

**APPENDIX H**  
**LABORATORY ANALYTICAL DATA**

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APPENDIX H LABORATORY ANALYTICAL RESULTS LOCATOR SHEET

Sample Description	Parameter Group	Table Number	Page Number
Surface Soil	Explosives and Propellants	H-1	5
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	Volatile Organic Compounds	H-5	57
Subsurface Soil	Explosives and Propellants	H-6	63
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	Pesticides and PCBs	H-8	89
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	Volatile Organic Compounds	H-10	97
Sediment	Explosives and Propellants	H-11	101
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	Pesticides and PCBs	H-13	117
	Semivolatile Organic Compounds	H-14	125
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Surface Water	Explosives and Propellants	H-16	165
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Groundwater	Explosives and Propellants	H-21	189
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EXPLANATION OF LAB QUALIFIERS and ABBREVIATIONS

N/A = indicates no analysis performed due to being contingency sample

Qualifier Definitions:

U = Indicates that the compound was analyzed for but not detected at or above the reporting limit

J = estimated

B = Indicates that reported value was less than the reporting limit but greater or equal to the IDL/MDL

N = Spiked sample recovery not within control limits

E = Indicates that reported value is estimated because of possible presence of interference

\* = Duplicate sample not within control limits

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**Table H-1 Surface Soil Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 001	FBQ 002	FBQSS-003	FBQ 004	FBQ 005
Sample ID		FBQSS-001-0001-SO	FBQSS-002-0003-SO	FBQSS-003-0005-SO	FBQSS-004-0007-SO	FBQSS-005-0009-SO
Date Collected		10/14/2003	10/14/2003	10/20/2003	10/20/2003	10/20/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	N/A	N/A	N/A	N/A	N/A
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	100U	100U	100U	40J	41J
Nitrobenzene	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitrocellulose	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroglycerine	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroguanidine	µg/kg	N/A	N/A	N/A	N/A	N/A
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-1 Surface Soil Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 006	FBQ 007	FBQ 008	FBQ 009	FBQ 010
Sample ID		FBQSS-006-0011-SO	FBQSS-007-0013-SO	FBQSS-008-0015-SO	FBQSS-009-0017-SO	FBQSS-010-0019-SO
Date Collected		10/20/2003	10/15/2003	10/14/2003	10/20/2003	10/14/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	430U	100U
2,4-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	430U	100U
2,6-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	N/A	N/A	N/A	N/A	N/A
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	83J	100U	100U	430U	100U
Nitrobenzene	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitrocellulose	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroglycerine	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroguanidine	µg/kg	N/A	N/A	N/A	N/A	N/A
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-1 Surface Soil Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 011	FBQ 012	FBQ 013	FBQ 014	FBQ 015
Sample ID		FBQSS-011-0021-SO	FBQSS-012-0023-SO	FBQSS-013-0025-SO	FBQSS-014-0027-SO	FBQSS-015-0029-SO
Date Collected		10/15/2003	10/20/2003	10/15/2003	10/14/2003	10/15/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	N/A	N/A	N/A	N/A	N/A
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	100U	100U	43J	100U	100U
Nitrobenzene	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitrocellulose	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroglycerine	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroguanidine	µg/kg	N/A	N/A	N/A	N/A	N/A
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-1 Surface Soil Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 016	FBQ 017	FBQ 018	FBQ 019	FBQ 020
Sample ID		FBQSS-016-0031-SO	FBQSS-017-0033-SO	FBQSS-018-0035-SO	FBQSS-019-0037-SO	FBQSS-020-0039-SO
Date Collected		10/13/2003	10/3/2003	10/20/2003	10/13/2003	10/9/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	100U	430U	410U	410U	100U
2,4-Dinitrotoluene	µg/kg	N/A	100U	100U	100U	N/A
2,6-Dinitrotoluene	µg/kg	100U	430U	410U	420U	100U
2,6-Dinitrotoluene	µg/kg	N/A	100U	100U	100U	N/A
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	N/A	430U	410U	420U	N/A
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	100U	430U	410U	420U	100U
Nitrobenzene	µg/kg	N/A	100U	410U	100U	N/A
Nitrocellulose	µg/kg	N/A	86	20U	110	N/A
Nitroglycerine	µg/kg	N/A	10000U	10000U	10000U	N/A
Nitroguanidine	µg/kg	N/A	130U	130U	130U	N/A
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U



