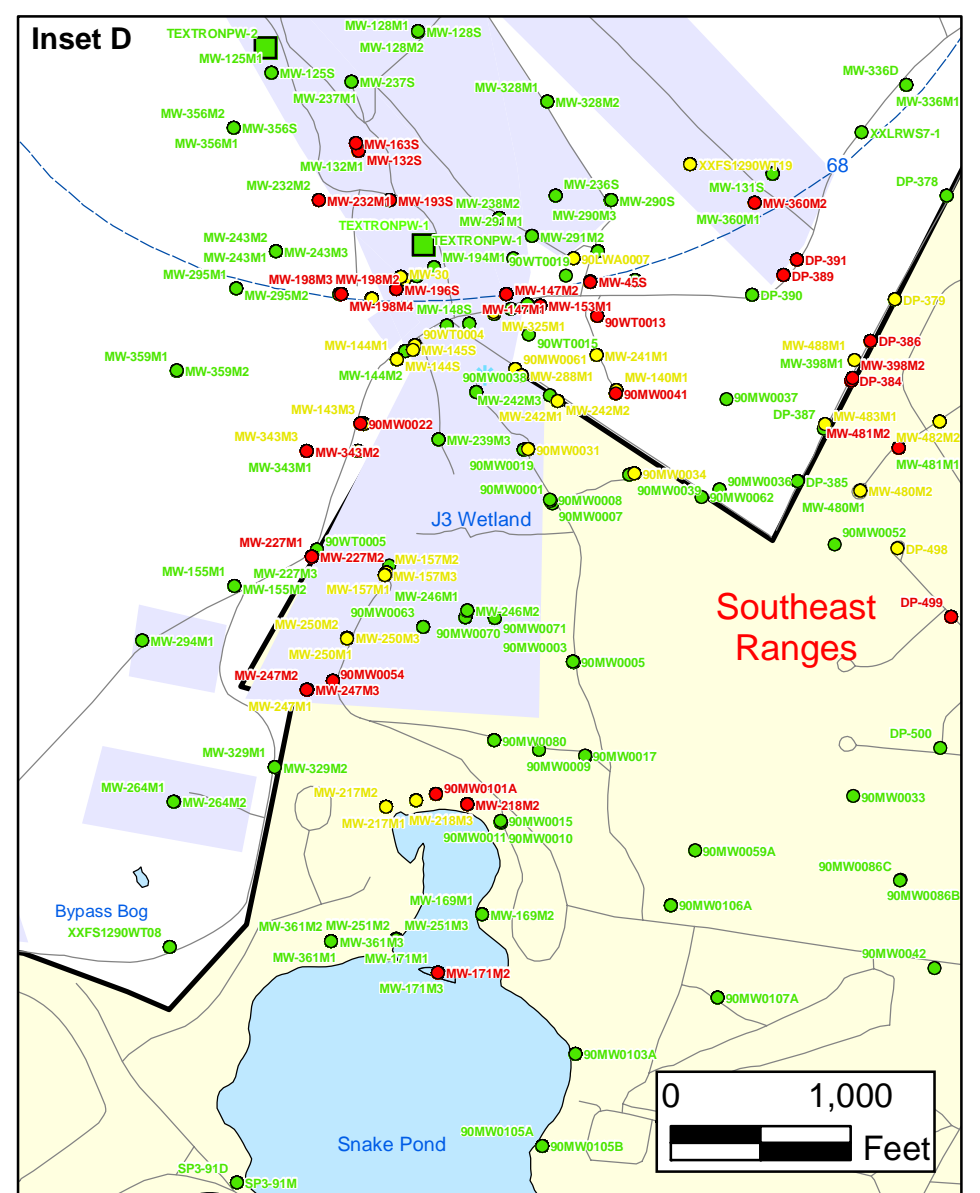
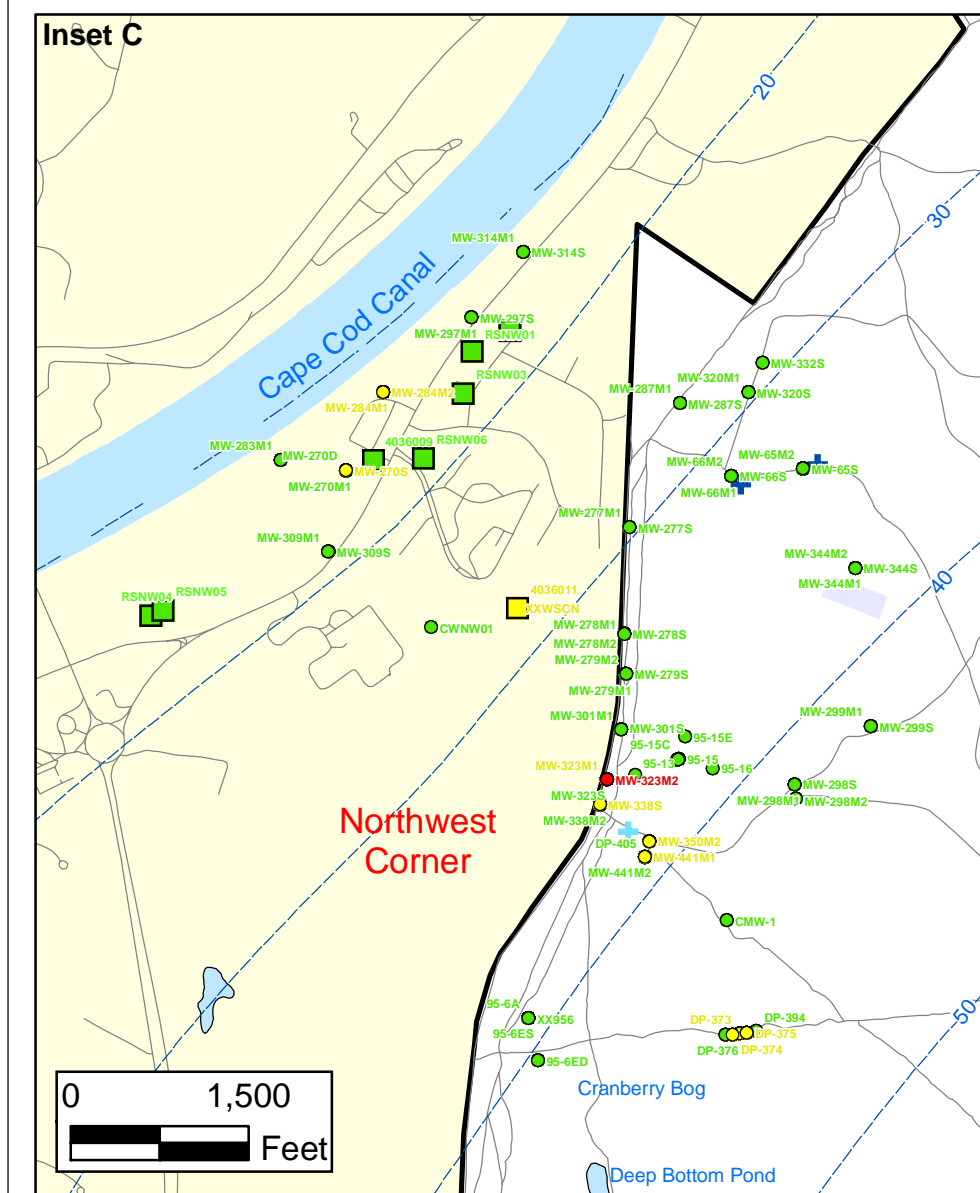
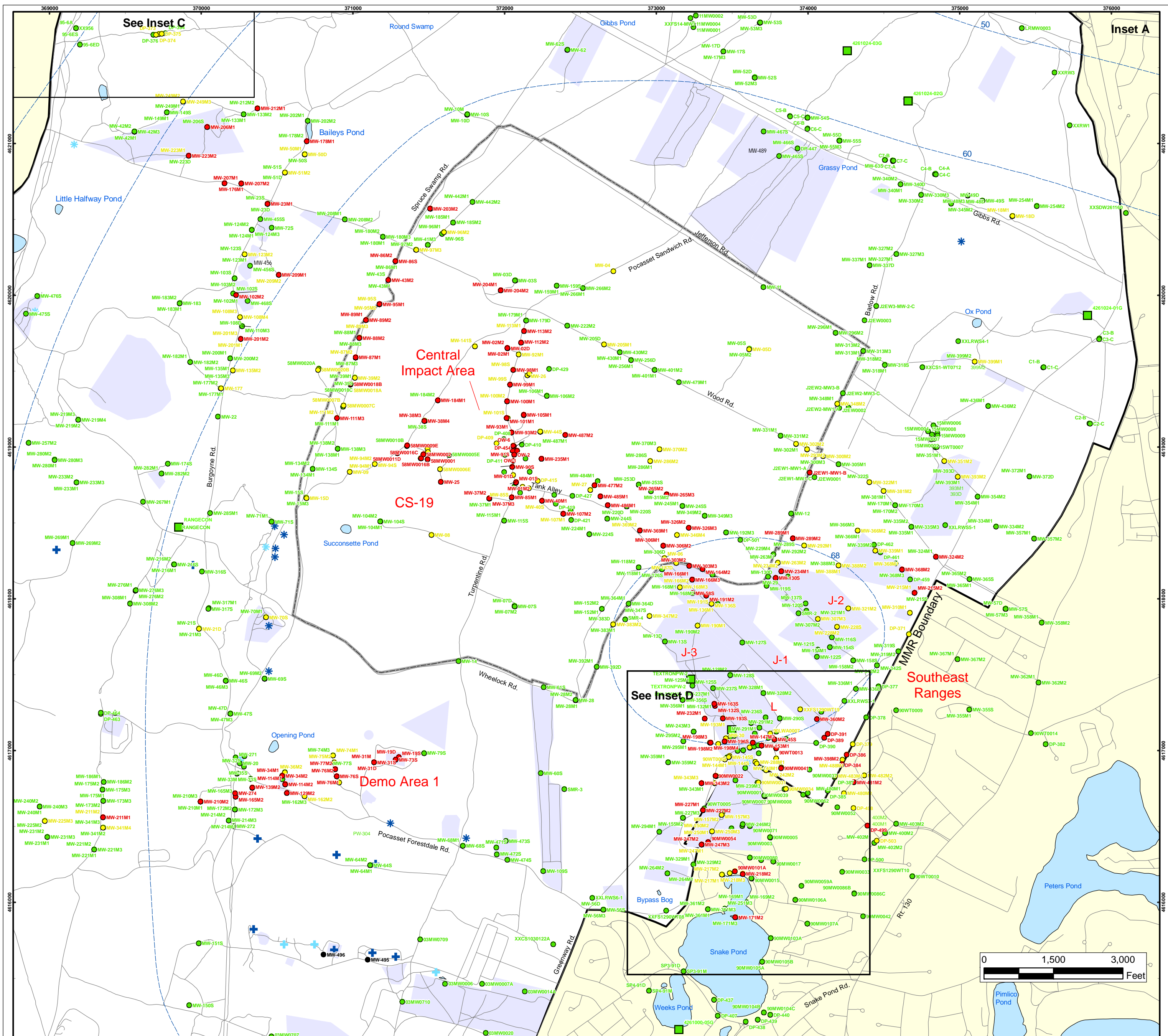


**Explosives in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 01/31/08**

**FIGURE 1**



### Explosives in Groundwater Compared to Maximum Contaminant Level/Health Advisories

Validated Data as of 08/31/08

- Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
- Validated Detection Less than Maximum Contaminant Level/Health Advisories
- Validated Non-Detect
- Data Pending
- Military Range Areas
- + Current Gun Position
- \* Current Mortar Position
- + Old Gun Position
- \* Old Mortar Position
- Validated Non-Detect Water Supply Well
- Validated Detection Less than Maximum Contaminant Level/Health Advisories Water Supply Well
- Water Table Contour (Feet NGVD), AMEC, September 2003

Note: Map dot colors are representative of the highest historical concentration at each well and not the current concentration level. Historical data presented on this figure range from November 1996 through 2007.

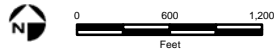
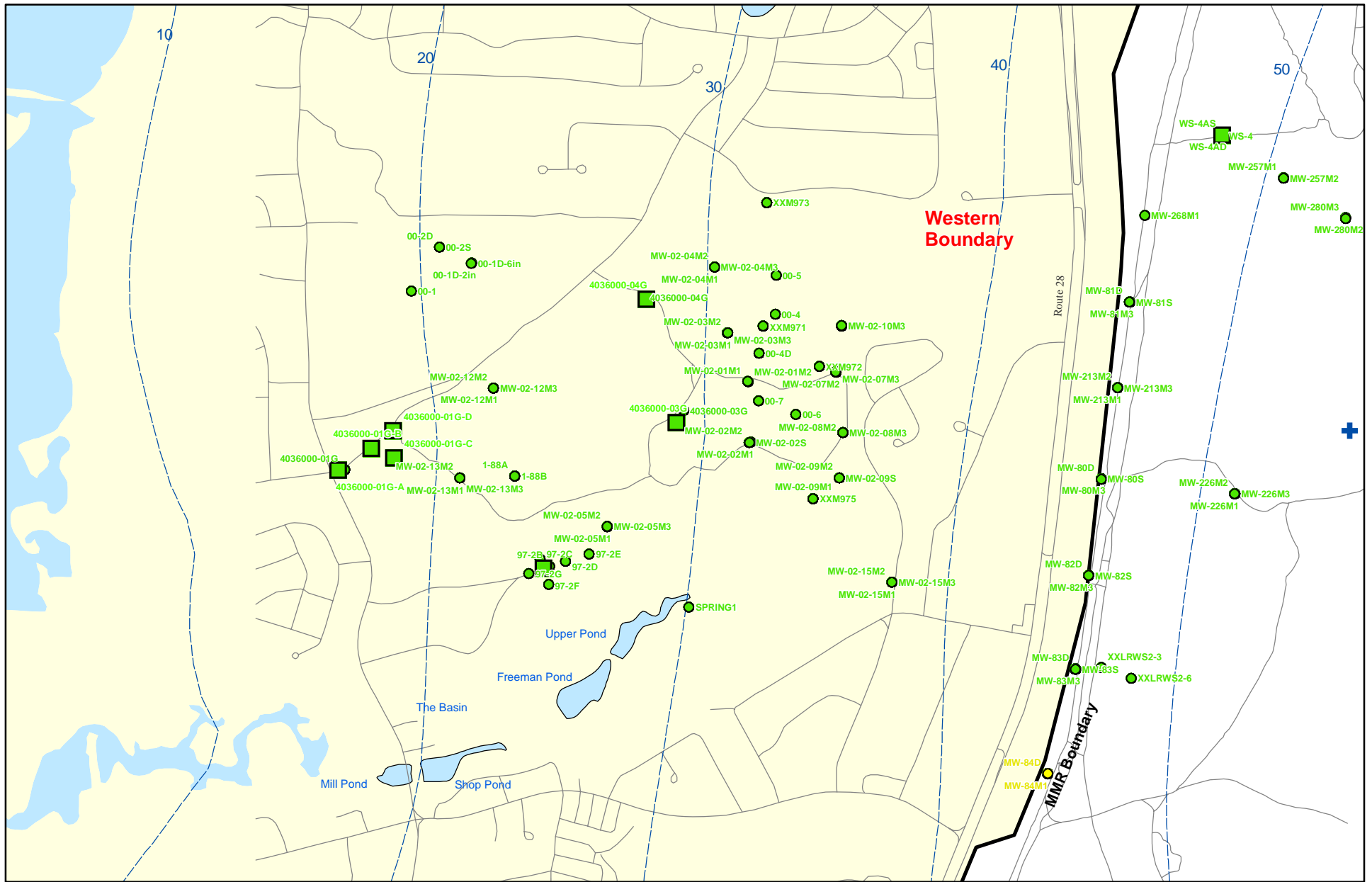
**Impact Area  
Groundwater Study Program**

ECC-MMR  
Cape Cod, Massachusetts

Sources & Notes  
Base map data from US Geological Survey  
7 1/2 minute Topographic Maps  
Source: Office of Geographic and  
Environmental Information (MassGIS)  
Environmental Information, Massachusetts  
Executive Office of Environmental Affairs

**FIGURE 1**

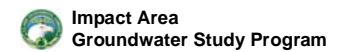
**Inset Map**



Sources & Notes:  
 Base map data from US Geological Survey  
 7 1/2 minute Topographic maps  
 Source: Office of Geographic and  
 Environmental Information (MassGIS)  
 Commonwealth of Massachusetts  
 Executive Office of Environmental Affairs

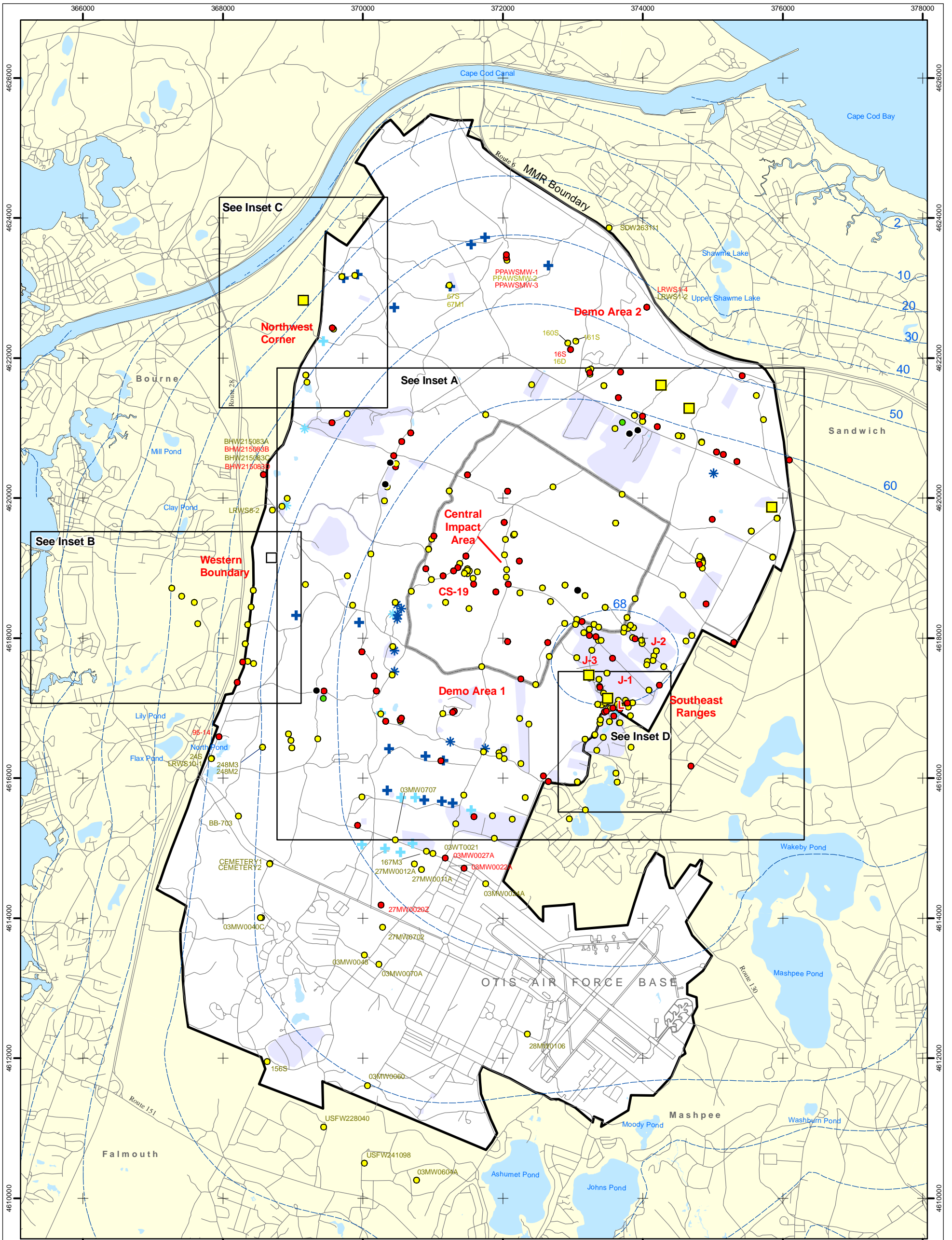
- Validated Detection Less than Maximum Contaminant Level/Health Advisories
- Validated Non-Detect
- + Current Gun Position
- Validated Non-Detect Water Supply Well
- Proposed Water Supply Well
- Water Table Contour (Feet NGVD)  
AMEC, September 2003

**Explosives in Groundwater Compared to Maximum Contaminant Level/Health Advisories**  
 Validated Data as of 08/31/08




Note: Map dot colors are representative of the highest historical concentration at each well and not the current concentration level.  
 Historical data presented on this figure range from November 1996 through 2007.

