8/16	
MW-1	Soil: 0.5 feet	TNT/DNT[s]	8/21	8/21
	Soil: 2 feet			
	Soil: 10 feet	RDX/HMX[s]	8/21	8/21
	Soil: 20 feet	ND[s]	8/22	
	Soil: 30, 40, 50, 60, 70, 80, 90 feet		8/22	
	Soil: 100, 110, 120 feet		8/23	
	Groundwater: 120 feet	RDX[s] **EXP**		8/23(V)
	Groundwater: 130 feet	RDX[s] **EXP**		8/23(V)
	Groundwater: 140, 150 feet	ND[s] **EXP**		8/27(V)
	Groundwater: 162 feet	RDX[s] **EXP**		8/27(V)
	Groundwater: 182 feet	**EXP**		8/28(V)

Table 3
Summary of Preliminary Analytical Results (not validated)
As of September 4, 1997

Boring	Sample Type	Explosives	Inorganics	Other Analytes
	Groundwater: 192 feet	**ND**		8/28(V)
	Groundwater: 202 feet	RDX[s]		8/29(V)
	Groundwater: 212 feet	ND[s]		8/29 (V)
	Groundwater: 222, 232 feet	RDX[s]		9/2 (V)
MW-3	Soil: 0.5 feet	TNT/DNT[s]	8/21	8/21
MW-5	Soil: 0.5 feet	TNT/DNT[s] RDX/HMX[s]	8/21	8/21
MW-6	Soil: 0.5 feet	TNT/DNT[s]	8/21	8/21
MW-16	Soil: 0.5 feet	ND[s]	8/21	8/21
MW-26	Soil: 0.5 feet	TNT/DNT[s] RDX/HMX[s]	8/21	8/21
MW-27	Soil: 0.5 feet	TNT/DNT[s]	8/21	8/21
MW-2	Soil: 0.5 feet	TNT/DNT[s]	8/22	8/22
MW-8	Soil: 0.5 feet	TNT/DNT[s]	8/22	8/22
MW-9	Soil: 0.5 feet	TNT/DNT[s]	8/22	8/22
MW-15	Soil: 0.5 feet	TNT/DNT[s]	8/22	8/22
	Soil: 2 feet			
	Soil: 10, 20 feet	ND[s]	8/29	8/29
	Soil: 30 feet	8/29[s]	8/29	8/29
	Soil: 50, 60, 70 feet	ND[s]	8/29	
	Soil: 70, 80, 90, 100 feet	9/2[s]	9/2	
	Groundwater: 110 feet	ND[s]		9/2 (V)
	Groundwater: 120, 130, 140, 150 feet	9/4[s]		9/4 (V)
	Groundwater: 160, 170, 180, 190, 200, 210	9/5[s]		9/5 (V)

Table 3
Summary of Preliminary Analytical Results (not validated)
As of September 4, 1997

Boring	Sample Type	Explosives	Inorganics	Other Analytes
MW-19	Soil: 0.5 feet	RDX/HMX[s]	8/22	8/22
MW-25	Soil: 0.5 feet	TNT/DNT[s] RDX/HMX[s]	8/22	8/22
MW-18	Groundwater: 44 feet	9/3[s]		8/29 (V)
	Groundwater: 60 feet	ND[s]		9/3 (V)
	Groundwater: 76, 86, 96, 106, 116, 126, 136 feet	9/4[s]		9/4 (V)
	Groundwater: 146, 156, 166, 176, 186, 196, 206, 216, 226	9/5[s]		9/5(V)

Notes:
7/22 = date sample received for analysis
ND = not detected
s = result from screening method (colorimetric for soil or high-level 8330 for groundwater)
BOLD = result from 8330 method
(V) = analyzed for volatile organic compounds; * = expedited (5-day TAT)
THM = trihalomethanes
Tol = toluene
Ace = acetone
Exp =explosives

Table 4
Summary of Monitoring Wells Completed
As of September 4, 1997

Monitoring Well	Screen Interval (feet bgs)	Location	Date Completed
MW-14S	96.0-106.0	Water Table	7/28
MW-23S	122.5-132.5	Water Table	7/29
MW-23D	272.0-282.0	Bottom of Aquifer[1]	7/29
MW-28S	95.2-105.2	Water Table	7/30
MW-29S	98.5-108.5	Water Table	8/1

Table 4
Summary of Monitoring Wells Completed
As of September 4, 1997

Monitoring Well	Screen Interval (feet bgs)	Location	Date Completed
MW-12S	96.7-106.7	Water Table	8/7
MW-10S	145.0-155.0	Water Table	8/11
MW-10D	351.5-361.5	Bottom of Aquifer[2]	8/11
MW-11S	122.0-132.0	Water Table	8/12
MW-4S	137.0-147.0	Water Table	8/18
MW-7S	103.0-104.0	Water Table	8/27
MW-7D	332.0-342.0	Bottom of Aquifer[1]	8/27
MW-17S	120.0-130.0	Water Table	8/27
MW-17D	320.0-330.0	Bottom of Aquifer[1]	8/27

1 =Well constructed on top of till layer overlying bedrock.
2 =Well constructed on top of bedrock.