**Table H-1 Surface Soil Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 021	FBQ 022	FBQ 023	FBQ 024	FBQ 025
Sample ID		FBQSS-021-0041-SO	FBQSS-022-0043-SO	FBQSS-023-0045-SO	FBQSS-024-0047-SO	FBQSS-025-0049-SO
Date Collected		10/9/2003	10/9/2003	10/10/2003	10/10/2003	10/9/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	N/A	N/A	N/A	N/A	N/A
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	100U	100U	100U	100U	100U
Nitrobenzene	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitrocellulose	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroglycerine	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroguanidine	µg/kg	N/A	N/A	N/A	N/A	N/A
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-1 Surface Soil Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 026	FBQ 027	FBQ 028	FBQ 029	FBQ 030
Sample ID		FBQSS-026-0051-SO	FBQSS-027-0053-SO	FBQSS-028-0055-SO	FBQSS-029-0057-SO	FBQSS-030-0059-SO
Date Collected		10/9/2003	10/10/2003	10/7/2003	10/8/2003	10/8/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	430U	100U
2,4-Dinitrotoluene	µg/kg	N/A	N/A	N/A	100U	N/A
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	430U	100U
2,6-Dinitrotoluene	µg/kg	N/A	N/A	N/A	100U	N/A
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	N/A	N/A	N/A	430U	N/A
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	100U	100U	100U	430U	100U
Nitrobenzene	µg/kg	N/A	N/A	N/A	100U	N/A
Nitrocellulose	µg/kg	N/A	N/A	N/A	19U	N/A
Nitroglycerine	µg/kg	N/A	N/A	N/A	10000U	N/A
Nitroguanidine	µg/kg	N/A	N/A	N/A	130U	N/A
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-1 Surface Soil Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 031	FBQ 032	FBQ 033	FBQ 034	FBQ 035
Sample ID		FBQSS-031-0061-SO	FBQSS-032-0063-SO	FBQSS-033-0065-SO	FBQSS-034-0067-SO	FBQSS-035-0069-SO
Date Collected		10/9/2003	10/8/2003	10/7/2003	10/7/2003	10/7/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	N/A	100U	N/A	N/A	N/A
2,6-Dinitrotoluene	µg/kg	100U	420U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	N/A	100U	N/A	N/A	N/A
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	N/A	420U	N/A	N/A	N/A
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	100U	420U	100U	100U	100U
Nitrobenzene	µg/kg	N/A	100U	N/A	N/A	N/A
Nitrocellulose	µg/kg	N/A	25	N/A	N/A	N/A
Nitroglycerine	µg/kg	N/A	10000U	N/A	N/A	N/A
Nitroguanidine	µg/kg	N/A	130U	N/A	N/A	N/A
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-1 Surface Soil Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 036	FBQ 037	FBQ 038	FBQ 039	FBQ 040
Sample ID		FBQSS-036-0071-SO	FBQSS-037-0073-SO	FBQSS-038-0075-SO	FBQSS-039-0077-SO	FBQSS-040-0079-SO
Date Collected		10/7/2003	10/3/2003	10/3/2003	10/3/2003	10/6/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	250	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	37J	490	100U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	70J	100U
2,6-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	330	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	430	100U
4-Nitroaniline	µg/kg	N/A	N/A	N/A	N/A	N/A
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	100U	100U	100U	100U	100U
Nitrobenzene	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitrocellulose	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroglycerine	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroguanidine	µg/kg	N/A	N/A	N/A	N/A	N/A
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-1 Surface Soil Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 041	FBQ 042	FBQ 043	FBQ 044	FBQ 045
Sample ID		FBQSS-041-0081-SO	FBQSS-042-0083-SO	FBQSS-043-0085-SO	FBQSS-044-0087-SO	FBQSS-045-0089-SO
Date Collected		10/3/2003	10/3/2003	10/2/2003	10/7/2003	10/13/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	1700	100U	100U	62J
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	1600	99000	320	100U	100U
2,4-Dinitrotoluene	µg/kg	100U	400	100U	100U	380U
2,4-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	100U
2,6-Dinitrotoluene	µg/kg	100U	1300	100U	100U	380U
2,6-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	100U
2-Amino-4,6-Dinitrotolue	µg/kg	550	12000	150	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	620	9700	220	100U	100U
4-Nitroaniline	µg/kg	N/A	N/A	N/A	N/A	380U
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	100U	100U	100U	100U	380U
Nitrobenzene	µg/kg	N/A	N/A	N/A	N/A	100U
Nitrocellulose	µg/kg	N/A	N/A	N/A	N/A	28
Nitroglycerine	µg/kg	N/A	N/A	N/A	N/A	10000U
Nitroguanidine	µg/kg	N/A	N/A	N/A	N/A	130U
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-1 Surface Soil Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 046	FBQ 047	FBQ 048	FBQ 049	FBQ 050
Sample ID		FBQSS-046-0091-SO	FBQSS-047-0093-SO	FBQSS-048-0095-SO	FBQSS-049-0097-SO	FBQSS-050-0099-SO
Date Collected		10/3/2003	10/2/2003	10/2/2003	10/10/2003	10/2/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	230	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	4400	100U	320	82J	47J
2,4-Dinitrotoluene	µg/kg	38J	100U	100U	100U	100
2,4-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2-Amino-4,6-Dinitrotolue	µg/kg	630	100U	170	140	730
4-Amino-2,6-Dinitrotolue	µg/kg	540	100U	340	110	400
4-Nitroaniline	µg/kg	N/A	N/A	N/A	N/A	N/A
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	100U	100U	100U	100U	100U
Nitrobenzene	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitrocellulose	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroglycerine	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroguanidine	µg/kg	N/A	N/A	N/A	N/A	N/A
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	330
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-1 Surface Soil Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 051	FBQ 052	FBQ 053	FBQ 054	FBQ 055
Sample ID		FBQSS-051-0101-SO	FBQSS-052-0103-SO	FBQSS-053-0105-SO	FBQSS-054-0107-SO	FBQSS-055-0109-SO
Date Collected		10/6/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	360	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	2400	100U	100U	27J
2,4-Dinitrotoluene	µg/kg	100U	160	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2-Amino-4,6-Dinitrotolue	µg/kg	100U	950	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	390	100U	100U	100U
4-Nitroaniline	µg/kg	N/A	N/A	N/A	N/A	N/A
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	100U	100U	100U	100U	100U
Nitrobenzene	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitrocellulose	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroglycerine	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroguanidine	µg/kg	N/A	N/A	N/A	N/A	N/A
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-1 Surface Soil Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 056	FBQ 057	FBQ 058	FBQ 059	FBQ 060
Sample ID		FBQSS-056-0111-SO	FBQSS-057-0113-SO	FBQSS-058-0115-SO	FBQSS-059-0117-SO	FBQSS-060-0119-SO
Date Collected		10/2/2003	10/1/2003	10/1/2003	10/6/2003	10/13/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	430U
2,4-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	100U
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	430U
2,6-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	100U
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	N/A	N/A	N/A	N/A	430U
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	100U	100U	100U	100U	430U
Nitrobenzene	µg/kg	N/A	N/A	N/A	N/A	100U
Nitrocellulose	µg/kg	N/A	N/A	N/A	N/A	150
Nitroglycerine	µg/kg	N/A	N/A	N/A	N/A	10000U
Nitroguanidine	µg/kg	N/A	N/A	N/A	N/A	130U
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U



**Table H-1 Surface Soil Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 061	FBQ 062	FBQ 063	FBQ 064	FBQ 065
Sample ID		FBQSS-061-0121-SO	FBQSS-062-0123-SO	FBQSS-063-0125-SO	FBQSS-064-0127-SO	FBQSS-065-0129-SO
Date Collected		11/14/2003	11/17/2003	11/14/2003	11/14/2003	11/17/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	N/A	N/A	N/A	N/A	N/A
HMX	µg/kg	200U	200U	280	200U	200U
m-Nitrotoluene	µg/kg	100J	200U	200U	200U	200U
Nitrobenzene	µg/kg	100U	33J	100U	100U	100U
Nitrobenzene	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitrocellulose	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroglycerine	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroguanidine	µg/kg	N/A	N/A	N/A	N/A	N/A
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-1 Surface Soil Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 066	FBQ 067	FBQ 068	FBQ 069	FBQ 070
Sample ID		FBQSS-066-0131-SO	FBQSS-067-0133-SO	FBQSS-068-0135-SO	FBQSS-069-0137-SO	FBQSS-070-0139-SO
Date Collected		11/17/2003	11/14/2003	11/14/2003	11/13/2003	11/13/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	N/A	N/A	N/A	N/A	N/A
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	100U	100U	100U	100U	100U
Nitrobenzene	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitrocellulose	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroglycerine	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroguanidine	µg/kg	N/A	N/A	N/A	N/A	N/A
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-1 Surface Soil Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 071	FBQ 072	FBQ 073	FBQ 074	FBQ 075
Sample ID		FBQSS-071-0141-SO	FBQSS-072-0143-SO	FBQSS-073-0145-SO	FBQSS-074-0147-SO	FBQSS-075-0149-SO
Date Collected		11/17/2003	11/17/2003	11/17/2003	11/11/2003	11/13/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	N/A	N/A	N/A	N/A	N/A
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	100U	100U	62J	100U	100U
Nitrobenzene	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitrocellulose	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroglycerine	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroguanidine	µg/kg	N/A	N/A	N/A	N/A	N/A
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	170J