ECC-MMR  
 Cape Cod, Massachusetts



<span style="color: red;">●</span> Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories	<span style="color: blue;">+</span> Current Gun Position	<span style="color: black;">●</span> Data Pending
<span style="color: yellow;">●</span> Validated Detection Less than Maximum Contaminant Level/Health Advisories	<span style="color: blue;">*</span> Current Mortar Position	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">○</span> Proposed Monitoring Well
<span style="color: green;">●</span> Validated Non-Detect	<span style="color: blue;">+</span> Old Gun Position	<span style="background-color: yellow; border: 1px solid black; width: 15px; height: 15px; display: inline-block;"></span> Validated Detection Less than Maximum Contaminant Level/Health Advisories Water Supply Well
	<span style="color: blue;">*</span> Old Mortar Position	<span style="border: 1px solid black; width: 15px; height: 15px; display: inline-block;"></span> Proposed Water Supply Well
	<span style="background-color: lightpurple; width: 15px; height: 15px; display: inline-block;"></span> Military Range Areas	<span style="color: blue;">---</span> Water Table Contour (Feet above NGVD), AMEC, September 2003



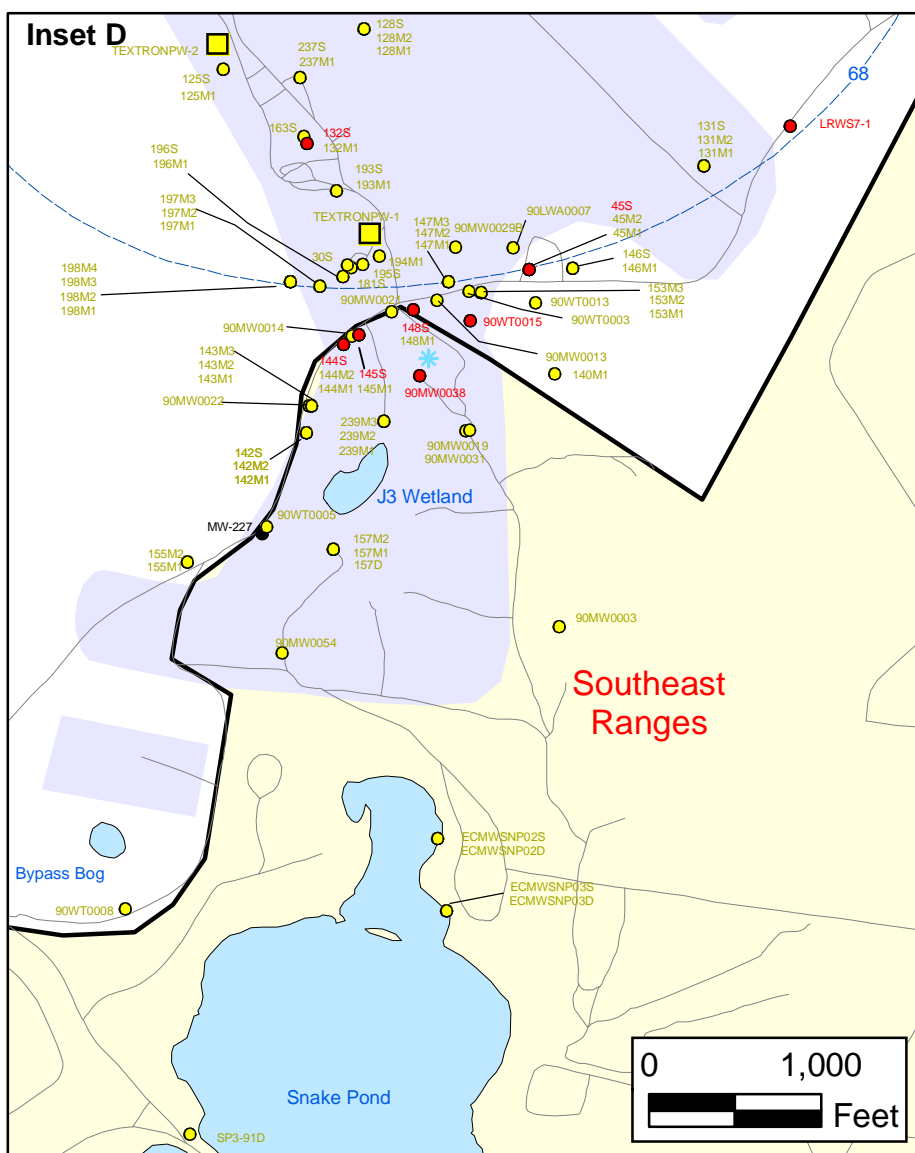
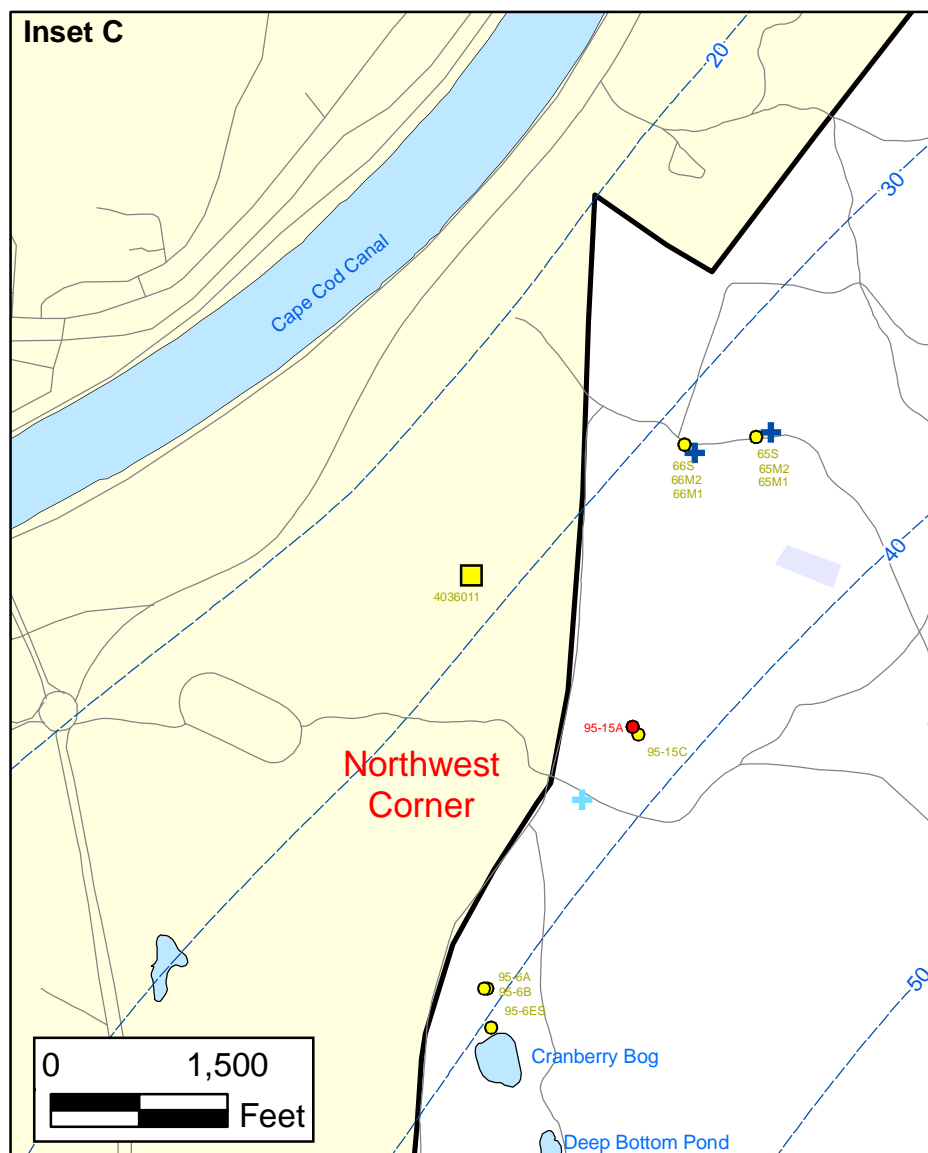
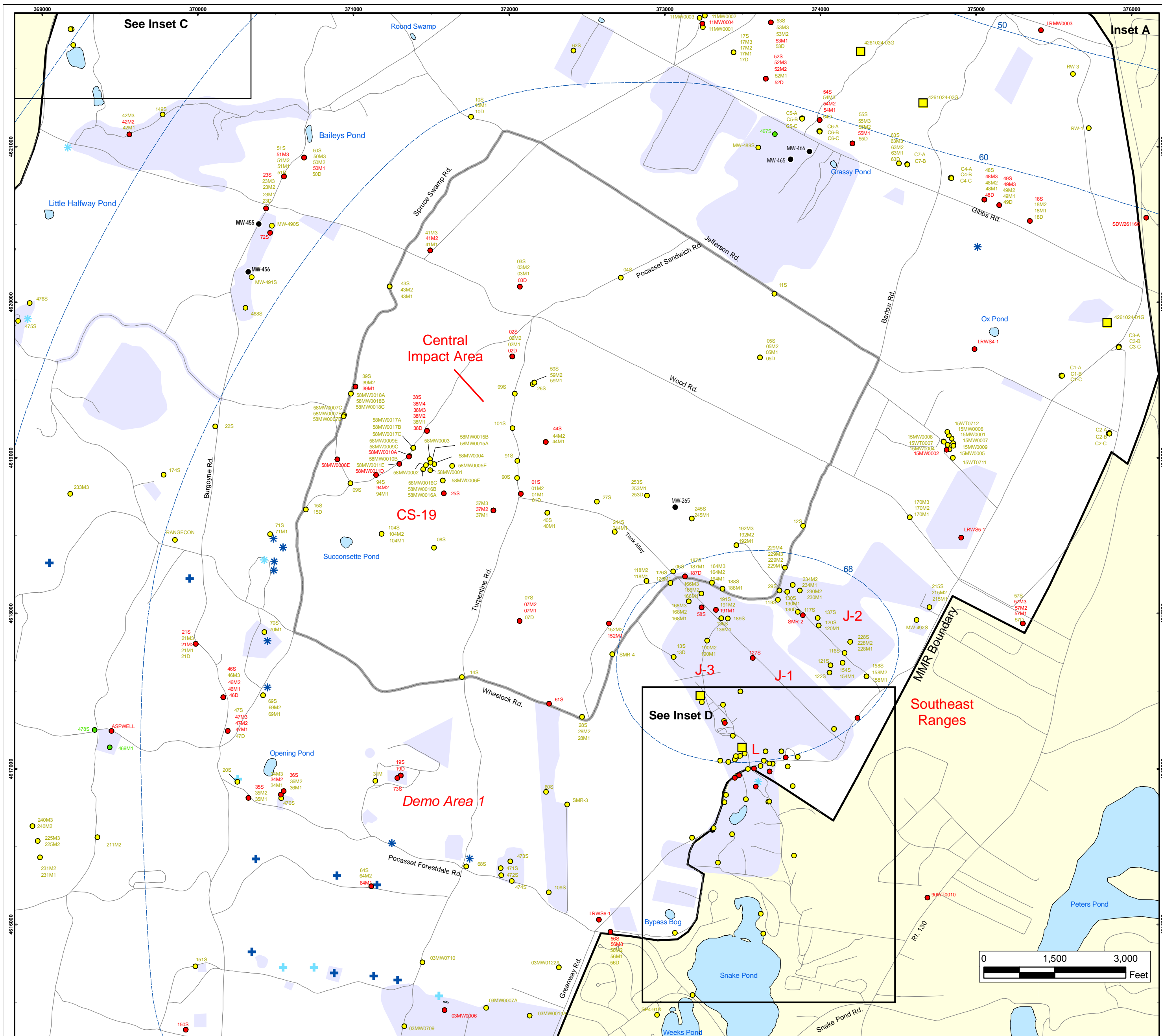
0 2,000 4,000  
Feet

Sources & Notes  
Base map data from US Geological Survey  
7 1/2 minute Topographic Maps  
Source: Office of Geographic and Environmental Information (MassGIS)  
Commonwealth of Massachusetts  
Executive Office of Environmental Affairs

Note: Map dot colors are representative of the highest historical concentration at each well and not the current concentration level. Historical data presented on this figure range from November 1996 through 2007.

**Metals in Groundwater Compared to  
Maximum Contaminant Level/Health Advisories  
Validated Data as of 03/31/08**

FIGURE  
**2**



**Metals in Groundwater Compared to Maximum Contaminant Level/Health Advisories**  
**Validated Data as of 03/31/08**

- Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
- Validated Detection Less than Maximum Contaminant Level/Health Advisories
- Validated Non-Detect
- Data Pending
- Proposed Monitoring Well
- Military Range Areas
- ⊕ Current Gun Position
- ⊛ Current Mortar Position
- ⊕ Old Gun Position
- ⊛ Old Mortar Position
- Validated Detection Less than Maximum Contaminant Level/Health Advisories Water Supply Well
- Water Table Contour (Feet NGVD), AMEC, September 2003

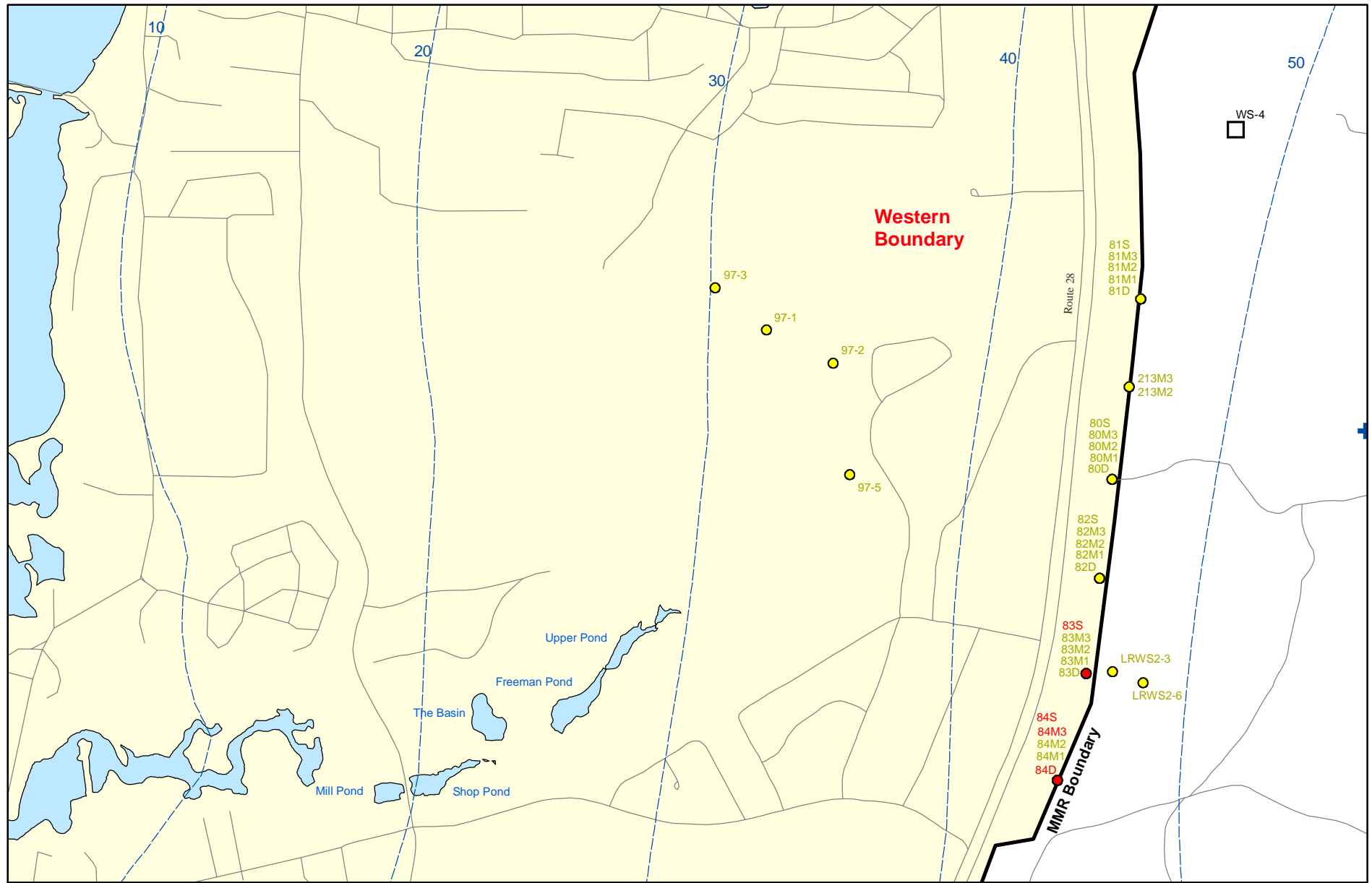
Note: Map dot colors are representative of the highest historical concentration at each well and not the current concentration level. Historical data presented on this figure range from November 1996 through 2007.