**Table H-1 Surface Soil Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 076	FBQ 077	FBQ 078	FBQ 079	FBQ 080
Sample ID		FBQSS-076-0151-SO	FBQSS-077-0153-SO	FBQSS-078-0155-SO	FBQSS-079-0157-SO	FBQSS-080-0159-SO
Date Collected		11/13/2003	11/17/2003	11/17/2003	11/12/2003	11/13/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	470U	100U
2,4-Dinitrotoluene	µg/kg	N/A	N/A	N/A	100U	N/A
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	470U	100U
2,6-Dinitrotoluene	µg/kg	N/A	N/A	N/A	100U	N/A
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	N/A	N/A	N/A	470U	N/A
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	100U	50J	66J	470U	100U
Nitrobenzene	µg/kg	N/A	N/A	N/A	100U	N/A
Nitrocellulose	µg/kg	N/A	N/A	N/A	38	N/A
Nitroglycerine	µg/kg	N/A	N/A	N/A	10000U	N/A
Nitroguanidine	µg/kg	N/A	N/A	N/A	130U	N/A
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-1 Surface Soil Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 081	FBQ 082	FBQ 083	FBQ 084	FBQ 085
Sample ID		FBQSS-081-0161-SO	FBQSS-082-0163-SO	FBQSS-083-0165-SO	FBQSS-084-0167-SO	FBQSS-085-0169-SO
Date Collected		11/11/2003	11/11/2003	11/13/2003	11/13/2003	11/13/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	100U	100U	410U	390U	100U
2,4-Dinitrotoluene	µg/kg	N/A	N/A	100U	100U	N/A
2,6-Dinitrotoluene	µg/kg	100U	100U	410U	390U	100U
2,6-Dinitrotoluene	µg/kg	N/A	N/A	100U	100U	N/A
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	N/A	N/A	410U	390U	N/A
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	70JB	37JB	410U	390U	100U
Nitrobenzene	µg/kg	N/A	N/A	100U	100U	N/A
Nitrocellulose	µg/kg	N/A	N/A	44	20	N/A
Nitroglycerine	µg/kg	N/A	N/A	10000U	10000U	N/A
Nitroguanidine	µg/kg	N/A	N/A	130U	130U	N/A
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-1 Surface Soil Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 086	FBQ 087	FBQ 088	FBQ 089	FBQ 090
Sample ID		FBQSS-086-0171-SO	FBQSS-087-0173-SO	FBQSS-088-0175-SO	FBQSS-089-0177-SO	FBQSS-090-0179-SO
Date Collected		11/17/2003	11/17/2003	11/11/2003	11/11/2003	11/11/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	N/A	N/A	N/A	N/A	N/A
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	100U	100U	100U	100U	100U
Nitrobenzene	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitrocellulose	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroglycerine	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroguanidine	µg/kg	N/A	N/A	N/A	N/A	N/A
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-1 Surface Soil Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 091	FBQ 092	FBQ 093	FBQ 094	FBQ 095
Sample ID		FBQSS-091-0181-SO	FBQSS-092-0183-SO	FBQSS-093-0185-SO	FBQSS-094-0187-SO	FBQSS-095-0189-SO
Date Collected		11/11/2003	11/11/2003	11/11/2003	11/12/2003	11/12/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	110	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	96J	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	N/A	N/A	N/A	N/A	N/A
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	100U	100U	100U	100U	100U
Nitrobenzene	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitrocellulose	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroglycerine	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroguanidine	µg/kg	N/A	N/A	N/A	N/A	N/A
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-1 Surface Soil Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 096	FBQ 097	FBQ 098	FBQ 099	FBQ 100
Sample ID		FBQSS-096-0191-SO	FBQSS-097-0193-SO	FBQSS-098-0195-SO	FBQSS-099-0197-SO	FBQSS-100-0199-SO
Date Collected		11/12/2003	11/12/2003	11/12/2003	11/11/2003	11/11/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	N/A	N/A	100U	N/A	N/A
2,6-Dinitrotoluene	µg/kg	100U	100U	410U	100U	100U
2,6-Dinitrotoluene	µg/kg	N/A	N/A	100U	N/A	N/A
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	N/A	N/A	410U	N/A	N/A
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	100U	100U	410U	100U	100U
Nitrobenzene	µg/kg	N/A	N/A	37JB	N/A	N/A
Nitrocellulose	µg/kg	N/A	N/A	64	N/A	N/A
Nitroglycerine	µg/kg	N/A	N/A	10000U	N/A	N/A
Nitroguanidine	µg/kg	N/A	N/A	130U	N/A	N/A
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U



**Table H-2 Surface Soil Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 001	FBQ 002	FBQ 003	FBQ 004	FBQ 005
Sample ID		FBQSS-001-0001-SO	FBQSS-002-0003-SO	FBQSS-003-0005-SO	FBQSS-004-0007-SO	FBQSS-005-0009-SO
Date Collected		10/14/2003	10/14/2003	10/20/2003	10/20/2003	10/20/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Aluminum	mg/kg	11700	16400	14900	14000	16900
Antimony	mg/kg	1.3N	1BN	0.4BN	0.34UN	0.33UN
Arsenic	mg/kg	17.6	13.9	13NE*	14.2NE*	14.2NE*
Barium	mg/kg	80.9	123	79.3N	75.5N	127N
Beryllium	mg/kg	0.64	1.1	0.86	0.81	0.97
Cadmium	mg/kg	0.01U	0.02U	0.01U	0.02U	0.02U
Calcium	mg/kg	1870	2680	34900*	33500*	12800*
Chromium	mg/kg	16	20.3	21.8*E	21*E	24.5*E
Chromium, Hexavalent	mg/kg	N/A	N/A	N/A	N/A	N/A
Cobalt	mg/kg	9.2	13.9	12.7*	12.7*	14.6*
Copper	mg/kg	13.2	11.1	29	23.4	24.4
Iron	mg/kg	22800	27100	30000	29600	33100
Lead	mg/kg	21.6	26.6	11.7E	13.4E	14.6E
Magnesium	mg/kg	2460N	2890N	8430N*	8010N*	6830N*
Manganese	mg/kg	720	2310	424*	362*	455*
Mercury	mg/kg	0.17	0.05B	0.01U	0.01U	0.06
Nickel	mg/kg	15.6	17.9	30	28.7	34.6
Potassium	mg/kg	998N	1250N	2570N	2520N	2370N
Selenium	mg/kg	1.2	2.9B	1.1B	1.4	1.8
Silver	mg/kg	0.05U	0.44B	0.06U	0.07U	0.07U
Sodium	mg/kg	84.4	113	165	159	133
Thallium	mg/kg	0.43U	2.6U	0.5U	0.56U	0.55U
Vanadium	mg/kg	23.3N	30.9N	24.2N	23.5N	27.7N
Zinc	mg/kg	69.7	64.4	61.8E	64.4E	68.5E

**Table H-2 Surface Soil Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 006	FBQ 007	FBQ 008	FBQ 009	FBQ 010
Sample ID		FBQSS-006-0011-SO	FBQSS-007-0013-SO	FBQSS-008-0015-SO	FBQSS-009-0017-SO	FBQSS-010-0019-SO
Date Collected		10/20/2003	10/15/2003	10/14/2003	10/20/2003	10/14/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Aluminum	mg/kg	17500	9310	9440	12800	14100
Antimony	mg/kg	0.48BN	0.6BN	0.29BN	0.3UN	0.31BN
Arsenic	mg/kg	15.3NE*	11.9	7.8	12NE*	9.2
Barium	mg/kg	83.3N	64.3	57.7	82.6N	54.8
Beryllium	mg/kg	0.86	0.55	0.55	0.8	0.54
Cadmium	mg/kg	0.02U	0.01U	0.01U	0.01U	0.01U
Calcium	mg/kg	4230*	1220	853	1020*	245
Chromium	mg/kg	22.5*E	13.9	11.6	16.9*E	17.3
Chromium, Hexavalent	mg/kg	N/A	N/A	N/A	6.4	N/A
Cobalt	mg/kg	12.3*	8.4	7.3	10.8*	7.2
Copper	mg/kg	23.5	13.8	5.9	11.1	8.7
Iron	mg/kg	30400	19600	15000	23100	23300
Lead	mg/kg	16.7E	19.5	12.8	18.6E	15.2
Magnesium	mg/kg	4180N*	1780N	1410N	2190N*	2200N
Manganese	mg/kg	362*	535	586	371*	218
Mercury	mg/kg	0.03B	0.07	0.03B	0.02B	0.03B
Nickel	mg/kg	26.4	15.4	9.8	16.3	12.5
Potassium	mg/kg	1940N	851N	509N	1150N	857N
Selenium	mg/kg	1.7	1.1	1.1B	1.2	1.8
Silver	mg/kg	0.06U	0.06U	0.07B	0.06U	0.06U
Sodium	mg/kg	102	78.8	96.3	92.4	70.1
Thallium	mg/kg	0.52U	0.48U	0.46U	0.5U	0.49U
Vanadium	mg/kg	28.2N	17.5	19N	26.4N	27.2N
Zinc	mg/kg	65.2E	58.1	38.6	56.2E	47

**Table H-2 Surface Soil Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 011	FBQ 012	FBQ 013	FBQ 014	FBQ 015
Sample ID		FBQSS-011-0021-SO	FBQSS-012-0023-SO	FBQSS-013-0025-SO	FBQSS-014-0027-SO	FBQSS-015-0029-SO
Date Collected		10/15/2003	10/20/2003	10/15/2003	10/14/2003	10/15/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Aluminum	mg/kg	12400	10400	15500	12700	7430
Antimony	mg/kg	0.48BN	0.3UN	0.45BN	0.43BN	0.75BN
Arsenic	mg/kg	16.8	10.5NE*	12.2	10.1	13.5
Barium	mg/kg	81.2	47.3N	70.7	60.3	35.2
Beryllium	mg/kg	0.74	0.6	0.69	0.62	0.46
Cadmium	mg/kg	0.01U	0.02U	0.01U	0.02U	0.01U
Calcium	mg/kg	1220	447*	972	254	372
Chromium	mg/kg	15.4	15*E	20.7	16.3	11.2
Chromium, Hexavalent	mg/kg	N/A	N/A	N/A	N/A	N/A
Cobalt	mg/kg	10.7	9.8*	11	10.4	7.1
Copper	mg/kg	14.4	14.3	14.9	9.1	16.1
Iron	mg/kg	22200	22100	26500	22000	19900
Lead	mg/kg	24.1	17.5E	18.8	20.6	16.2
Magnesium	mg/kg	2220N	1980N*	3070N	2050N	1440N
Manganese	mg/kg	625	668*	527	691	373
Mercury	mg/kg	0.05B	0.02B	0.03B	0.03B	0.03B
Nickel	mg/kg	19	16.4	21.1	12.5	14.3
Potassium	mg/kg	1020N	1010N	1410N	857N	736N
Selenium	mg/kg	1.3	1.7	1.4	1.5	1B
Silver	mg/kg	0.1B	0.06U	0.06U	0.12B	0.06U
Sodium	mg/kg	92.7	73.9	103	86.2	79.6
Thallium	mg/kg	0.5U	0.51U	0.46U	0.52U	0.48U
Vanadium	mg/kg	21.6	19.8N	26.8N	25.6N	14
Zinc	mg/kg	64.8	59E	59.1	46.9	56.7

**Table H-2 Surface Soil Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 016	FBQ 017	FBQ 018	FBQSS-019	FBQ 020
Sample ID		FBQSS-016-0031-SO	FBQSS-017-0033-SO	FBQSS-018-0035-SO	FBQSS-019-0037-SO	FBQSS-020-0039-SO
Date Collected		10/13/2003	10/3/2003	10/20/2003	10/13/2003	10/9/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Aluminum	mg/kg	8500	13300	12500	12700	12900
Antimony	mg/kg	0.91N	0.29UN	0.34BN	0.36BN	0.31UN
Arsenic	mg/kg	13.4	9.7	17NE*	17.8	10.2
Barium	mg/kg	46.2	81.7N	85.6N	57.6	48N
Beryllium	mg/kg	0.56	0.79	0.64	0.61	0.6
Cadmium	mg/kg	0.12	0.01U	0.02U	0.14	0.14
Calcium	mg/kg	986	296	629*	496	189
Chromium	mg/kg	13.7E	15.3	16.5*E	16.1E	16.2
Chromium, Hexavalent	mg/kg	N/A	1.3	6.9	3.7	N/A
Cobalt	mg/kg	8.7	11.7	8.8*	12.9	7.7
Copper	mg/kg	16.4	11.6	14.3	10.6	9.9
Iron	mg/kg	22000	21800	20900	23300	21300
Lead	mg/kg	15.6	18.7	21.8E	25.1	23.3
Magnesium	mg/kg	2020N	2130	2000N*	2110N	1860N
Manganese	mg/kg	413	999	613*	697	523
Mercury	mg/kg	0.04B	0.04B	0.03B	0.04B	0.03B
Nickel	mg/kg	17.8E	15.3	18.1	14.2E	12.5
Potassium	mg/kg	912N	819N	853N	807N	779N
Selenium	mg/kg	0.26U	1.8B	1.3	0.64B	0.58B
Silver	mg/kg	0.14B	0.13U	0.07U	0.11B	0.06U
Sodium	mg/kg	129	112	80.7	91.8	96.5E
Thallium	mg/kg	0.41U	0.96UN	0.69B	0.46U	0.51U
Vanadium	mg/kg	15.4N	24N	23.1N	25.8N	25.8N
Zinc	mg/kg	60.9	62	71.6E	49.7	47.4

**Table H-2 Surface Soil Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 021	FBQ 022	FBQSS-023	FBQSS-024	FBQ 025
Sample ID		FBQSS-021-0041-SO	FBQSS-022-0043-SO	FBQSS-023-0045-SO	FBQSS-024-0047-SO	FBQSS-025-0049-SO
Date Collected		10/9/2003	10/9/2003	10/10/2003		10/9/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Aluminum	mg/kg	15400	13200	17200	9750	6720
Antimony	mg/kg	0.39BN	0.31UN	0.33BN	0.25UN	0.27UN
Arsenic	mg/kg	11.1	10.8	11.7	15.1	9.1
Barium	mg/kg	71.2N	46.4N	64.8	44	42.1N
Beryllium	mg/kg	0.68	0.59	0.75	0.53	0.7
Cadmium	mg/kg	0.02U	0.02U	0.11	0.1	0.24
Calcium	mg/kg	414	205	536	207	135
Chromium	mg/kg	20.1	17.1	21.8E	14.1E	12.7
Chromium, Hexavalent	mg/kg	N/A	N/A	N/A	N/A	N/A
Cobalt	mg/kg	11.4	9.2	9.2	7.6	12.1
Copper	mg/kg	13.8	9	18.6	16.5	13.6
Iron	mg/kg	26400	23200	30600	24300	31900
Lead	mg/kg	22.3	21.4	13.9	12	21.4
Magnesium	mg/kg	2790	1990	3600N	1820N	1120N
Manganese	mg/kg	773	621	267	241	817
Mercury	mg/kg	0.04B	0.02B	0.02B	0.01U	0.02B
Nickel	mg/kg	17.6	11.7	23.3E	15.1E	16.7
Potassium	mg/kg	1290N	829N	1420N	912N	934N
Selenium	mg/kg	2.2	2.2	0.45B	0.44B	0.72B
Silver	mg/kg	0.26	0.06U	0.09B	0.05U	0.15B
Sodium	mg/kg	131	118	105	86.2	84.7E
Thallium	mg/kg	0.53UN	0.52UN	0.44U	0.42U	0.45U
Vanadium	mg/kg	28.3N	27.5N	27.9N	16.5N	15.3N
Zinc	mg/kg	59.8	52	56.7	55.2	92.3

**Table H-2 Surface Soil Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 026	FBQSS-027	FBQ 028	FBQ 029	FBQ 030
Sample ID		FBQSS-026-0051-SO	FBQSS-027-0053-SO	FBQSS-028-0055-SO	FBQSS-029-0057-SO	FBQSS-030-0059-SO
Date Collected		10/9/2003	10/10/2003	10/7/2003	10/8/2003	10/8/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Aluminum	mg/kg	16100	7910	17000	3190	6620
Antimony	mg/kg	0.3UN	0.3BN	0.47BN	0.41BN	0.76BN
Arsenic	mg/kg	10.7	15	10.6N	2.1N	8.7N
Barium	mg/kg	64.9N	45.2	89	24.5	39.7
Beryllium	mg/kg	0.6	0.61	0.8	0.21	0.71
Cadmium	mg/kg	0.12	0.12	0.11	0.04B	0.12
Calcium	mg/kg	287	527	438	108	456
Chromium	mg/kg	19.8	12.9E	21.5	3.8	12.8
Chromium, Hexavalent	mg/kg	N/A	N/A	N/A	3.3	N/A
Cobalt	mg/kg	11.7	7.8	10.5	2.8	10.8
Copper	mg/kg	10.8	21.7	12.9E	2.1E	16.8E
Iron	mg/kg	23600	24300	24300	4250	25000
Lead	mg/kg	17.8	15.9	21.1	5.8	23.2
Magnesium	mg/kg	2510N	1800N	3080N	536N	1710N
Manganese	mg/kg	690	227	762	327	654
Mercury	mg/kg	0.03B	0.02B	0.03B	0.05B	0.05B
Nickel	mg/kg	15.2	17.5E	21.1	4.5	17.2
Potassium	mg/kg	1150N	755N	1380N	225N	1070N
Selenium	mg/kg	0.5B	0.26U	1.1B	0.29U	0.87B
Silver	mg/kg	0.08B	0.05U	0.07U	0.07B	0.06U
Sodium	mg/kg	89.7E	88.7	113	24B	77.9
Thallium	mg/kg	0.5U	0.42U	0.54U	0.46U	0.49U
Vanadium	mg/kg	31N	14.2N	29.2	5.3	14
Zinc	mg/kg	56.5	78	63.9	15.3	108