**Impact Area Groundwater Study Program**

AMEC Earth & Environmental, Inc.  
 Westford, Massachusetts

**Inset Map**

**FIGURE 2**



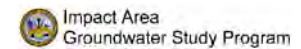
Sources & Notes:  
 Base map data from US Geological Survey  
 7 1/2 minute Topographic maps.  
 Source: Office of Geographic and  
 Environmental Information (MassGIS)  
 Commonwealth of Massachusetts  
 Executive Office of Environmental Affairs

AMEC Earth & Environmental, Inc.  
 Westford, Massachusetts

- Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
- Validated Detection Less than Maximum Contaminant Level/Health Advisories
- Proposed Water Supply Well
- + Current Gun Position
- Water Table Contour (Feet NGVD) AMEC, September 2003

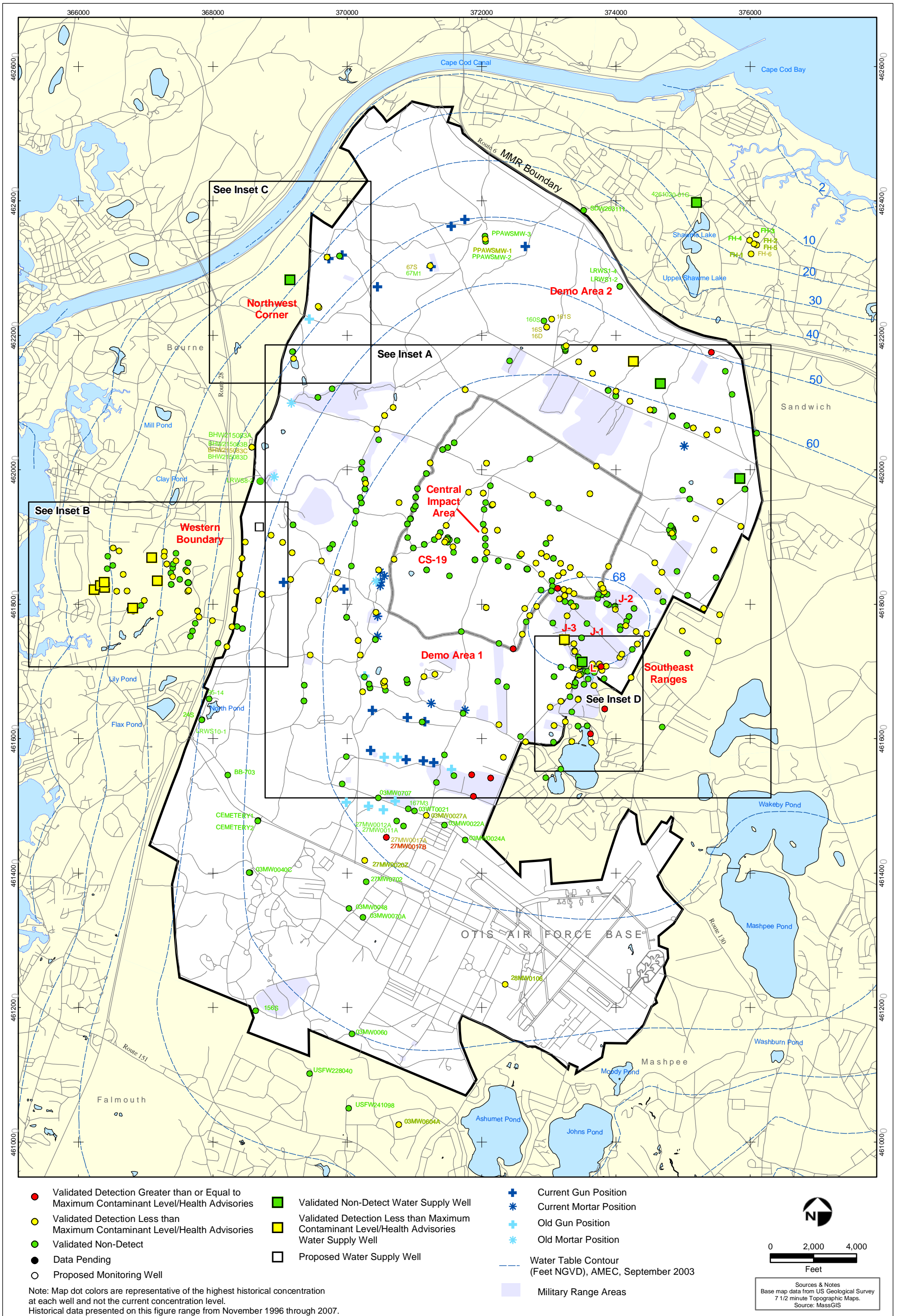
Note: Map dot colors are representative of the highest historical concentration at each well and not the current concentration level.  
 Historical data presented on this figure range from November 1996 through 2007.

### Metals in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 03/31/08



Inset Map B

FIGURE  
**2**

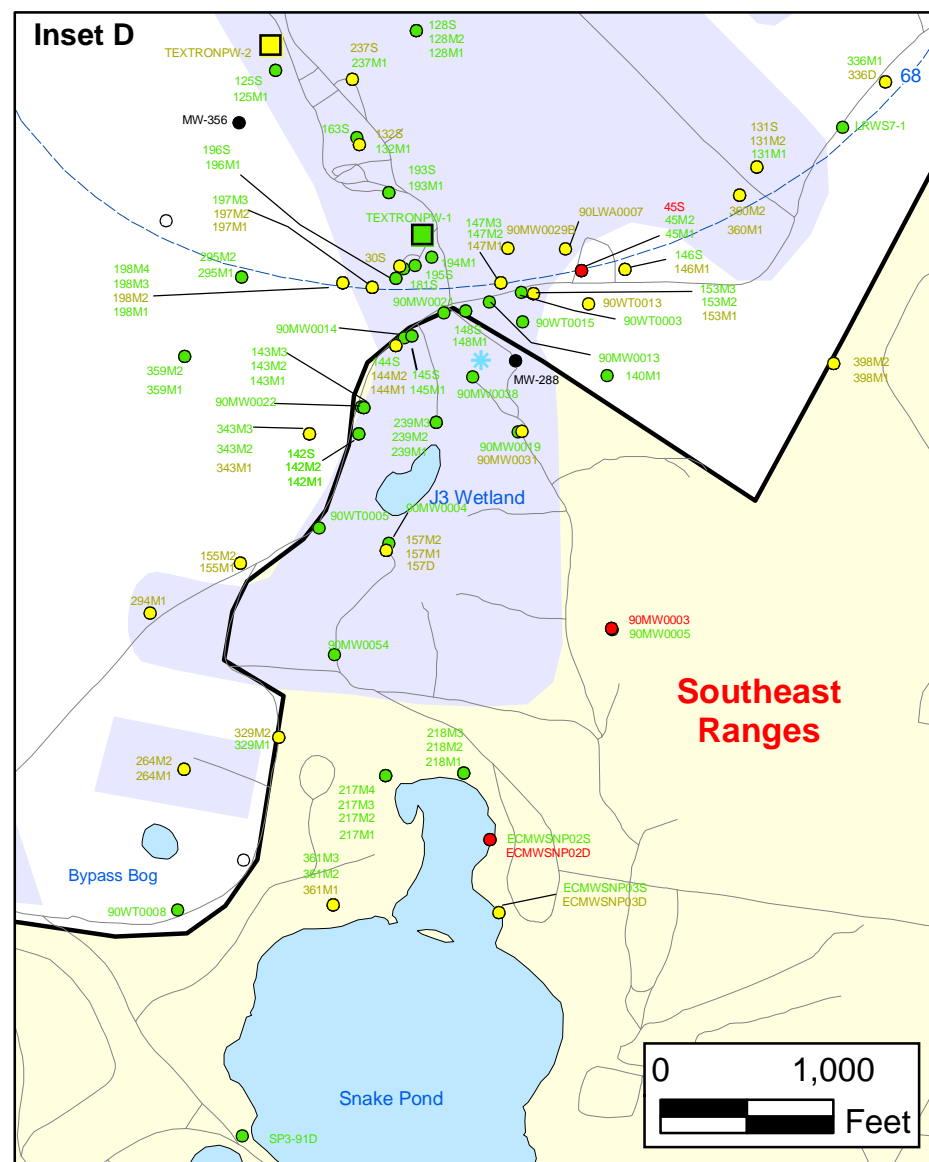
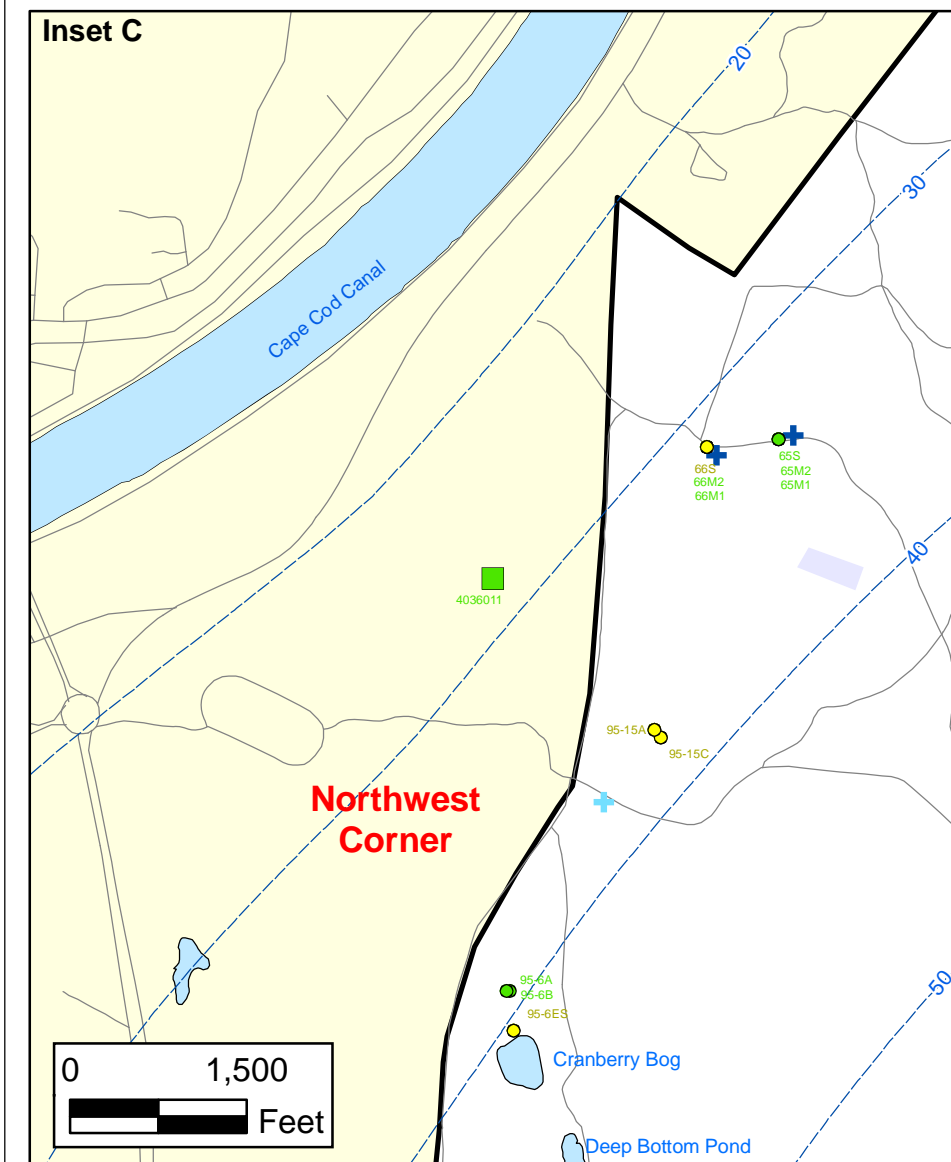
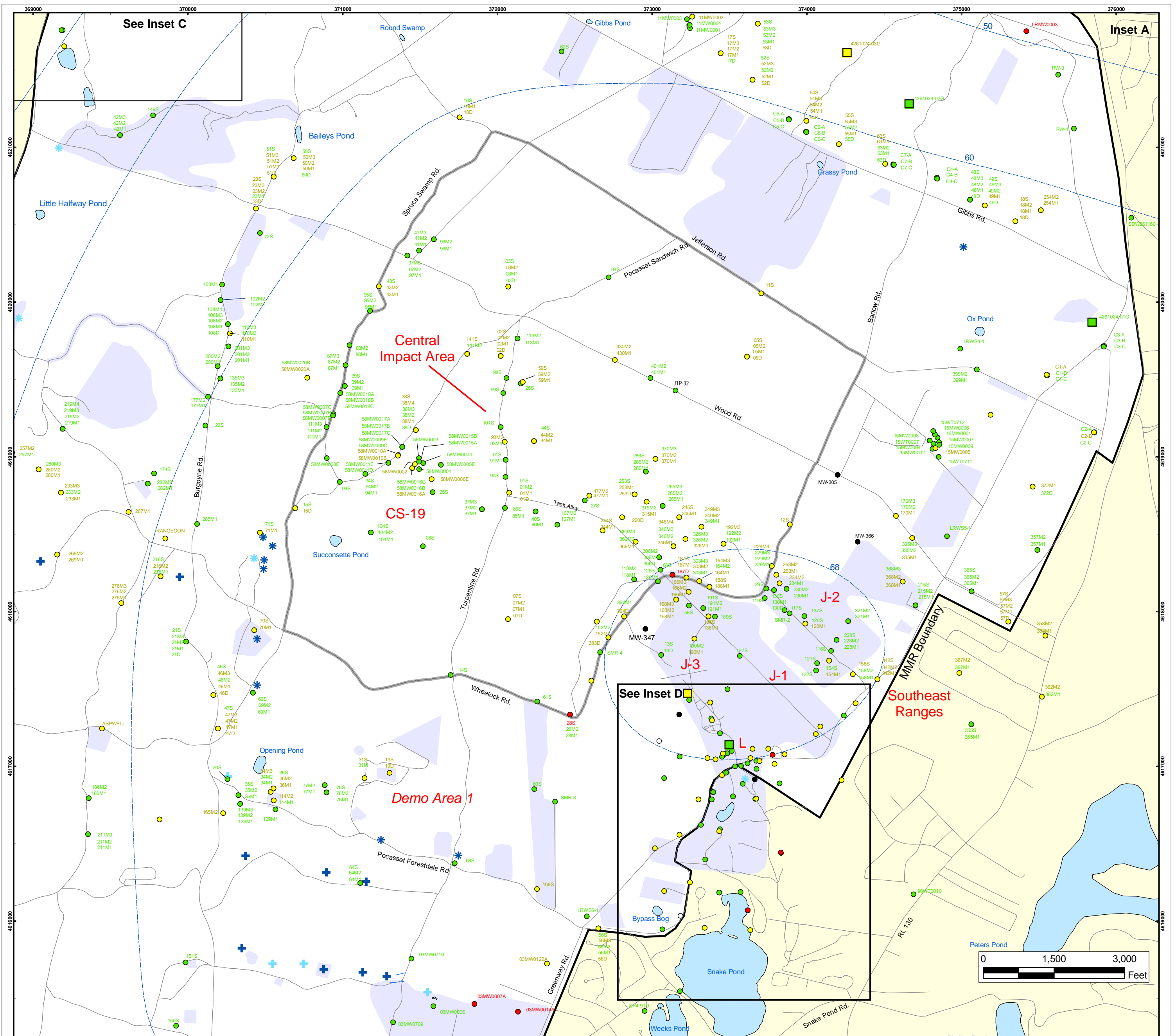


**Volatile Organic Compounds (Excluding Chloroform) in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 03/31/08**

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 Westford, Massachusetts

FIGURE  
**3**





**Volatile Organic Compounds (Excluding Chloroform) in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 03/31/08**

- Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
- Validated Detection Less than Maximum Contaminant Level/Health Advisories
- Validated Non-Detect
- Data Pending
- Proposed Monitoring Well
- Military Range Areas
- ⊕ Current Gun Position
- ⊕ Current Mortar Position
- ⊕ Old Gun Position
- ⊕ Old Mortar Position
- Validated Non-Detect Water Supply Well
- Validated Detection Less than Maximum Contaminant Level/Health Advisories Water Supply Well
- Water Table Contour (Feet NGVD), AMEC, September 2003

Note: Map dot colors are representative of the highest historical concentration at each well and not the current concentration level. Historical data presented on this figure range from November 1996 through 2007.