**Table H-2 Surface Soil Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 031	FBQ 032	FBQ 033	FBQ 034	FBQ 035
Sample ID		FBQSS-031-0061-SO	FBQSS-032-0063-SO	FBQSS-033-0065-SO	FBQSS-034-0067-SO	FBQSS-035-0069-SO
Date Collected		10/9/2003	FBQSS-032-0063-SO	10/7/2003	10/7/2003	10/7/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Aluminum	mg/kg	7480	15200	10200	9020	12000
Antimony	mg/kg	0.29UN	0.76BN	0.53BN	74.4N	0.89BN
Arsenic	mg/kg	5.9	10.2N	17.4	10.3	8.6N
Barium	mg/kg	33.7N	108	37.5N	46.5N	82.9
Beryllium	mg/kg	0.89	0.84	0.63	0.51	0.73
Cadmium	mg/kg	0.22	0.03B	0.01U	0.01U	0.12
Calcium	mg/kg	342	159	272	355	261
Chromium	mg/kg	14.8	18.9	14.3	11.6	13.8
Chromium, Hexavalent	mg/kg	N/A	6.6	N/A	N/A	N/A
Cobalt	mg/kg	12.6	14.8	8.9	8.5	9.7
Copper	mg/kg	19.8	11.5E	20.3	10.4	8.7E
Iron	mg/kg	30400	21800	24700	18900	16600
Lead	mg/kg	21.1	23.7	22.3	262	28.2
Magnesium	mg/kg	1940N	2870N	1920	1420	1760N
Manganese	mg/kg	603	980	362	539	826
Mercury	mg/kg	0.02B	0.03B	0.01U	0.01B	0.05B
Nickel	mg/kg	17.6	20.2	18.7	12.7	15.5
Potassium	mg/kg	1240N	1120N	1070N	676N	639N
Selenium	mg/kg	0.72B	1B	1.9	1.6	1.1
Silver	mg/kg	0.06U	0.07U	0.1B	0.08B	0.06U
Sodium	mg/kg	86.5E	93.6	111	104	88.1
Thallium	mg/kg	0.49U	0.78B	0.45UN	0.48UN	0.46U
Vanadium	mg/kg	16.2N	25.3	18.6N	18.8N	21.2
Zinc	mg/kg	103	62.7	69.8	59.9	64.6

**Table H-2 Surface Soil Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 036	FBQ 037	FBQ 038	FBQ 039	FBQ 040
Sample ID		FBQSS-036-0071-SO	FBQSS-037-0073-SO	FBQSS-038-0075-SO	FBQSS-039-0077-SO	FBQSS-040-0079-SO
Date Collected		10/7/2003	10/3/2003	10/3/2003	10/3/2003	10/6/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Aluminum	mg/kg	15000	6430	723	6530	16000
Antimony	mg/kg	0.94BN	0.67BN	0.62BN	2.6N	0.53BN
Arsenic	mg/kg	10.4	6.5	1.1N	6.3N	10.2
Barium	mg/kg	105N	48.7N	10.7	58.1	89.5N
Beryllium	mg/kg	0.86	0.83	0.22	0.76	0.84
Cadmium	mg/kg	0.02U	0.42	0.06B	0.72	0.18
Calcium	mg/kg	639	2160	293	8020	367
Chromium	mg/kg	19.3	14.3E	2.7	13	38
Chromium, Hexavalent	mg/kg	N/A	N/A	N/A	N/A	N/A
Cobalt	mg/kg	15.7	9.8	1.1	5.4	13.8
Copper	mg/kg	11.5	18.8	2.2E	32.5E	12.9
Iron	mg/kg	24900	24700	15700	22800	25500
Lead	mg/kg	73.5	24.7	7.3	86.9	43.3
Magnesium	mg/kg	2890	2070N	143N	1720N	3000N
Manganese	mg/kg	1370	615	298	406	1060
Mercury	mg/kg	0.04B	0.03B	0.02B	0.07	0.02B
Nickel	mg/kg	18.5	18.2	2.9	12.4	18.1
Potassium	mg/kg	1260N	1110N	122N	806N	1290N
Selenium	mg/kg	2.4B	1.1B	0.53B	0.85B	4.6B
Silver	mg/kg	0.15U	0.06U	0.08B	0.06U	0.64U
Sodium	mg/kg	136	93.8	24B	105	102E
Thallium	mg/kg	1.1UN	0.51U	0.48U	0.69B	4.8U
Vanadium	mg/kg	28.7N	14.3N	3	12.9	29N
Zinc	mg/kg	66.5	113	19.2	107	60.1



**Table H-2 Surface Soil Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 041	FBQ 042	FBQ 043	FBQ 044	FBQ 045
Sample ID		FBQSS-041-0081-SO	FBQSS-042-0083-SO	FBQSS-043-0085-SO	FBQSS-044-0087-SO	FBQSS-045-0089-SO
Date Collected		10/3/2003	10/3/2003	10/2/2003	10/7/2003	10/13/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Aluminum	mg/kg	6990	6310	6330	17000	3470
Antimony	mg/kg	2.4N	1.8N	2.7N	4.4BN	6.4N
Arsenic	mg/kg	8.1N	6.5N	11.5	27.1	9.2
Barium	mg/kg	73.5	86.8	78.6N	1070N	35.8N
Beryllium	mg/kg	0.78	0.83	0.77	1	1.5
Cadmium	mg/kg	0.45	0.52	0.94	4	0.03U
Calcium	mg/kg	1220	2410	3170	14700	829
Chromium	mg/kg	15	14.3	32.6E	88.9	19.5
Chromium, Hexavalent	mg/kg	N/A	N/A	N/A	N/A	1.5
Cobalt	mg/kg	10.1	10.2	9.9	36.8	13.7
Copper	mg/kg	20.2E	27.1E	30.4	559	37.1
Iron	mg/kg	25400	24500	31500	110000	63100
Lead	mg/kg	114	70.8	256	887	66.8
Magnesium	mg/kg	1860N	1900N	1300N	6150	396
Manganese	mg/kg	851	490	680	1000	842
Mercury	mg/kg	0.11	0.04B	0.08	0.06	0.25
Nickel	mg/kg	18.9	19.3	17	85.4	31.7
Potassium	mg/kg	1050N	1260N	875N	2660N	509N
Selenium	mg/kg	1.1	1.3	1.7	7.9	3.2
Silver	mg/kg	0.1B	0.06U	0.22B	0.34U	0.31B
Sodium	mg/kg	84.6	90.3	117	687	82.2B
Thallium	mg/kg	0.44U	0.5U	0.48U	2.5UN	0.94UN
Vanadium	mg/kg	15.1	13.7	15.7N	36N	17.3N
Zinc	mg/kg	121	142	182	1330	309

**Table H-2 Surface Soil Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 046	FBQ 047	FBQ 048	FBQ 049	FBQ 050
Sample ID		FBQSS-046-0091-SO	FBQSS-047-0093-SO	FBQSS-048-0095-SO	FBQSS-049-0097-SO	FBQSS-050-0099-SO
Date Collected		10/3/2003	10/2/2003	10/2/2003	10/10/2003	10/2/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Aluminum	mg/kg	7620	3720	15500	8630	4850
Antimony	mg/kg	1.7N	1.7N	0.43BN	1.3N	3N
Arsenic	mg/kg	4.8N	6.7N	18	10.8	10.1
Barium	mg/kg	86.2	30.9	76.7N	67.3	32.2N
Beryllium	mg/kg	1	0.52	0.74	0.55	0.4
Cadmium	mg/kg	0.23	0.15	0.22	0.4	0.19
Calcium	mg/kg	841	163	2180	1940	223
Chromium	mg/kg	16.1	15.5	21.1E	13.3E	9.2E
Chromium, Hexavalent	mg/kg	N/A	N/A	N/A	N/A	N/A
Cobalt	mg/kg	11.7	7.7	9	6.8	8
Copper	mg/kg	23.3E	27.7E	20.7	45.8	13
Iron	mg/kg	29300	36300	29700	18500	17300
Lead	mg/kg	82.8	38.9	18.2	49.6	166
Magnesium	mg/kg	2270N	720N	3200N	1740N	974N
Manganese	mg/kg	515	639	340	424	677
Mercury	mg/kg	0.04B	0.03B	0.01B	0.7	0.03B
Nickel	mg/kg	21.8	15.4	20.4	13E	10.7
Potassium	mg/kg	1300N	695N	1240N	874N	620N
Selenium	mg/kg	1.1	1.3	1.4	0.47B	0.84B
Silver	mg/kg	0.05U	0.1B	0.06B	0.18B	0.11B
Sodium	mg/kg	82.9	73.9	108	103	60.6
Thallium	mg/kg	0.43U	0.51B	0.48U	0.46U	0.45U
Vanadium	mg/kg	15.6	10.4	28.2N	17N	10.6N
Zinc	mg/kg	107	84.7	64.9	102	61.9

**Table H-2 Surface Soil Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 051	FBQ 052	FBQ 053	FBQ 054	FBQ 055
Sample ID		FBQSS-051-0101-SO	FBQSS-052-0103-SO	FBQSS-053-0105-SO	FBQSS-054-0107-SO	FBQSS-055-0109-SO
Date Collected		10/6/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Aluminum	mg/kg	14700	5100	4770	13400	10700
Antimony	mg/kg	1.6UN	3.9N	1.6N	1.5UN	0.93BN
Arsenic	mg/kg	13.9	6.4	10.1	11.8	9.7
Barium	mg/kg	112N	51.9N	58.6N	104N	353N
Beryllium	mg/kg	0.95	0.78	0.7	0.8	0.7
Cadmium	mg/kg	0.1U	0.64	0.39	0.1U	0.34
Calcium	mg/kg	640	731	475	311	1240
Chromium	mg/kg	20.3E	12.4E	12.3E	16E	17.1E
Chromium, Hexavalent	mg/kg	N/A	N/A	N/A	N/A	N/A
Cobalt	mg/kg	16.9	7.9	10.4	10.4	10.5
Copper	mg/kg	10	23.7	20.6	11.1	20.8
Iron	mg/kg	26000	25700	27400	21900	22300
Lead	mg/kg	24.7	164	84.5	21	59.7
Magnesium	mg/kg	2540N	1380N	1180N	2220N	2220N
Manganese	mg/kg	1740	422	822	1170	593
Mercury	mg/kg	0.04B	0.05	0.07	0.04B	0.09
Nickel	mg/kg	19.6	16.4	15.2	16	16.9
Potassium	mg/kg	1170N	916N	832N	964N	1060N
Selenium	mg/kg	1.7B	1.2	1.6	1.6U	1.2
Silver	mg/kg	0.35U	0.07B	0.12B	0.35U	0.06U
Sodium	mg/kg	175B	80.5	77.4	130B	90.1
Thallium	mg/kg	2.6U	0.43U	0.45U	2.6U	0.49U
Vanadium	mg/kg	28.5N	11.3N	12.7N	23.5N	21N
Zinc	mg/kg	56.6	164	98.3	57.2	89

**Table H-2 Surface Soil Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 056	FBQ 057	FBQ 058	FBQ 059	FBQ 060
Sample ID		FBQSS-056-0111-SO	FBQSS-057-0113-SO	FBQSS-058-0115-SO	FBQSS-059-0117-SO	FBQSS-060-0119-SO
Date Collected		10/2/2003	10/1/2003	10/1/2003	10/6/2003	10/13/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Aluminum	mg/kg	11900	11900	6290	12300	13200
Antimony	mg/kg	0.52BN	0.72BN	0.61BN	2.6N	0.61BN
Arsenic	mg/kg	16.4	16.2	10	11.4	9.1
Barium	mg/kg	42.9N	64N	25.3N	86.8N	92.6N
Beryllium	mg/kg	0.62	0.65	0.49	0.7	0.88
Cadmium	mg/kg	0.14	0.17	0.15	0.97	0.02U
Calcium	mg/kg	128	2440	237	2300	206
Chromium	mg/kg	16.2E	16.7E	14.2E	19.4E	15.6
Chromium, Hexavalent	mg/kg	N/A	N/A	N/A	N/A	3.4
Cobalt	mg/kg	9	7.5	7.6	11.2	11.7
Copper	mg/kg	20.2	18	12.1	41.4	9.7
Iron	mg/kg	25300	22800	19800	24200	18400
Lead	mg/kg	18.4	16.7	18.9	77.2	22.1
Magnesium	mg/kg	2410N	2260N	1220N	2430N	1660
Manganese	mg/kg	275	517	389	842	1060
Mercury	mg/kg	0.01B	0.04B	0.02B	1.2	0.03B
Nickel	mg/kg	18.8	16.5	12.9	15.4	15.4
Potassium	mg/kg	1130N	1030N	812N	1090N	676N
Selenium	mg/kg	1.3	1.1	1.1	1.7	1.6
Silver	mg/kg	0.06U	0.07B	0.06U	0.18B	0.07U
Sodium	mg/kg	97.5	92.3	79.2	116	115
Thallium	mg/kg	0.45U	0.48U	0.45U	0.52U	0.55UN
Vanadium	mg/kg	20.3N	21.1N	12.6N	24.5N	24.4N
Zinc	mg/kg	64.9	61.2	55.7	213	60.1

**Table H-2 Surface Soil Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 061	FBQ 062	FBQ 063	FBQ 064	FBQ 065
Sample ID		FBQSS-061-0121-SO	FBQSS-062-0123-SO	FBQSS-063-0125-SO	FBQSS-064-0127-SO	FBQSS-065-0129-SO
Date Collected		11/14/2003	11/17/2003	11/14/2003	11/14/2003	11/17/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Aluminum	mg/kg	16400	16600	16200	11500	11200
Antimony	mg/kg	0.5BN	0.28UN	0.48BN	0.24BN	0.3UN
Arsenic	mg/kg	12.7	11N	9.8	7.5	12.5N
Barium	mg/kg	78.8N	90.3	96.8N	66.5N	55.7
Beryllium	mg/kg	0.62E	0.73	0.73E	0.57E	0.52
Cadmium	mg/kg	0.03U*	0.07	0.03U*	0.03U*	0.07B
Calcium	mg/kg	385	553	471	211	246
Chromium	mg/kg	22.8N	22.9	21.4N	14.6N	14.3
Chromium, Hexavalent	mg/kg	N/A	N/A	N/A	N/A	N/A
Cobalt	mg/kg	9.3	9.5	10.9	10.4	10.2
Copper	mg/kg	21.6	14.6	14.8	10.1	11.1
Iron	mg/kg	27600	25100	24700	16500	18800
Lead	mg/kg	21.3	15.8	18.5	17	13.7
Magnesium	mg/kg	2760N	3210N	2900N	1850N	2170N
Manganese	mg/kg	672	634	764	716	537
Mercury	mg/kg	0.03B	0.02B	0.03B	0.03B	0.01B
Nickel	mg/kg	17.8	20.7	18.8	15	16.2
Potassium	mg/kg	1480N	1460N	1350N	755N	967N
Selenium	mg/kg	0.68B	0.3U	0.67B	0.51B	0.31U
Silver	mg/kg	0.05U	0.06U	0.05U	0.05U	0.06U
Sodium	mg/kg	74.4	71.2	83.3	69.3	52.3B
Thallium	mg/kg	0.42U	2.1	0.44U	0.41U	1.7B
Vanadium	mg/kg	30	28.6	28.2	22.5	21.3
Zinc	mg/kg	59	55	66.9	55	46.9