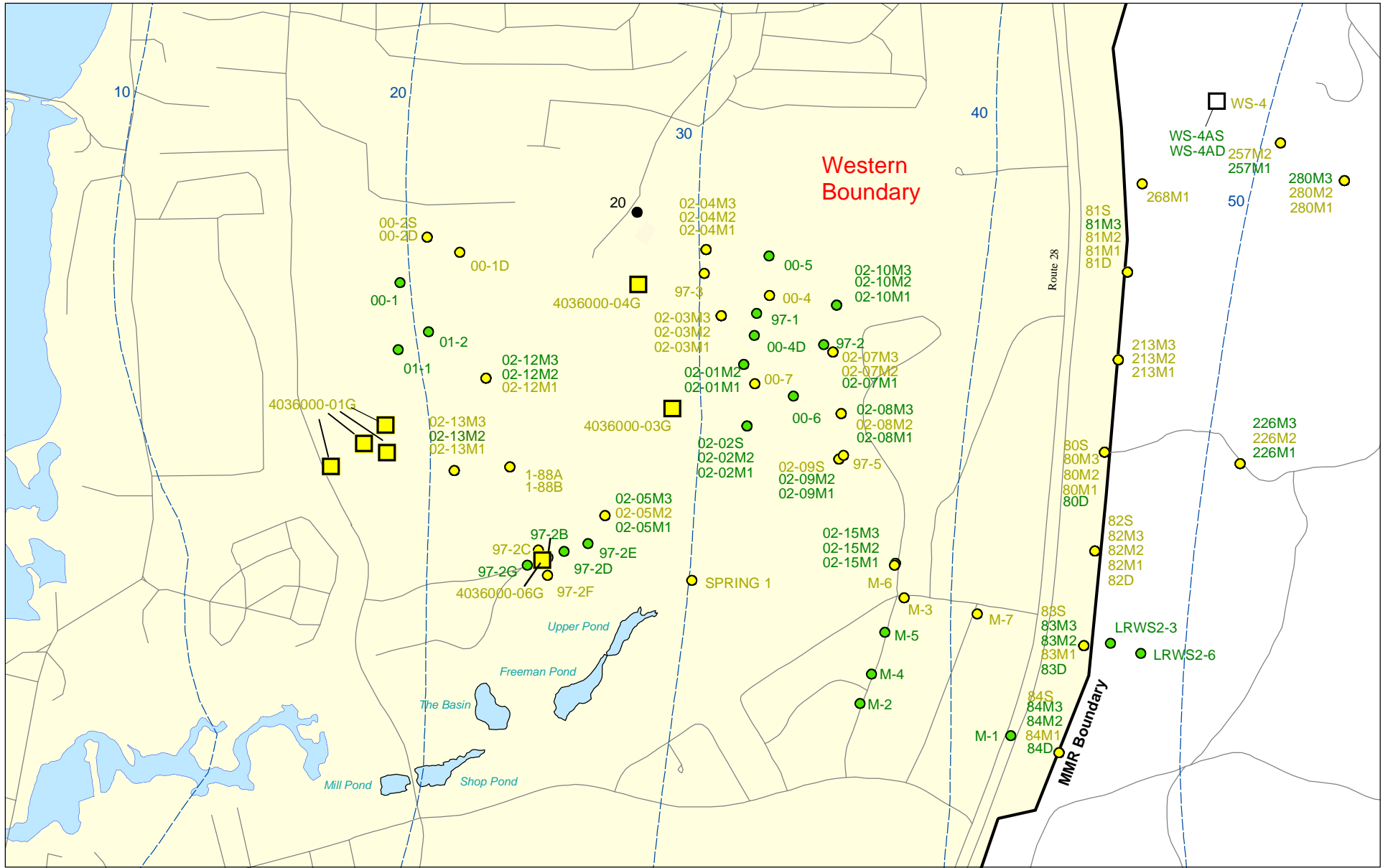
**Impact Area Groundwater Study Program**

AMEC Earth & Environmental, Inc.  
Westford, Massachusetts

Sources & Notes  
Base map data from US Geological Survey  
7 1/2 minute Topographic Maps  
Source: Office of Geographic and Environmental Information (MassGIS)  
Commonwealth of Massachusetts  
Executive Office of Environmental Affairs

**FIGURE 3**  
*Inset Map*





**Sources & Notes:**  
 Base map data from US Geological Survey  
 7 1/2 minute Topographic maps.  
 Source: Office of Geographic and  
 Environmental Information (MassGIS)  
 Commonwealth of Massachusetts  
 Executive Office of Environmental Affairs

- Validated Detection Less than Maximum Contaminant Level/Health Advisories
- Validated Non-Detect
- Data Pending

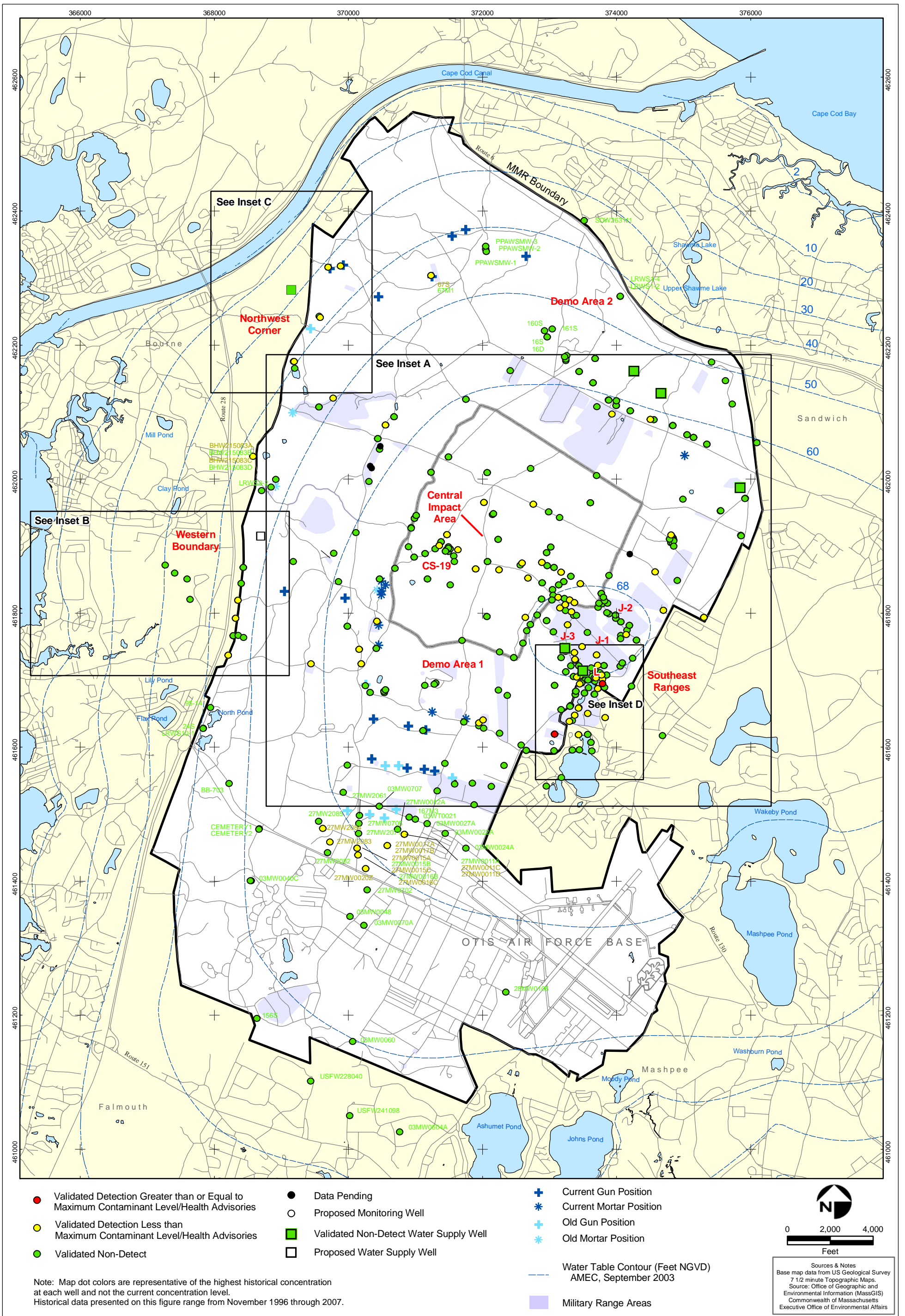
- Validated Detection Less than Maximum Contaminant Level/Health Advisories Water Supply Well
- Proposed Water Supply Well
- Water Table Contour (Feet NGVD), AMEC, September 2003

**Volatile Organic Compounds (Excluding Chloroform)  
 in Groundwater Compared to Maximum  
 Contaminant Level/Health Advisories  
 Validated Data as of 03/31/08**



Note: Map dot colors are representative of the highest historical concentration at each well and not the current concentration level.  
 Historical data presented on this figure range from November 1996 through 2007.

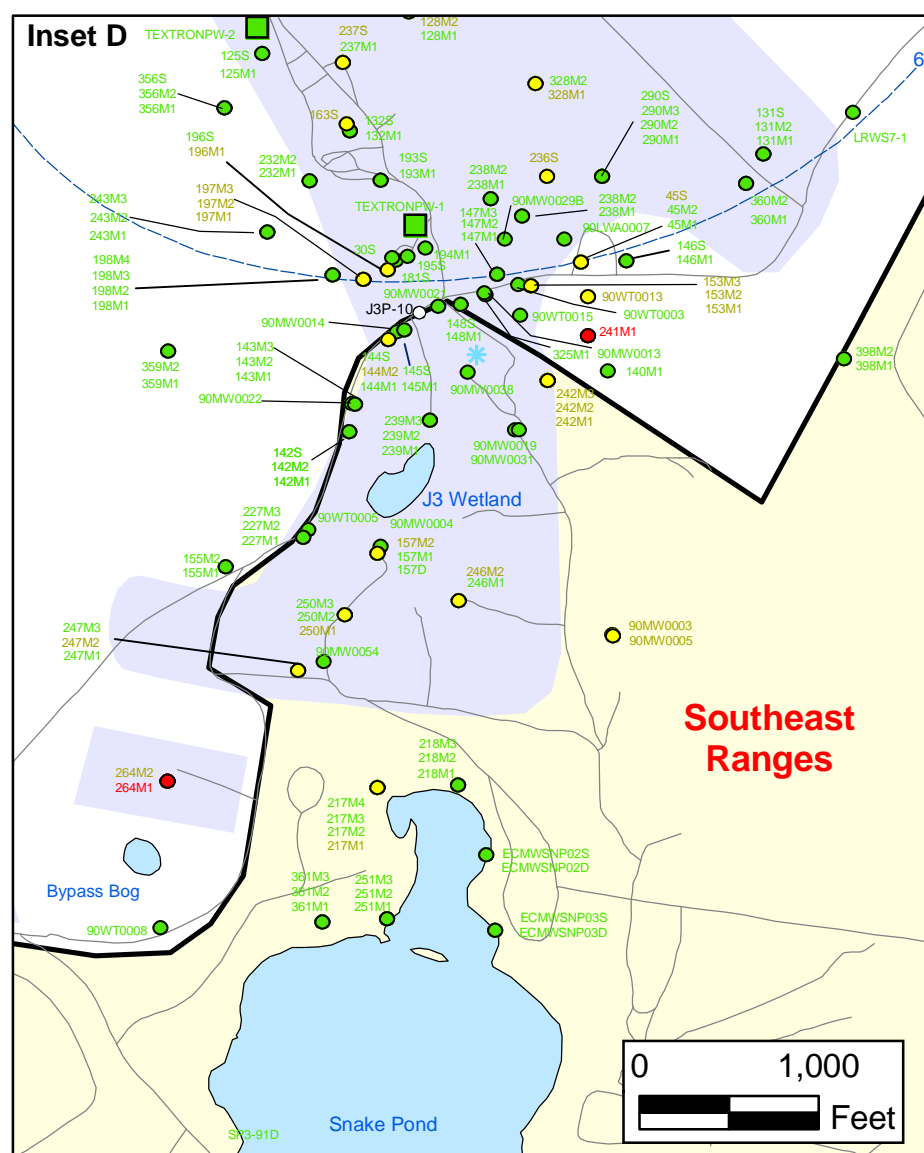
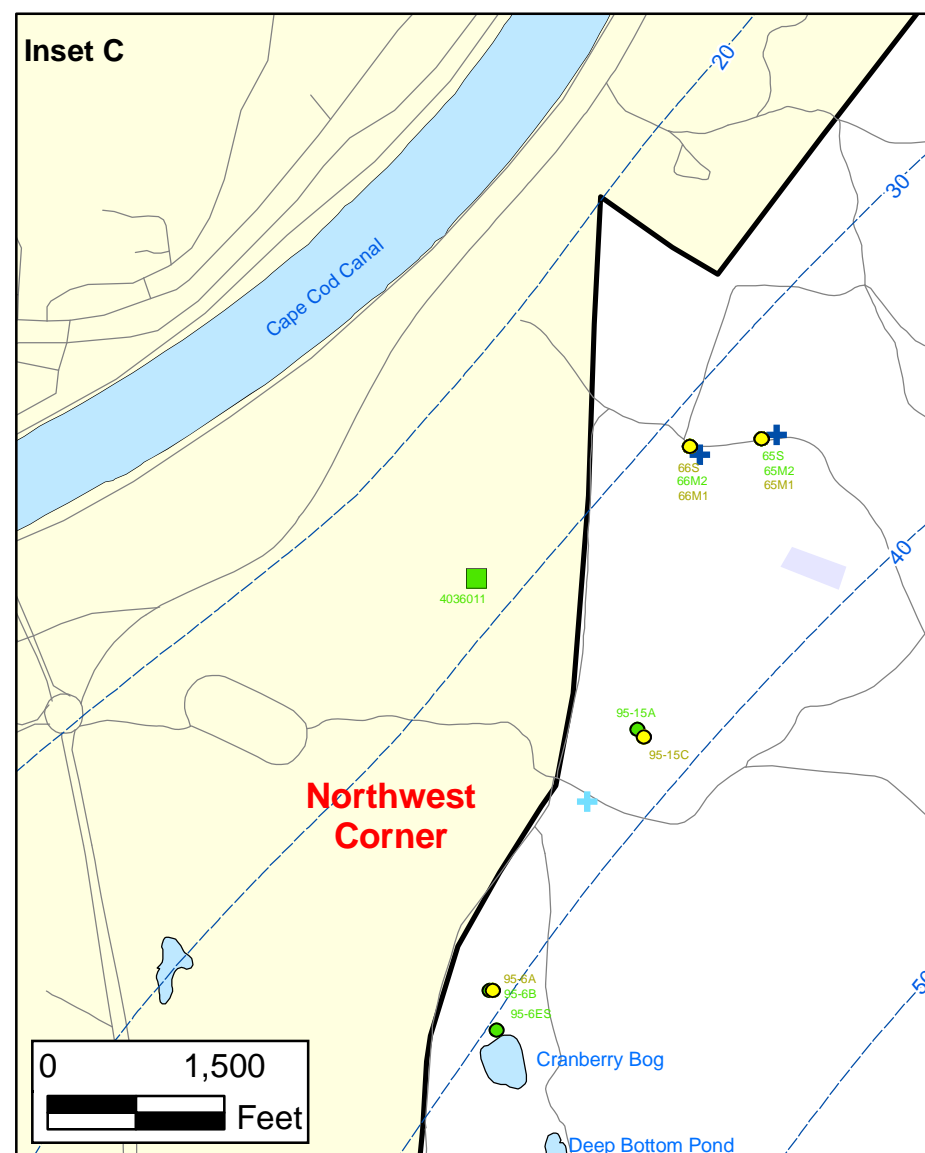
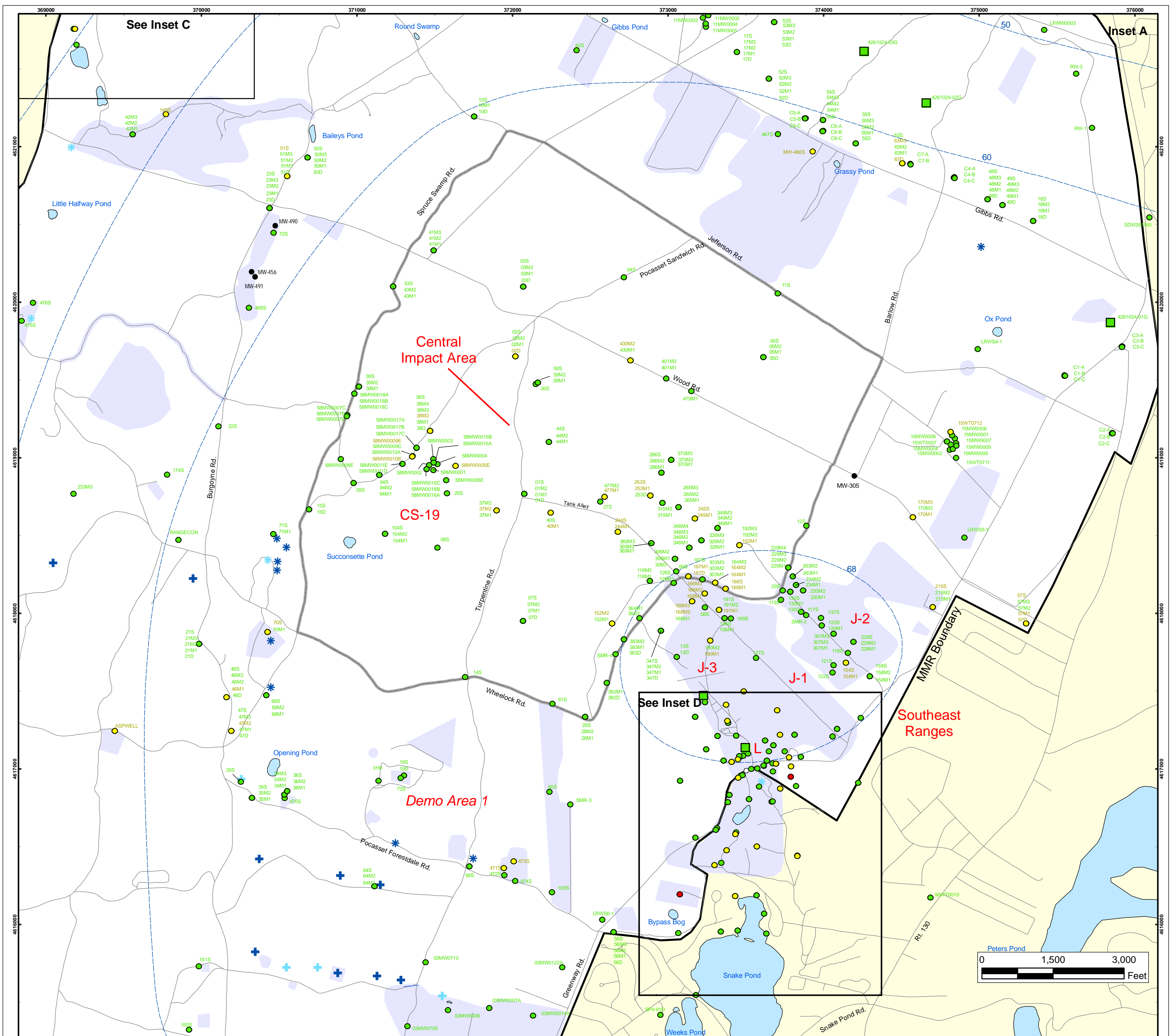
**FIGURE  
 Inset Map B 3**