**Table H-2 Surface Soil Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 066	FBQ 067	FBQ 068	FBQ 069	FBQ 070
Sample ID		FBQSS-066-0131-SO	FBQSS-067-0133-SO	FBQSS-068-0135-SO	FBQSS-069-0137-SO	FBQSS-070-0139-SO
Date Collected		11/17/2003	11/14/2003	11/14/2003	11/13/2003	11/13/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Aluminum	mg/kg	16100	12400	11700	3470	5120
Antimony	mg/kg	0.3UN	0.22BN	0.42BN	0.35BN	0.25BN
Arsenic	mg/kg	11.1N	17.8	9.6	6.2	8.4
Barium	mg/kg	93.3	49.6N	72.3N	37.7N	34.4N
Beryllium	mg/kg	0.75	0.58E	0.58E	0.47E	0.45E
Cadmium	mg/kg	0.25	0.02U*	0.02U*	0.02U*	0.02U*
Calcium	mg/kg	613	307	1160	924	1420
Chromium	mg/kg	22	18.5N	16.8N	10N	10.4N
Chromium, Hexavalent	mg/kg	N/A	N/A	N/A	N/A	N/A
Cobalt	mg/kg	10.4	8.4	10.8	5.3	6.1
Copper	mg/kg	18.8	23.7	9.8	6.4	9.6
Iron	mg/kg	24400	27800	20600	25800	21100
Lead	mg/kg	17.1	13.7	14.4	11.8	11.6
Magnesium	mg/kg	2990N	2680N	2050N	716N	1220N
Manganese	mg/kg	834	265	709	489	396
Mercury	mg/kg	0.01U	0.02B	0.03B	0.01U	0.01U
Nickel	mg/kg	18.9	20.5	14.8	11.2	13
Potassium	mg/kg	1390N	1310N	831N	674N	813N
Selenium	mg/kg	0.32U	0.42B	0.45B	0.5B	0.28B
Silver	mg/kg	0.06U	0.04U	0.04U	0.04U	0.04U
Sodium	mg/kg	64.6	69.9	68.6	49.2	56.7
Thallium	mg/kg	2.3	0.37U	0.39U	0.41B	0.37U
Vanadium	mg/kg	28.6	21.8	26.1	10	11.3
Zinc	mg/kg	70.1	58.3	47	55.8	58.4

**Table H-2 Surface Soil Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 071	FBQ 072	FBQ 073	FBQ 074	FBQ 075
Sample ID		FBQSS-071-0141-SO	FBQSS-072-0143-SO	FBQSS-073-0145-SO	FBQSS-074-0147-SO	FBQSS-075-0149-SO
Date Collected		11/17/2003	11/17/2003	11/17/2003	11/11/2003	11/13/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Aluminum	mg/kg	12100	8250	14400	13900	13100
Antimony	mg/kg	0.28UN	0.25UN	0.28UN	0.29UN	0.64BN
Arsenic	mg/kg	18.8N	8.4N	11.4N	18.7	10.9
Barium	mg/kg	40.6	46.4	72.5	53N	104N
Beryllium	mg/kg	0.7	0.92	0.63	0.77	0.7E
Cadmium	mg/kg	0.01U	0.87	0.46	0.01U	0.94*
Calcium	mg/kg	413	1650	1510	358	531
Chromium	mg/kg	16.7	16.4	20.1	18.8N	18.1N
Chromium, Hexavalent	mg/kg	N/A	N/A	N/A	N/A	N/A
Cobalt	mg/kg	13	10.9	10.7	8.9	10.3
Copper	mg/kg	21.6	68.6	49.7	24.6	28.5
Iron	mg/kg	26800	30100	23000	30600	22800
Lead	mg/kg	17.1	20.3	13.5	17.1	14.5
Magnesium	mg/kg	2570N	2180N	3130N	2880N	2180N
Manganese	mg/kg	368	609	408	312	880
Mercury	mg/kg	0.02B	0.01U	0.01U	0.01U	0.02B
Nickel	mg/kg	21.6	19.2	18.8	21.4	18.6
Potassium	mg/kg	1270N	1040N	1300N	1370N	1210N
Selenium	mg/kg	0.3U	0.27U	0.3U	0.31U	0.48B
Silver	mg/kg	0.06U	0.05U	0.06U	0.06U	0.04U
Sodium	mg/kg	63	55.3	70.9	73.5	100
Thallium	mg/kg	2	2.6	1.8B	0.49U	0.38U
Vanadium	mg/kg	20.4	16.4	24.3	23.5N	22.4
Zinc	mg/kg	61.8	114	53.6	59.7	77.1

**Table H-2 Surface Soil Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 076	FBQ 077	FBQ 078	FBQ 079	FBQ 080
Sample ID		FBQSS-076-0151-SO	FBQSS-077-0153-SO	FBQSS-078-0155-SO	FBQSS-079-0157-SO	FBQSS-080-0159-SO
Date Collected		11/13/2003	11/17/2003	11/17/2003	11/12/2003	11/13/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Aluminum	mg/kg	12700	16000	8480	16500	3740
Antimony	mg/kg	0.31UN	0.27UN	0.28UN	0.31B	0.28UN
Arsenic	mg/kg	11.4	12.1N	16.8N	13.5	5.7
Barium	mg/kg	80.7N	72.2	63	81N	29.8N
Beryllium	mg/kg	0.62	0.62	0.56	0.78	0.6
Cadmium	mg/kg	0.19	0.05B	0.11	0.02U	0.17
Calcium	mg/kg	944	970	1330	814	197
Chromium	mg/kg	15.3N	21.4	13.4	23.8	7.5N
Chromium, Hexavalent	mg/kg	N/A	N/A	N/A	3.4U	N/A
Cobalt	mg/kg	9	10	8.7	12.2	5.8
Copper	mg/kg	13.8	27.1	19.5	22N	6
Iron	mg/kg	21100	24500	21400	30400	24800
Lead	mg/kg	13.6	12.7	11.8	18.5N	24.7
Magnesium	mg/kg	2200N	3100N	2610N	3410	575N
Manganese	mg/kg	607	347	374	524	625
Mercury	mg/kg	0.02B	0.01U	0.04B	0.02B	0.02B
Nickel	mg/kg	16.3	17.9	28.2	23.5	9.7
Potassium	mg/kg	1010N	1480N	1100N	1700N	578N
Selenium	mg/kg	0.5B	0.29U	0.3U	0.68B	0.3U
Silver	mg/kg	0.06U	0.06U	0.06U	0.04U	0.06U
Sodium	mg/kg	73.7	66.5	76	43.8	56.5
Thallium	mg/kg	0.51U	1.7B	2	1.1B	0.47U
Vanadium	mg/kg	22N	27	15.3	31.6	9.7N
Zinc	mg/kg	57.1	49.7	59.5	59N	55