**Semi-Volatile Organic Compounds (Excluding BEHP) in Groundwater  
 Compared to Maximum Contaminant Level/Health Advisories  
 Validated Data as of 03/31/08**

AMEC Earth & Environmental, Inc.  
 Westford, Massachusetts

FIGURE  
**5**



### Semi-Volatile Organic Compounds (Excluding BEHP) in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 03/31/08

- Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
- Validated Detection Less than Maximum Contaminant Level/Health Advisories
- Validated Non-Detect
- Data Pending
- Proposed Monitoring Well
- Military Range Areas
- ✚ Current Gun Position
- ✚ Current Mortar Position
- ✚ Old Gun Position
- ✚ Old Mortar Position
- Validated Non-Detect Water Supply Well
- Water Table Contour (Feet NGVD), AMEC, September 2003

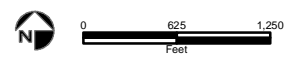
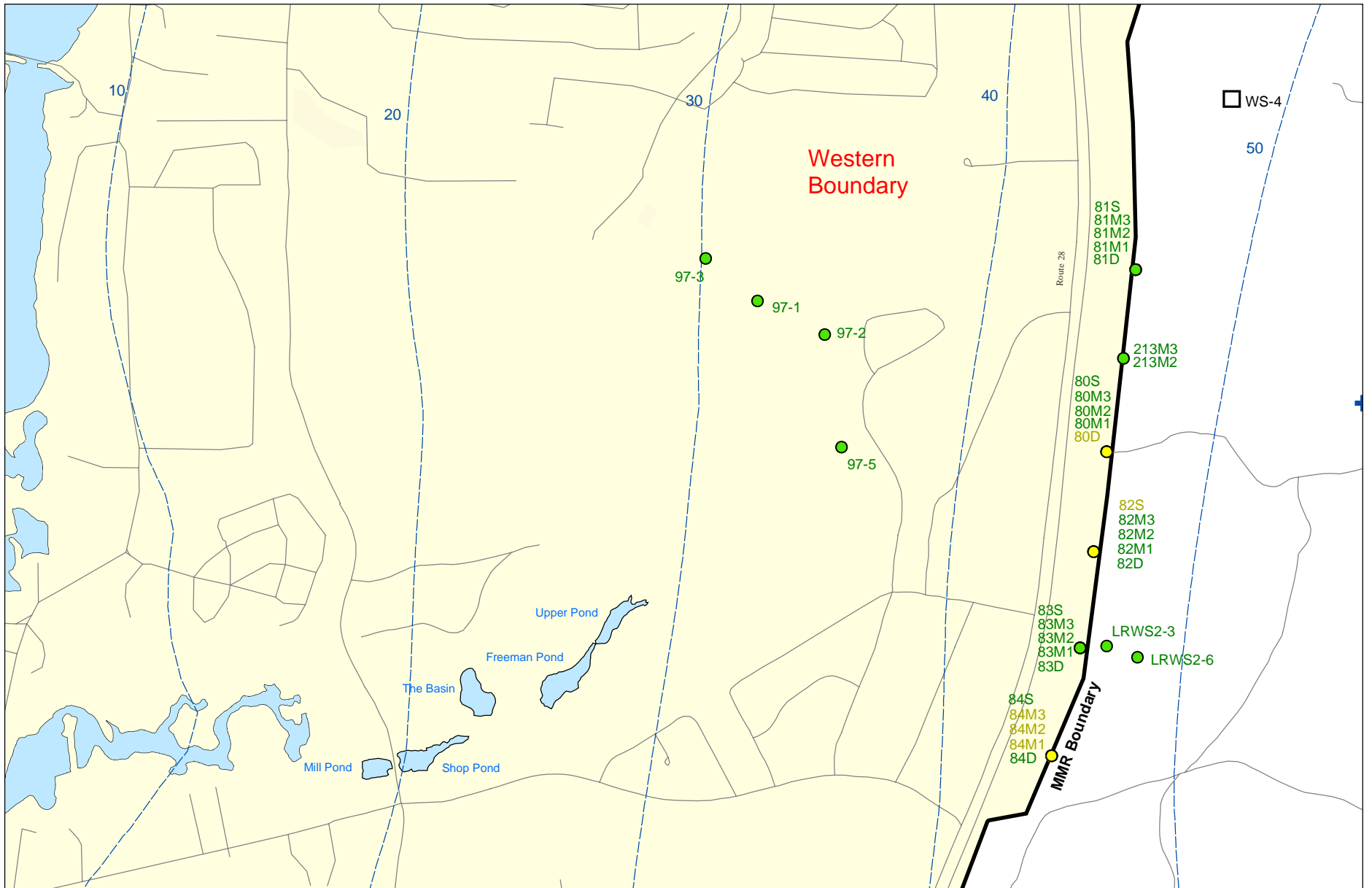
Note: Map dot colors are representative of the highest historical concentration at each well and not the current concentration level. Historical data presented on this figure range from November 1996 through 2007.

**Impact Area Groundwater Study Program**

AMEC Earth & Environmental, Inc.  
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**Inset Map**

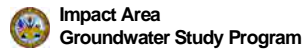
**FIGURE 5**



Sources & Notes:  
 Base map data from US Geological Survey  
 7 1/2 minute Topographic maps.  
 Source: Office of Geographic and  
 Environmental Information (MassGIS)  
 Commonwealth of Massachusetts  
 Executive Office of Environmental Affairs

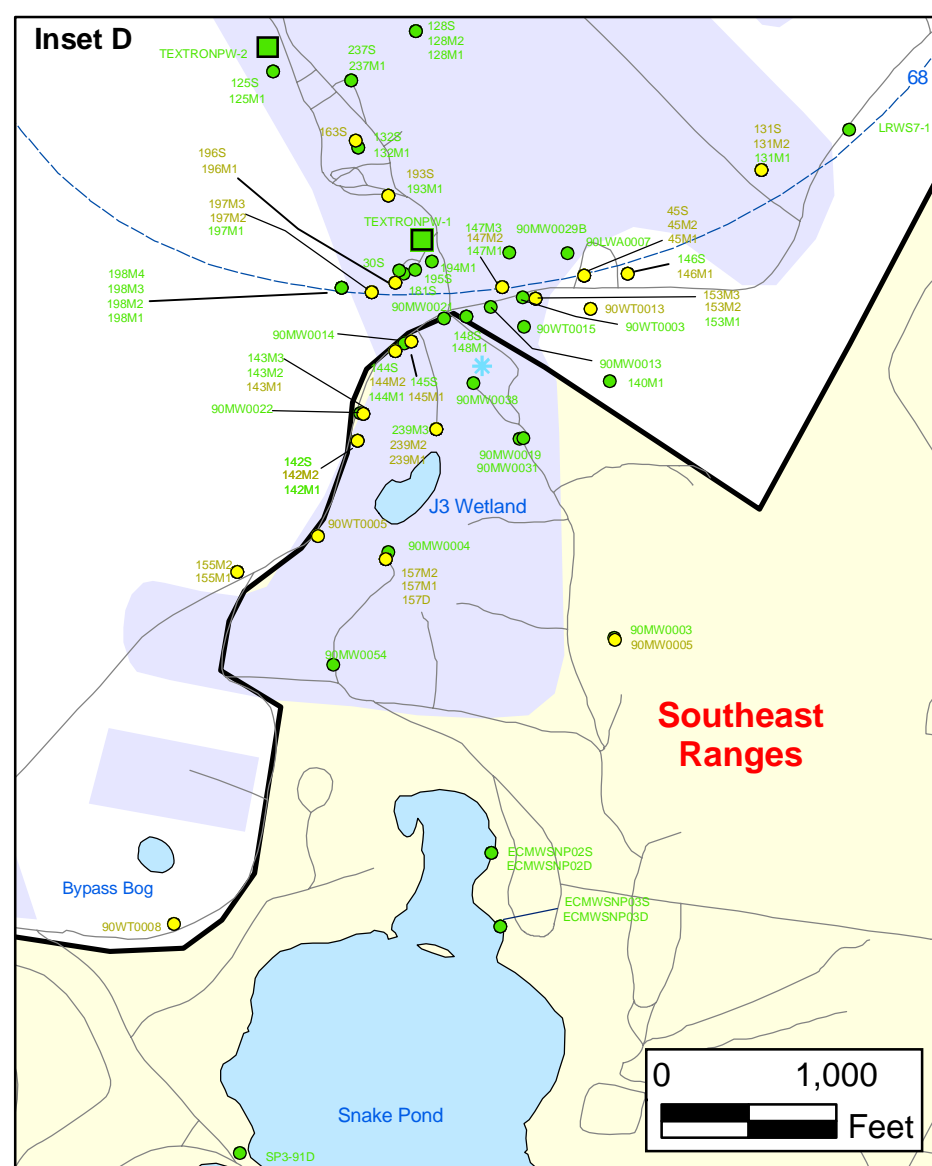
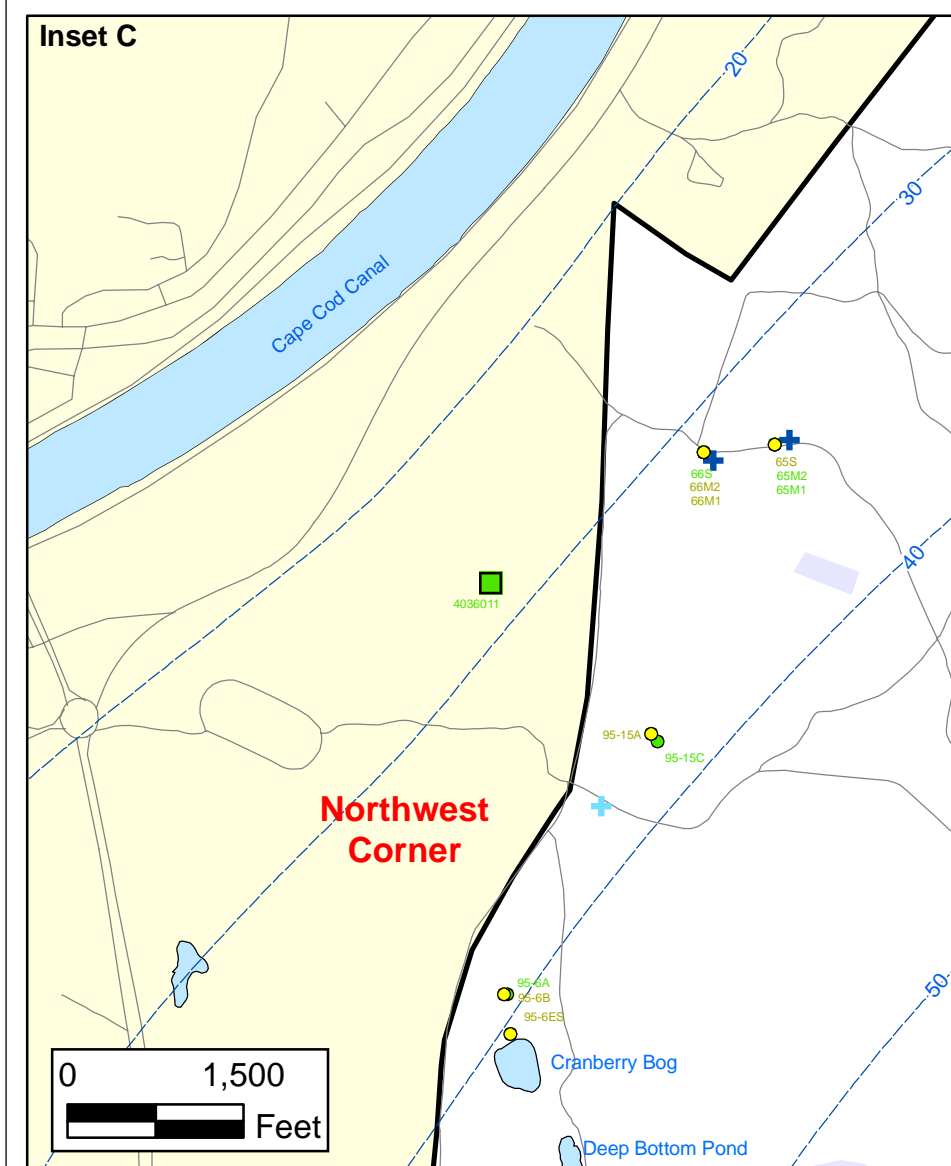
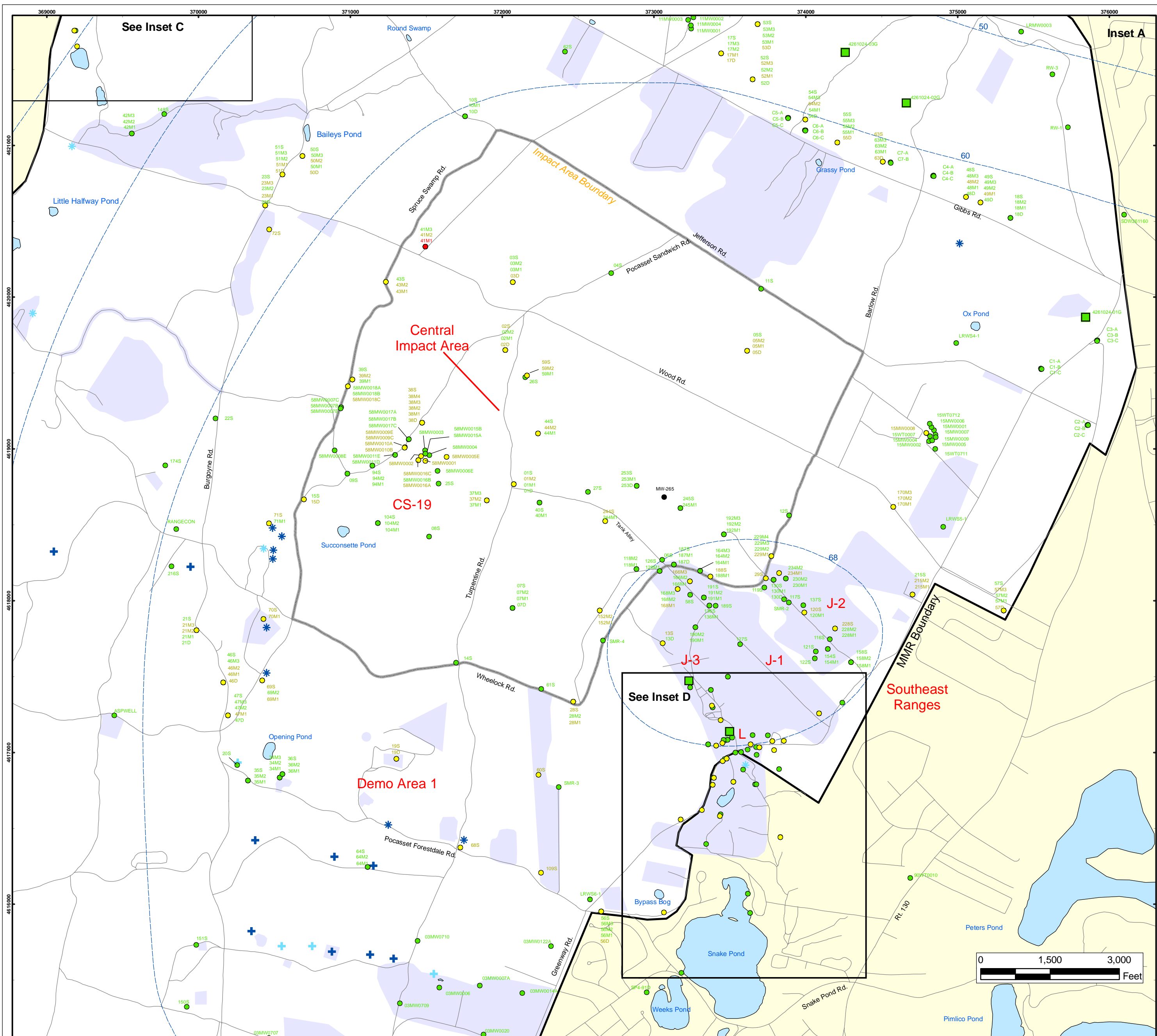
- Validated Detection Less than Maximum Contaminant Level/Health Advisories
- Validated Non-Detect
- Proposed Water Supply Well
- + Current Gun Position
- Water Table Contour (Feet NGVD), AMEC, September 2003

**Semi-Volatile Organic Compounds (Excluding BEHP) in Groundwater Compared to Maximum Contaminant Level/Health Advisories**  
 Validated Data as of 03/31/08



Note: Map dot colors are representative of the highest historical concentration at each well and not the current concentration level.  
 Historical data presented on this figure range from November 1996 through 2007.

**Inset Map B** 5 **FIGURE**



### Herbicides and Pesticides in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 03/31/08

- Validated Detection Greater than or Equal to Maximum Contaminant Level/Health Advisories
- Validated Detection Less than Maximum Contaminant Level/Health Advisories
- Validated Non-Detect
- Data Pending
- Proposed Monitoring Well
- Military Range Areas
- + Current Gun Position
- \* Current Mortar Position
- + Old Gun Position
- \* Old Mortar Position
- Validated Non-Detect Water Supply Well
- Water Table Contour (Feet NGVD), AMEC, September 2003

Note: Map dot colors are representative of the highest historical concentration at each well and not the current concentration level. Historical data presented on this figure range from November 1996 through 2007.

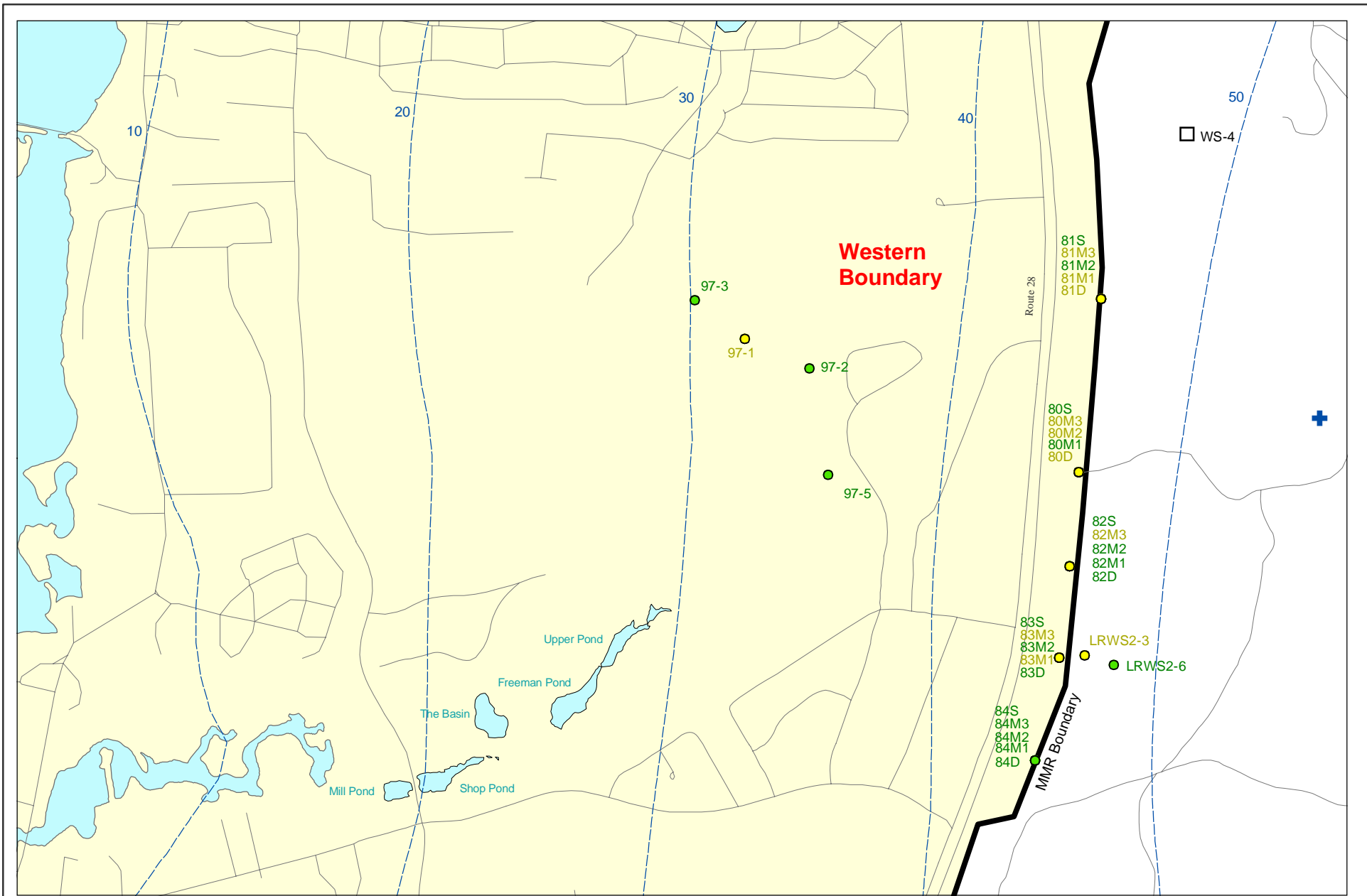
Impact Area  
Groundwater Study Program

Sources & Notes  
Base map data from US Geological Survey  
7 1/2 minute Topographic Maps  
Source: Office of Geographic and  
Environmental Information (MassGIS)  
Commonwealth of Massachusetts  
Executive Office of Environmental Affairs

AMEC Earth & Environmental, Inc.  
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FIGURE  
**7**

**Inset Map**

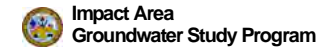


**Sources & Notes:**  
 Base map data from US Geological Survey  
 7 1/2 minute Topographic maps.  
 Source: Office of Geographic and  
 Environmental Information (MassGIS)  
 Commonwealth of Massachusetts  
 Executive Office of Environmental Affairs

- Validated Detection Less than Maximum Contaminant Level/Health Advisories
- Validated Non-Detect
- Proposed Water Supply Well
- + Current Gun Position
- Water Table Contour (Feet NGVD), AMEC, September 2003

Note: Map dot colors are representative of the highest historical concentration at each well and not the current concentration level. Historical data presented on this figure range from November 1996 through 2007.

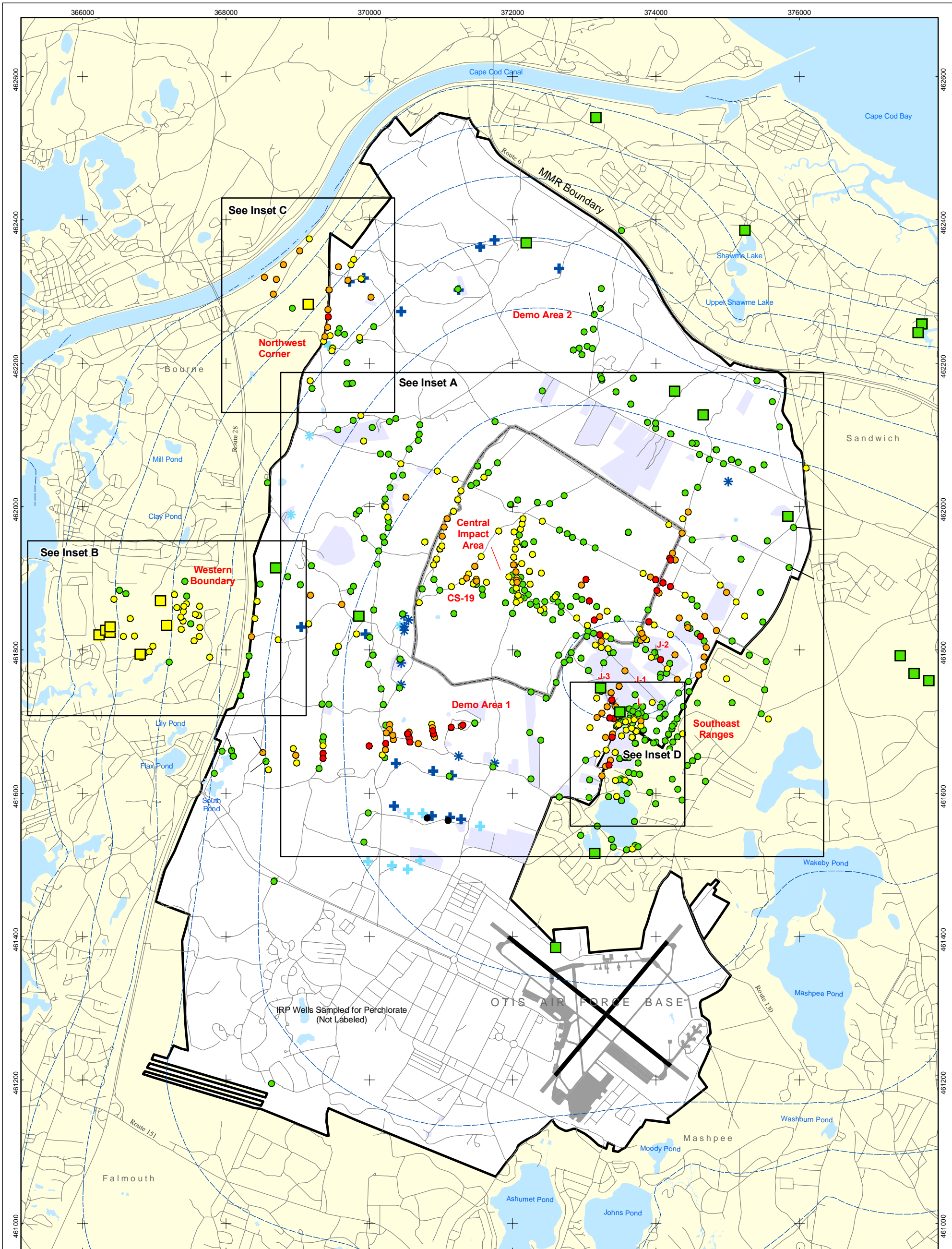
**Herbicides & Pesticides in Groundwater Compared to Maximum Contaminant Level/Health Advisories Validated Data as of 03/31/08**



AMEC Earth & Environmental, Inc.  
 Westford, Massachusetts

*Inset Map B*

FIGURE  
7

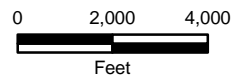


- Validated Detection Greater than or Equal to 24 ppb
- Validated Detection Greater than or Equal to 2 and Less than 24 ppb
- Validated Detection Greater than Non-Detect and Less than 2 ppb
- Validated Non-Detect

Note: Map dot colors are representative of the highest historical concentration at each well and not the current concentration level. Historical data presented on this figure range from November 1996 through 2007.

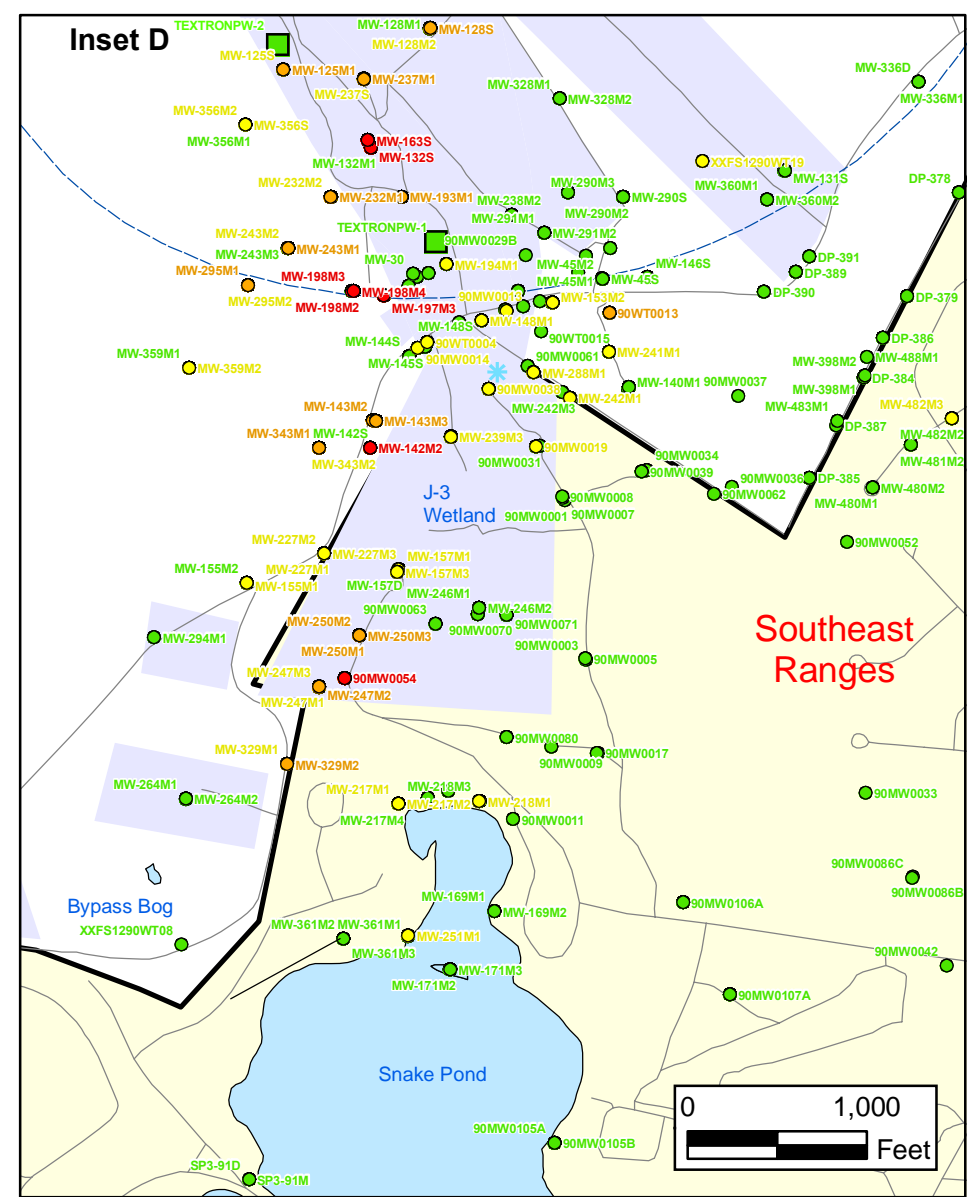
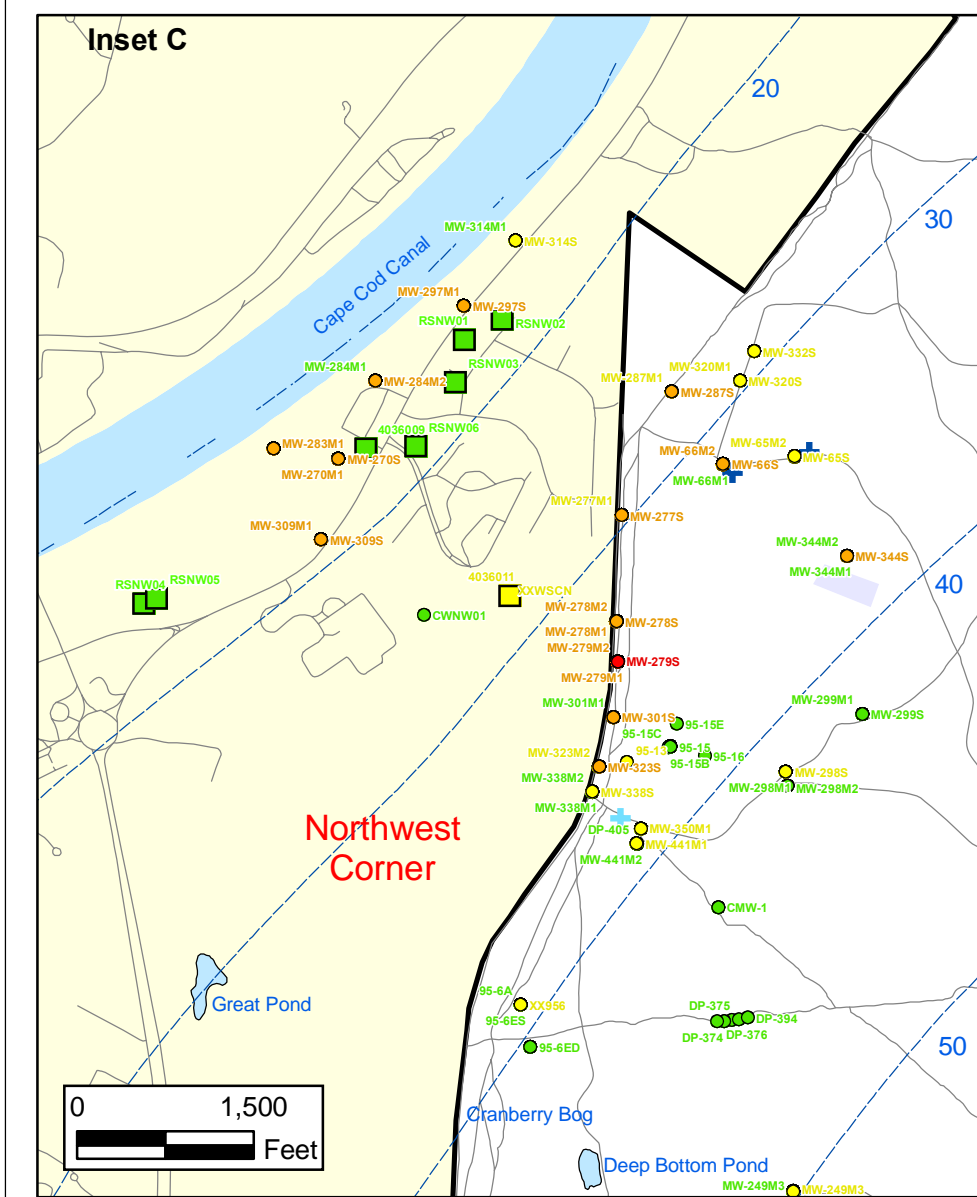
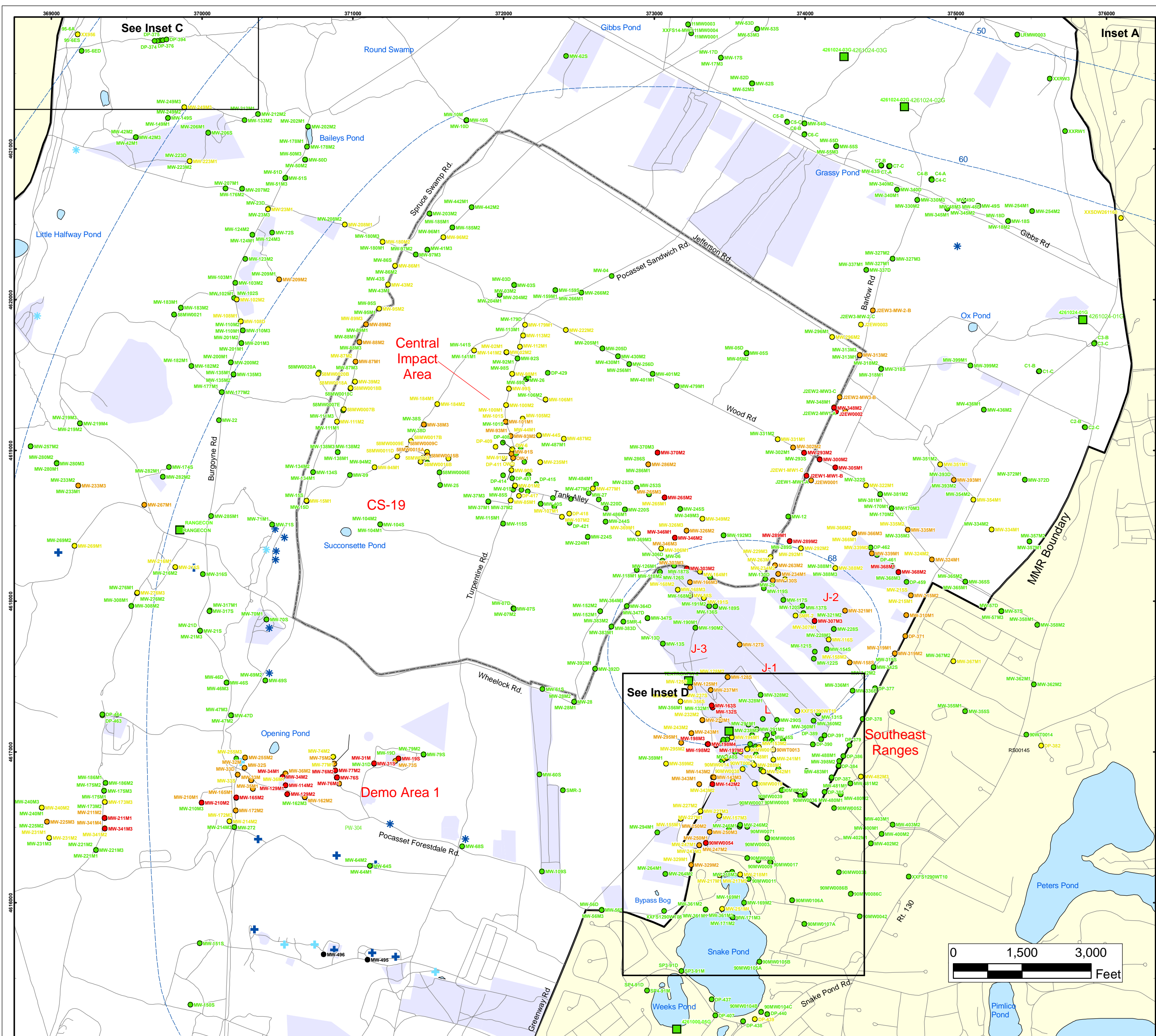
- Data Pending
- Proposed Monitoring Well
- ⊕ Current Gun Position
- ⊛ Current Mortar Position
- ⊕ Old Gun Position
- ⊛ Old Mortar Position

- Validated Non-Detect Water Supply Well
- Validated Detection Less than 2 ppb Water Supply Well
- Proposed Water Supply Well
- Water Table Contour (Feet NGVD) AMEC, September 2003
- Military Range Areas



Sources & Notes  
 Base map data from US Geological Survey  
 7 1/2 minute Topographic Maps  
 Source: Office of Geographic and Environmental Information (MassGIS)  
 Commonwealth of Massachusetts  
 Executive Office of Environmental Affairs

**Perchlorate in Groundwater  
 Compared to a 2 ppb Concentration  
 Validated Data as of 2008**



### Perchlorate in Groundwater Compared to a 2 PPB Concentration Validated Data as of 2008

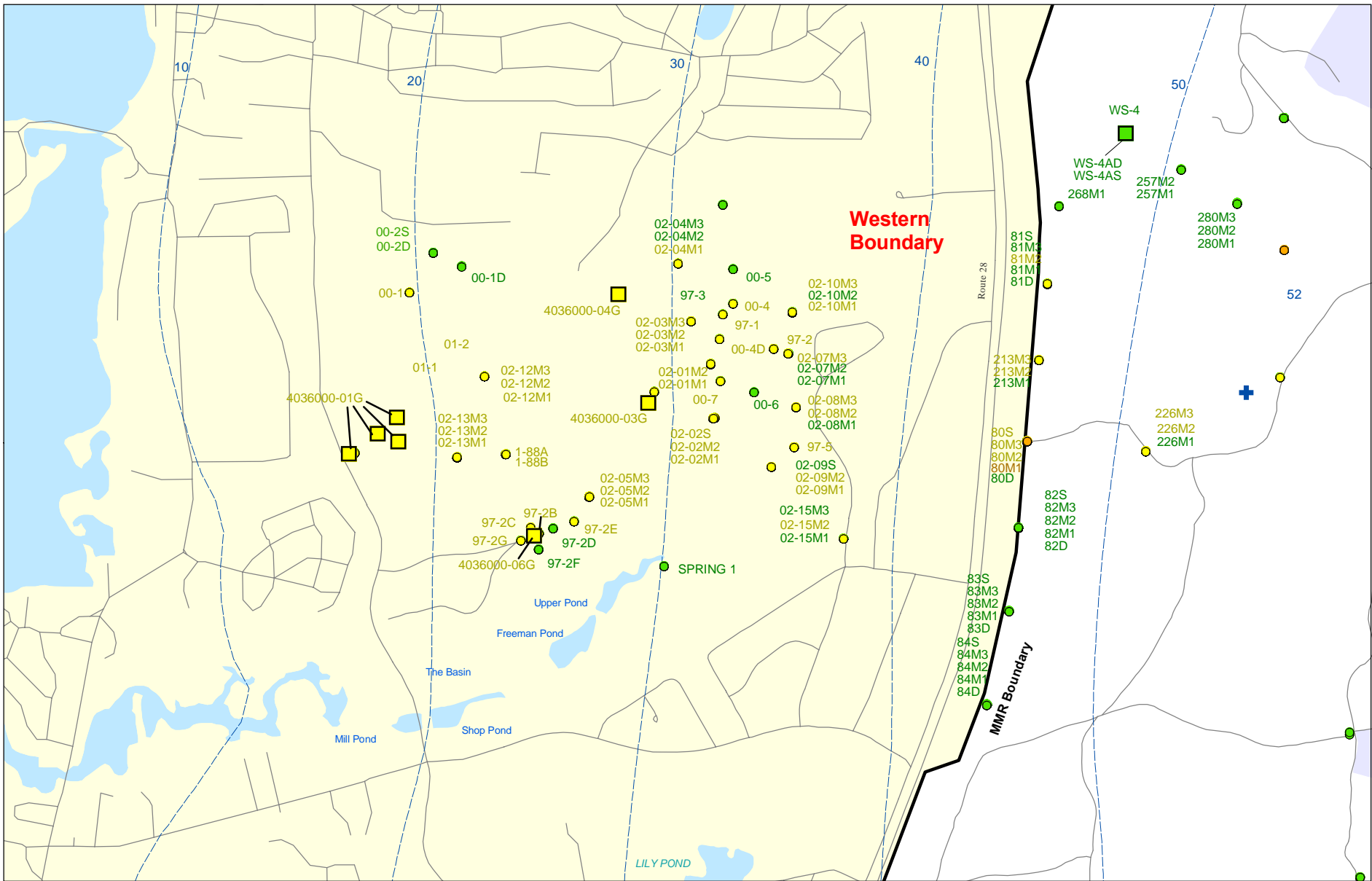
- Validated Detection Greater than or Equal to 24 ppb
- Validated Detection Greater than or Equal to 2 and Less than 24 ppb
- Validated Detection Less than 2 ppb
- Validated Non-Detect
- Data Pending
- Military Range Areas
- + Current Gun Position
- \* Current Mortar Position
- + Old Gun Position
- \* Old Mortar Position
- Validated Non-Detect Water Supply Well
- Validated Detection Less Than 2 ppb Water Supply Well
- Water Table Contour (Feet NGVD), AMEC, September 2003

Note: Map dot colors are representative of the highest historical concentration at each well and not the current concentration level. Historical data presented on this figure range from November 1996 through 2007.

ECC-MMR  
Cape Cod, Massachusetts

**FIGURE**  
**8**





Sources & Notes:  
 Base map data from US Geological Survey  
 7 1/2 minute Topographic maps.  
 Source: Office of Geographic and  
 Environmental Information (MassGIS)  
 Commonwealth of Massachusetts  
 Executive Office of Environmental Affairs

- Validated Detection Greater than or Equal to 2 and Less than 24 ppb
- Validated Detection Greater than Non-Detect and Less than 2 ppb
- Validated Non-Detect

- Validated Detection Less than 2 ppb Water Supply Well
- Validated Non-Detect Water Supply Well
- + Current Gun Position
- Water Table Contour (Feet NGVD)  
AMEC, September 2003

### Perchlorate in Groundwater Compared to a 2 ppb Concentration Validated Data as of 2008



Impact Area  
 Groundwater Study Program

ECC-MMR  
 Cape Cod, Massachusetts

Note: Map dot colors are representative of the highest historical concentration at each well and not the current concentration level. Historical data presented on this figure range from November 1996 through 2007.

Inset Map B

Activity ID	Activity Description	Orig Dur	Rem Dur	Anticipated /Actual Start	Anticipated /Actual Finish	FY08					FY09					FY10					FY11					FY12																													
						F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S						
<b>Demolition Area 1</b>																															General Notes: A. 55-65 day - Agency Review/Approve Activity Includes: 15-25 days: Agency Review/Comment 15 days: Prepare/Submit RCL 5 days: Agency Review RCL 5 days: Agency Conduct CRM 10 days: Prepare/Submit MOR 5 days: Agency Approve MOR																								
<b>Demolition Area 1 Soil</b>																																																							
DM1782	Prepare Demo 1 Supplemental Post Screening Rpt	345	35	06SEP06A	21MAR08	Prepare Demo 1 Supplemental Post Screening Rpt																																																	
00145	Agency Review/Approve Draft Demo 1 RRA Soil COWR	599*	68*	22DEC05A	07MAY08	Agency Review/Approve Draft Demo 1 RRA Soil COWR																																																	
DM0920	Prepare/Submit Final Demo 1 RRA Soil COWR	20	20	08MAY08	05JUN08	Prepare/Submit Final Demo 1 RRA Soil COWR																																																	
<b>Demolition Area 1 Groundwater</b>																																																							
CL0100	Agency Review/Approve Draft Demo 1 ESPM Plan	251*	11*	20FEB07A	15FEB08	Agency Review/Approve Draft Demo 1 ESPM Plan																																																	
CL0130	Prepare/Submit Final Demo 1 ESPM Plan	20	20	19FEB08	17MAR08	Prepare/Submit Final Demo 1 ESPM Plan																																																	
CL0140	Prepare/Submit Dr Demo1 GW Remedial Const Rpt	40	0	26JUN07A	05NOV07A																																																		
CL0220	Agency Revw/Appr Dr Demo1 GW Remedial Const Rpt	104*	45*	06NOV07A	04APR08	Agency Revw/Appr Dr Demo1 GW Remedial Const Rpt																																																	
CL0240	Prep/Sub Final Demo1 GW Remedial Const Rpt	20	20	07APR08	02MAY08	Prep/Sub Final Demo1 GW Remedial Const Rpt																																																	
CL0245	EPA Approve Demo1 GW Remedial Construction Rpt	15	15	05MAY08	23MAY08	EPA Approve Demo1 GW Remedial Construction Rpt																																																	
<b>Demolition Area 1</b>																																																							
DL0000	Prepare/Submit Draft Demo 1 DD Amendment	45	45	31MAR08	02JUN08	Prepare/Submit Draft Demo 1 DD Amendment																																																	
DL0080	Agency Review/Approve Draft Demo1 DD Amendment	55*	55*	03JUN08	19AUG08	Agency Review/Approve Draft Demo1 DD Amendment																																																	
DL0100	Prepare/Submit Final Demo 1 DD Amendment	20	20	20AUG08	17SEP08	Prepare/Submit Final Demo 1 DD Amendment																																																	
DL0110	EPA Issue Demo 1 DD Amendment	15	15	18SEP08	08OCT08	EPA Issue Demo 1 DD Amendment																																																	
<b>J-1 Range</b>																																																							
CL0360	Prepare/Submit Draft J-1 South RRA GW COWR	66	21	15OCT07A	03MAR08	Prepare/Submit Draft J-1 South RRA GW COWR																																																	
CL0440	Agency Review/Approve Draft J-1 Sth RRA GW COWR	55*	55*	04MAR08	19MAY08	Agency Review/Approve Draft J-1 Sth RRA GW COWR																																																	
CL0460	Prepare/Submit Final J-1 South RRA GW COWR	20	20	20MAY08	17JUN08	Prepare/Submit Final J-1 South RRA GW COWR																																																	
U1100	Scoping MtgDraft J-1 Sth/Nth UXO SourceAssess WP	1	1	09JUN08*	09JUN08	Scoping MtgDraft J-1 Sth/Nth UXO SourceAssess WP																																																	
U1105	Prp/Sbmt Draft J-1 Sth/Nth UXO SourceAssess WP	30	30	10JUN08	22JUL08	Prp/Sbmt Draft J-1 Sth/Nth UXO SourceAssess WP																																																	
U1110	Agency Rev/Appr Drft J-1Sth/Nth UXO Source As WP	65	65	23JUL08	23OCT08	Agency Rev/Appr Drft J-1Sth/Nth UXO Source As WP																																																	
U1120	Prep/Sbmt Final J-1 Sth/Nth UXO SourceAssess WP	20	20	24OCT08	21NOV08	Prep/Sbmt Final J-1 Sth/Nth UXO SourceAssess WP																																																	
U1130	Incorporate J-1 Sth/Nth UXO Source Assessment WP	60	60	22NOV08	23JAN09	Incorporate J-1 Sth/Nth UXO Source Assessment WP																																																	
10066	Prepare/Submit Draft J-1 South RI/FS Rpt	373	235	16JUL07A	23JAN09	Prepare/Submit Draft J-1 South RI/FS Rpt																																																	
10071	Agency Review/Approve Drft J-1 South RI/FS	65*	65*	26JAN09	27APR09	Agency Review/Approve Drft J-1 South RI/FS																																																	
10088	Prepare/Submit Final J-1 South RI/FS Rpt	20	20	28APR09	26MAY09	Prepare/Submit Final J-1 South RI/FS Rpt																																																	

Start Date 01JAN06  
Finish Date 20DEC69  
Data Date 01FEB08  
Run Date 04FEB08 14:02

U234  
RCS - Revised Format  
as of 01FEB08

Sheet 1 of 12

Activity ID	Activity Description	Orig Dur	Rem Dur	Anticipated /Actual Start	Anticipated /Actual Finish	FY08												FY09												FY10												FY11												FY12																							
						FY08			FY09			FY10			FY11			FY12			FY08			FY09			FY10			FY11			FY12																																												
						F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O															
10116	Prepare/Submit Draft J-1 North RI/FS Rpt	326	235	20SEP07A	23JAN09	Prepare/Submit Draft J-1 North RI/FS Rpt																																																																							
10121	Agency Review/Approve Draft J-1 North RI/FS	65*	65*	26JAN09	27APR09													Agency Review/Approve Draft J-1 North RI/FS																																																											
10138	Prepare/Submit Final J-1 North RI/FS Rpt	20	20	28APR09	26MAY09													Prepare/Submit Final J-1 North RI/FS Rpt																																																											
R1065	Prep/Subm Near Term Plume Migration Assess J-1N	41	41	01FEB08*	31MAR08	Prep/Subm Near Term Plume Migration Assess J-1N																																																																							
R1000	Prepare/Submit Draft J-1 North GW RRA	132	132	01AUG08*	10FEB09													Prepare/Submit Draft J-1 North GW RRA																																																											
R1010	Agency Review/Approve Draft J-1 North GW RRA	65	65	11FEB09	13MAY09													Agency Review/Approve Draft J-1 North GW RRA																																																											
R1040	Design J-1 North GW RRA	88	88	05MAR09	08JUL09													Design J-1 North GW RRA																																																											
R1020	Prepare/Submit Final J-1 North GW RRA	20	20	14MAY09	11JUN09													Prepare/Submit Final J-1 North GW RRA																																																											
R1060	Prepare/Submit Draft J-1 North GW RRA SPM Plan	60	60	26JUN09	21SEP09													Prepare/Submit Draft J-1 North GW RRA SPM Plan																																																											
R1070	Agency Review/Approve Draft J-1N GW RRA SPM Plan	65	65	22SEP09	24DEC09													Agency Review/Approve Draft J-1N GW RRA SPM Plan																																																											
R1050	Construct/Startup J-1 North GW RRA	243	243	28DEC09	13DEC10													Construct/Startup J-1 North GW RRA																																																											
R1080	Prepare/Submit Final J-1 North GW RRA SPM Plan	20	20	28DEC09	25JAN10													Prepare/Submit Final J-1 North GW RRA SPM Plan																																																											
R1090	Prep/Sub Draft J-1 North GW RRA COWR	60	60	15OCT10	12JAN11													Prep/Sub Draft J-1 North GW RRA COWR																																																											
R1100	Agency Revw/Appr Draft J-1 North GW RRA COWR	65	65	13JAN11	14APR11													Agency Revw/Appr Draft J-1 North GW RRA COWR																																																											
R1110	Prep/Sbmt Final J-1 North GW RRA COWR	20	20	15APR11	12MAY11													Prep/Sbmt Final J-1 North GW RRA COWR																																																											
SL0090	Prepare/Submit Draft J-1 RSP	15	15	13MAY11	03JUN11													Prepare/Submit Draft J-1 RSP																																																											
SL0100	Agency Review/Approve Draft J-1 RSP	55*	55*	06JUN11	22AUG11													Agency Review/Approve Draft J-1 RSP																																																											
SL0110	Prepare/Submit Final J-1 RSP	10	10	23AUG11	06SEP11													Prepare/Submit Final J-1 RSP																																																											
SL0120	Formal Public Comment J-1 RSP	30	30	07SEP11	06OCT11													Formal Public Comment J-1 RSP																																																											
SL0130	Prepare/Submit Draft J-1 DD	20	20	07OCT11	04NOV11													Prepare/Submit Draft J-1 DD																																																											
SL0140	Agency Review/Approve Draft J-1 DD	65*	65*	07NOV11	09FEB12													Agency Review/Approve Draft J-1 DD																																																											
SL0150	Prepare/Submit Final J-1 DD	20	20	10FEB12	09MAR12													Prepare/Submit Final J-1 DD																																																											
SL0160	EPA Issue J-1 DD	15	15	12MAR12	30MAR12													EPA Issue J-1 DD																																																											

**J-2 Range**

**J-2 Range Soil**

PW1614	Conduct J-2 Supplemental Soil Investigation	386*	98*	11DEC06A	19JUN08	Conduct J-2 Supplemental Soil Investigation																																																																							
U1200	Scoping Meeting Draft J-2 UXO Source AssessWP	1	1	22JUL08*	22JUL08	Scoping Meeting Draft J-2 UXO Source AssessWP																																																																							
U1205	Prepare/Submit Draft J-2 UXO Source AssessWP	30	30	23JUL08	03SEP08	Prepare/Submit Draft J-2 UXO Source AssessWP																																																																							
U1210	Agency Review/Appr Draft J-2 UXO SourceAssess.WP	65	65	04SEP08	08DEC08	Agency Review/Appr Draft J-2 UXO SourceAssess.WP																																																																							
U1220	Prepare/Submit Final J-2 UXO Source Assess. WP	20	20	09DEC08	07JAN09	Prepare/Submit Final J-2 UXO Source Assess. WP																																																																							
U1230	Incorporate J-2 UXO Source Assesment Work Plan	60	60	08JAN09	09MAR09	Incorporate J-2 UXO Source Assesment Work Plan																																																																							

Activity ID	Activity Description	Orig Dur	Rem Dur	Anticipated /Actual Start	Anticipated /Actual Finish	FY08				FY09				FY10				FY11				FY12									
						F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M
00325	Prepare/Submit Draft J-2 UXO/Source RI/FS Rpt	179	179	20JUN08	09MAR09																										
00329	Agency Rvw/Approve Draft J-2 UXO/Source RI/FS Rt	65*	65*	10MAR09	09JUN09																										
J20038	Prepare/Submit Final J-2 UXO/Source RI/FS Rpt	20	20	10JUN09	08JUL09																										
<b>J-2 Range Groundwater</b>																															
00353	Agency Review/Approve J-2 GW RI/FS Rpt	267*	5*	18JAN07A	07FEB08																										
0698	Prepare/Submit Interim Final J-2 GW RI/FS Rpt	20	20	08FEB08	07MAR08																										
00369	Construct/Startup J-2 Range GW Treatment System	254*	153*	06SEP07A	08SEP08																										
CL0580	Agency Review/Approve Draft J-2E SPM Plan	137*	0*	29JUN07A	16JAN08A																										
CL0600	Prepare/Submit Final J-2E SPM Plan	20	10	17JAN08A	14FEB08																										
CL0605	Prep/Sub Draft J-2 Remedial Construction Rpt	60	60	14JUL08	06OCT08																										
CL0615	Agency Revw/Appr Draft J-2 Remedial Const Rpt	55	55	07OCT08	26DEC08																										
CL0625	Prepare/Submit Final J-2 Remedial Const Rpt	20	20	29DEC08	26JAN09																										
CL0635	EPA Approve Final J-2 Remedial Construction Rpt	15	15	27JAN09	17FEB09																										
<b>J-2 Range</b>																															
CL1200	Prepare/Submit Draft J-2 RSP	10	10	09JUL09	22JUL09																										
CL1280	Agency Review/Approve Draft J-2 RSP	50*	50*	23JUL09	01OCT09																										
CL1300	Prepare/Submit Final J-2 RSP	10	10	02OCT09	16OCT09																										
CL1305	Formal Public Comment J-2 RSP	30	30	17OCT09	16NOV09																										
SL0300	Prepare/Submit Draft J-2 DD	45	45	17NOV09	21JAN10																										
SL0310	Agency Review/Approve Draft J-2 DD	65*	65*	22JAN10	23APR10																										
SL0330	Prepare/Submit Final J-2 DD	20	20	26APR10	21MAY10																										
SL0340	EPA Issue J-2 DD	15	15	24MAY10	14JUN10																										
<b>J-3 Range</b>																															
<b>J-3 Range Soil</b>																															
U1300	Scoping Mtg Draft J-3 UXO Source Assess WP	1	1	25APR08*	25APR08																										
U1305	Prepare/Submit Draft J-3 UXO Source Assess WP	30	30	28APR08	09JUN08																										
U1310	Agency Review/Appr Draft J-3 UXO SourceAssess.WP	65	65	10JUN08	10SEP08																										
U1320	Prepare/Submit Final J-3 UXO Source Assess WP	20	20	11SEP08	08OCT08																										
U1330	Incorporate J-3 UXO Source Assessment Work Plan	60	60	09OCT08	10DEC08																										
U1340	Prepare/Submit Draft J-3 UXO/Source RI	60	60	09OCT08	10DEC08																										
U1350	Agency Review/Appr Draft J-3 UXO/Source RI	65	65	11DEC08	16MAR09																										
U1360	Prepare/Submit Final J-3 UXO/Source RI	20	20	17MAR09	13APR09																										



Activity ID	Activity Description	Orig Dur	Rem Dur	Anticipated /Actual Start	Anticipated /Actual Finish	FY08				FY09				FY10				FY11				FY12											
						F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M
SL0400	Prepare/Submit Draft L LTM Plan	60	60	01DEC09	25FEB10																												
SL0410	Agency Review/Approve Draft L LTM Plan	55*	55*	26FEB10	13MAY10																												
SL0420	Prepare/Submit Final L LTM Plan	20	20	14MAY10	11JUN10																												
<b>Central Impact Area</b>																																	
00261	Prepare/Submit Draft CIA UXO/Source Investig Rt	920	0	04APR04A	08JAN08A																												
00263	Agency Rvw/Approve Draft CIA UXO/Source Investig	65	50	09JAN08A	11APR08																												
00299	Prepare/Submit Final CIA UXO/Source Investig Rpt	20	20	14APR08	09MAY08																												
22130	Agency Review/Approve CIA Dft FS Scrn Rpt	85	44	16APR07A	03APR08																												
22135	Prep/Sbmt Near Term Plume Migration Assess CIA	41	41	01FEB08*	31MAR08																												
22131	Prepare/Submit Final CIA Dft FS Scrn Rpt	20	20	04APR08	01MAY08																												
22210	Prepare/Submit Draft CIA FS	206*	206*	05MAY08	27FEB09																												
22230	Agency Review/Approve Draft CIA FS	85	85	02MAR09	29JUN09																												
22231	Prepare/Submit Final CIA FS	20	20	30JUN09	28JUL09																												
R2000	Prepare/Submit Draft CIA RRA	110*	110*	27AUG08*	04FEB09																												
R2010	Agency Review/Approve Draft CIA RRA	65	65	05FEB09	07MAY09																												
R2020	Prepare/Submit Final CIA RRA	20	20	08MAY09	05JUN09																												
R2030	Design CIA RRA	120	120	08JUN09	27NOV09																												
R2050	Prepare/Submit Draft CIA GW RRA SPM Plan	60	60	07DEC09	03MAR10																												
R2060	Agency Review/Approve Draft CIA GW RRA SPM Plan	65	65	04MAR10	03JUN10																												
R2070	Prepare/Submit Final CIA GW RRA SPM Plan	20	20	04JUN10	01JUL10																												
R2040	Construct/Startup CIA RRA	121	121	02JUL10	27DEC10																												
R2080	Prep/Sub Draft CIA COWR	60	60	28OCT10	25JAN11																												
R2090	Agency Revw/Appr Draft CIA COWR	65	65	26JAN11	27APR11																												
R2100	Prep/Sbmt Final CIA COWR	20	20	28APR11	25MAY11																												
32510	Prepare/Submit Draft CIA RSP	30	30	30JUN09	11AUG09																												
32520	Agency Review/Approve Draft CIA RSP	55	55	12AUG09	29OCT09																												
32530	Prepare/Submit Final CIA RSP	20	20	30OCT09	30NOV09																												
32540	Formal Public Comment CIA RSP	30	30	01DEC09	31DEC09																												
CI0080	Prepare/Submit Draft CIA DD	40	40	01DEC09	27JAN10																												
CI0090	Agency Review/Approve Draft CIA DD	65	65	28JAN10	29APR10																												



Activity ID	Activity Description	Orig Dur	Rem Dur	Anticipated /Actual Start	Anticipated /Actual Finish	FY08			FY09				FY10				FY11				FY12													
						F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
WB1022	Prepare/Submit Draft Western Boundary RSP	30	30	04MAR08	14APR08	Prepare/Submit Draft Western Boundary RSP																												
WB1024	Agency Review/Approve Draft Western Boundary RSP	55*	55*	15APR08	01JUL08	Agency Review/Approve Draft Western Boundary RSP																												
WB1026	Prepare/Submit Final Western Boundary RSP	10	10	02JUL08	16JUL08	Prepare/Submit Final Western Boundary RSP																												
WB1028	Formal Public Comment Western Boundary RSP	30	30	17JUL08	15AUG08	Formal Public Comment Western Boundary RSP																												
WB4010	Prepare/Submit Draft Western Boundary DD	20	20	18AUG08	15SEP08	Prepare/Submit Draft Western Boundary DD																												
WB4060	Agency Review/Approve Draft Western Boundary DD	65*	65*	16SEP08	18DEC08	Agency Review/Approve Draft Western Boundary DD																												
WB4080	Prepare/Submit Final Western Boundary DD	20	20	19DEC08	19JAN09	Prepare/Submit Final Western Boundary DD																												
WB4090	EPA Issue Western Boundary DD	15	15	20JAN09	09FEB09	EPA Issue Western Boundary DD																												
WB4220	Prepare/Submit Draft Western Boundary LTM Plan	45	45	10FEB09	14APR09	Prepare/Submit Draft Western Boundary LTM Plan																												
WB4300	Agency Review/Approve Draft Western Bnd LTM Plan	55*	55*	15APR09	01JUL09	Agency Review/Approve Draft Western Bnd LTM Plan																												
WB4320	Prepare/Submit Final Western Boundary LTM Plan	20	20	02JUL09	30JUL09	Prepare/Submit Final Western Boundary LTM Plan																												

**Demo 2**

01574	Prepare/Submit Draft Demo 2 RI/FS Rpt	268*	56*	30MAR07A	21APR08	Prepare/Submit Draft Demo 2 RI/FS Rpt																							
01578	Agency Review/Approve Draft Demo 2 RI/FS Rpt	65*	65*	22APR08	23JUL08	Agency Review/Approve Draft Demo 2 RI/FS Rpt																							
01579	Prepare/Submit Final Demo 2 RI/FS Rpt	20	20	24JUL08	20AUG08	Prepare/Submit Final Demo 2 RI/FS Rpt																							
01608	Prepare/Submit Draft Demo 2 RSP	30	30	21AUG08	02OCT08	Prepare/Submit Draft Demo 2 RSP																							
01609	Agency Review/Approve Draft Demo 2 RSP	55*	55*	03OCT08	23DEC08	Agency Review/Approve Draft Demo 2 RSP																							
01611	Prepare/Submit Final Demo 2 RSP	20	20	24DEC08	22JAN09	Prepare/Submit Final Demo 2 RSP																							
01613	Formal Public Comment Demo 2 RSP	30	30	23JAN09	22FEB09	Formal Public Comment Demo 2 RSP																							
01615	Prepare/Submit Draft Demo 2 DD	20	20	23FEB09	20MAR09	Prepare/Submit Draft Demo 2 DD																							
01623	Agency Review/Approve Demo 2 DD	65*	65*	23MAR09	22JUN09	Agency Review/Approve Demo 2 DD																							
01624	Prepare/Submit Final Demo 2 DD	20	20	23JUN09	21JUL09	Prepare/Submit Final Demo 2 DD																							
01625	EPA Issue Demo 2 DD	15	15	22JUL09	11AUG09	EPA Issue Demo 2 DD																							
2D0100	Prepare/Submit Draft Demo 2 LTM Plan	45	45	12AUG09	15OCT09	Prepare/Submit Draft Demo 2 LTM Plan																							
2D0110	Agency Review/Approve Draft Demo 2 LTM Plan	55*	55*	16OCT09	06JAN10	Agency Review/Approve Draft Demo 2 LTM Plan																							
2D0120	Prepare/Submit Final Demo 2 LTM Plan	20	20	07JAN10	03FEB10	Prepare/Submit Final Demo 2 LTM Plan																							

**Gun & Mortar**

00608	Agency Review/Approve Draft G&M Invest Workplan	272*	27*	12FEB07A	11MAR08	Agency Review/Approve Draft G&M Invest Workplan																							
00619	Prepare Final G&M Investigation Workplan	20	20	12MAR08	08APR08	Prepare Final G&M Investigation Workplan																							
CL2116	Conduct G&M Investigation	269	111	19MAR07A	11JUL08	Conduct G&M Investigation																							





Activity ID	Activity Description	Orig Dur	Rem Dur	Anticipated /Actual Start	Anticipated /Actual Finish	FY08				FY09				FY10				FY11				FY12										
						F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A
FA0510	Agency Review/Approve Draft Former A DD	65	65	24AUG09	25NOV09									*																		
FA0530	Prepare/Submit Final Former A DD	20	20	27NOV09	24DEC09														*													
FA0540	EPA Issue Former A DD	15	15	28DEC09	18JAN10																											
FA0550	Prepare/Submit Draft Former A LTM Plan	45	45	19JAN10	23MAR10																											
FA0560	Agency Review/Approve Draft Former A LTM Plan	55	55	24MAR10	09JUN10																											
FA0570	Prepare/Submit Final Former A LTM Plan	20	20	10JUN10	08JUL10																											

**Former K Range**

01510	Agency Review/Approve Former K RI Report	569*	6*	04NOV05A	08FEB08	*																												
U1700	Scoping Mtg Draft Former K UXO Source Assess WP	1	1	14MAR08*	14MAR08						*																							
U1705	Prep/Submit Draft Former K UXO Source Assess WP	30	30	17MAR08	25APR08						*																							
U1710	Agency Rev/Appr Draft Fmr K UXO Source Assess WP	65	65	28APR08	29JUL08						*																							
U1720	Prepare/Submit Final Fmr K UXO Source Assess WP	20	20	30JUL08	26AUG08							*																						
U1730	Incorporate Former K UXO Source Assess Work Plan	60	60	27AUG08	21NOV08							*																						
K01572	Prepare/Submit Draft Final Former K RI Report	88	88	18JUL08	21NOV08							*																						
K01573	Agency Review/Approve Dr Final Former K RI Rpt	65	65	24NOV08	26FEB09							*																						
K01574	Prepare/Submit Final Former K RI Report	20	20	27FEB09	26MAR09								*																					
FK0500	Prepare/Submit Draft Former K DD	20	20	27MAR09	23APR09								*																					
FK0510	Agency Review/Approve Draft Former K DD	65	65	24APR09	27JUL09									*																				
FK0520	Formal Public Comment Former K DD	30	30	08MAY09	07JUN09								*																					
FK0530	Prepare/Submit Final Former K DD	20	20	28JUL09	24AUG09									*																				
FK0540	EPA Issue Former K DD	15	15	25AUG09	15SEP09									*																				
FK0550	Prepare/Submit Draft Former K LTM Plan	45	45	16SEP09	19NOV09									*																				
FK0560	Agency Review/Approve Draft Former K LTM Plan	55	55	20NOV09	09FEB10									*																				
FK0570	Prepare/Submit Final Former K LTM Plan	20	20	10FEB10	10MAR10										*																			

**Phase II b**

01560	Agency Review/Approve Draft IIb Investig. Report	1,276*	40*	01APR03A	28MAR08	*																											
2B1140	Prepare/Submit Final Phase IIb Investigation Rpt	20	20	31MAR08	25APR08						*																						
2B0200	Prepare/Submit Draft Phase IIb NFA DD	45	45	28APR08	30JUN08						*																						
2B0201	Agency Review/Approve Draft Phase IIb NFA DD	65	65	01JUL08	01OCT08								*																				





Activity ID	Activity Description	Orig Dur	Rem Dur	Anticipated /Actual Start	Anticipated /Actual Finish	FY08					FY09					FY10					FY11					FY12																	
						F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M
<b>Wide Area Source Assessment</b>																																											
02806	Agency Review/Approve Draft WASA Workplan	711*	68*	13JUL05A	07MAY08	* Agency Review/Approve Draft WASA Workplan																																					
TC00815	Prepare/Submit Final WASA Workplan	20	20	08MAY08	05JUN08	* Prepare/Submit Final WASA Workplan																																					
WA0002	Conduct WASA Investigation	85	85	06JUN08	06OCT08	* Conduct WASA Investigation																																					
WA0004	Prepare/Submit Draft WASA Investigation Rpt	135	135	07OCT08	21APR09	* Prepare/Submit Draft WASA Investigation Rpt																																					
WA0006	Agency Review/Approve Draft WASA Investigation	65	65	22APR09	23JUL09	* Agency Review/Approve Draft WASA Investigation																																					
WA0008	Prepare Final WASA Investigation Report	20	20	24JUL09	20AUG09	* Prepare Final WASA Investigation Report																																					
WA0000	Prepare/Submit Draft WASA Soil RRA Plan	60	60	07OCT08	05JAN09	* Prepare/Submit Draft WASA Soil RRA Plan																																					
WA0010	Agency Review/Approve Draft WASA Soil RRA Plan	55	55	06JAN09	24MAR09	* Agency Review/Approve Draft WASA Soil RRA Plan																																					
WA0020	Informal Public Comment WASA Soil RRA Plan	15	15	27JAN09	10FEB09	* Informal Public Comment WASA Soil RRA Plan																																					
WA0030	Prepare/Submit Final WASA Soil RRA Plan	20	20	25MAR09	21APR09	* Prepare/Submit Final WASA Soil RRA Plan																																					
WA0040	Conduct WASA Soil RRA	30	30	22APR09	03JUN09	* Conduct WASA Soil RRA																																					
WA0050	Prepare/Submit Draft WASA Soil COWR	60	60	04JUN09	27AUG09	* Prepare/Submit Draft WASA Soil COWR																																					
WA0060	Agency Review/Approve Draft WASA Soil COWR	55	55	28AUG09	17NOV09	* Agency Review/Approve Draft WASA Soil COWR																																					
WA0070	Prepare/Submit WASA Final Soil COWR	20	20	18NOV09	16DEC09	* Prepare/Submit WASA Final Soil COWR																																					
WA0080	Prepare/Submit Draft WASA NFA DD	45	45	17DEC09	22FEB10	* Prepare/Submit Draft WASA NFA DD																																					
WA0090	Agency Review/Approve Draft WASA NFA DD	65	65	23FEB10	24MAY10	* Agency Review/Approve Draft WASA NFA DD																																					
WA0110	Prepare/Submit Final WASA NFA DD	20	20	25MAY10	22JUN10	* Prepare/Submit Final WASA NFA DD																																					
WA0120	EPA Issue WASA NFA DD	15	15	23JUN10	14JUL10	* EPA Issue WASA NFA DD																																					