**Table H-2 Surface Soil Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 081	FBQ 082	FBQ 083	FBQ 084	FBQ 085
Sample ID		FBQSS-081-0161-SO	FBQSS-082-0163-SO	FBQSS-083-0165-SO	FBQSS-084-0167-SO	FBQSS-085-0169-SO
Date Collected		11/11/2003	11/11/2003	11/13/2003	11/13/2003	11/13/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Aluminum	mg/kg	7380	6740	13500	7320	13700
Antimony	mg/kg	0.28BN	0.45BN	0.25B	0.18U	0.27BN
Arsenic	mg/kg	14.1	11.3	13.1	7.9	12.3
Barium	mg/kg	144	49.3	61.5N	44.7N	71.9N
Beryllium	mg/kg	0.73	0.61	0.43	0.54	0.57E
Cadmium	mg/kg	0.2	0.13	0.02U	0.02U	0.03U*
Calcium	mg/kg	6380	4420	176	239	497
Chromium	mg/kg	11.3	10.4	18.3	11.6	21.9N
Chromium, Hexavalent	mg/kg	N/A	N/A	5.8U	2.9U	N/A
Cobalt	mg/kg	6.7	6.7	8.4	8.6	9.3
Copper	mg/kg	14	14.1	13.6N	15.7N	15.3
Iron	mg/kg	21400	18300	26100	23000	25000
Lead	mg/kg	19.1	15.1	12.7N	13.8N	15.1
Magnesium	mg/kg	2180N	1870N	2260	1380	2250N
Manganese	mg/kg	635	383	437	519	489
Mercury	mg/kg	0.01B	0.01B	0.01B	0.01U	0.02B
Nickel	mg/kg	14.9	15.2	14.9	14.2	14.8
Potassium	mg/kg	1020N	914N	1100N	881N	1160N
Selenium	mg/kg	0.27U	0.45B	0.71B	0.47B	0.57B
Silver	mg/kg	0.05U	0.05U	0.04U	0.03U	0.05U
Sodium	mg/kg	102	70.2	51.6	30.4	76.2
Thallium	mg/kg	0.43U	0.42U	0.69B	0.76B	0.41U
Vanadium	mg/kg	12.4	11.8	25.7	14.4	27.5
Zinc	mg/kg	78.5	60.7	48.8N	72.4N	44.2

**Table H-2 Surface Soil Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 086	FBQ 087	FBQ 088	FBQ 089	FBQ 090
Sample ID		FBQSS-086-0171-SO	FBQSS-087-0173-SO	FBQSS-088-0175-SO	FBQSS-089-0177-SO	FBQSS-090-0179-SO
Date Collected		11/17/2003	11/17/2003	11/11/2003	11/11/2003	11/11/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Aluminum	mg/kg	16200	21000	17600	3990	4080
Antimony	mg/kg	0.3UN	0.34BN	0.23BN	0.3UN	0.28UN
Arsenic	mg/kg	20.5N	17.7	12.1	8.9	7.3
Barium	mg/kg	55.7	79.8	68.5N	25.7	21.9
Beryllium	mg/kg	0.73	0.9	0.67	0.48	0.42
Cadmium	mg/kg	0.05B	0.05B	0.05	0.09	0.07B
Calcium	mg/kg	548	575	939	425	252
Chromium	mg/kg	21.7	27.2	21.6N	8.5	7.8
Chromium, Hexavalent	mg/kg	N/A	N/A	N/A	N/A	N/A
Cobalt	mg/kg	8	9.7	8.1	5.4	4.7
Copper	mg/kg	24	27.2	23.2	8.5	8.7
Iron	mg/kg	30400	34700	26500	20100	15200
Lead	mg/kg	15.5	15.6	13.1	14.6	16.9
Magnesium	mg/kg	3310N	4290N	2920N	771N	837N
Manganese	mg/kg	217	243	204	320	251
Mercury	mg/kg	0.06B	0.02B	0.02B	0.03B	0.02B
Nickel	mg/kg	21.8	26.6	17.5	9.8	9.2
Potassium	mg/kg	1600N	2010N	1270N	777N	614N
Selenium	mg/kg	0.32U	0.51B	0.79B	0.5B	0.37B
Silver	mg/kg	0.06U	0.06U	0.04U	0.06U	0.06U
Sodium	mg/kg	70.2	78.9	68	52.2B	49.1B
Thallium	mg/kg	2.4	0.45U	0.36U	0.51U	0.47U
Vanadium	mg/kg	27.6	34.1	33.8N	10.6	9.3
Zinc	mg/kg	57.1	65.5	49.3	55.1	57.8

**Table H-2 Surface Soil Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 091	FBQ 092	FBQ 093	FBQ 094	FBQ 095
Sample ID		FBQSS-091-0181-SO	FBQSS-092-0183-SO	FBQSS-093-0185-SO	FBQSS-094-0187-SO	FBQSS-095-0189-SO
Date Collected		11/11/2003	11/11/2003	11/11/2003	11/12/2003	11/12/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Aluminum	mg/kg	10100	4510	4870	12900	14300
Antimony	mg/kg	0.52BN	0.29UN	0.27UN	0.31UN	0.36BN
Arsenic	mg/kg	12.3	6.7	10.7	8.3	10.3
Barium	mg/kg	96.3	30.8	29.3	88.6N	97.6N
Beryllium	mg/kg	1	0.61	0.53	0.75	0.86
Cadmium	mg/kg	0.3	0.2	0.19	0.06B	0.18
Calcium	mg/kg	9250	2860	1510	153	743
Chromium	mg/kg	19.6	8.3	9.9	14.5N	429N
Chromium, Hexavalent	mg/kg	N/A	N/A	N/A	N/A	N/A
Cobalt	mg/kg	7.2	4.4	6.2	11.8	12.3
Copper	mg/kg	18.5	7.6	10.2	8.9	10.4
Iron	mg/kg	20900	17800	23200	18600	19700
Lead	mg/kg	49.5	19.1	20.3	18.3	18.4
Magnesium	mg/kg	2670N	1050N	1370N	1850N	2150N
Manganese	mg/kg	737	329	414	1000	1300
Mercury	mg/kg	0.03B	0.02B	0.03B	0.03B	0.02B
Nickel	mg/kg	14.8	9.2	13.2	14.3	16.7
Potassium	mg/kg	1080N	692N	858N	796N	878N
Selenium	mg/kg	0.93B	0.53B	0.83B	0.57B	0.65U
Silver	mg/kg	0.06U	0.06U	0.06U	0.17B	0.14U
Sodium	mg/kg	118	57.9	52.1	114	80.6
Thallium	mg/kg	0.48U	0.49U	0.45U	0.52U	1U
Vanadium	mg/kg	16.9	9.2	11.3	23.1N	23.5N
Zinc	mg/kg	69.3	63.1	69.5	49.7	60.7

**Table H-2 Surface Soil Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 096	FBQ 097	FBQ 098	FBQ 099	FBQ 100
Sample ID		FBQSS-096-0191-SO	FBQSS-097-0193-SO	FBQSS-098-0195-SO	FBQSS-099-0197-SO	FBQSS-100-0199-SO
Date Collected		11/12/2003	11/12/2003	11/12/2003	11/11/2003	11/11/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Aluminum	mg/kg	12200	12600	13200	3530	6340
Antimony	mg/kg	0.3UN	0.35BN	0.33B	0.29UN	0.35BN
Arsenic	mg/kg	10	9.1	8.5	7	11.9
Barium	mg/kg	137N	86.6N	64.2N	25.4	34.4
Beryllium	mg/kg	0.82	0.67	0.42	0.81	0.48
Cadmium	mg/kg	0.12	0.08	0.02U	0.23	0.12
Calcium	mg/kg	279	196	326	663	671
Chromium	mg/kg	15N	18.9N	16.3	9.4	13.5
Chromium, Hexavalent	mg/kg	N/A	N/A	3U	N/A	N/A
Cobalt	mg/kg	11.3	10.9	10.7	4.6	6.5
Copper	mg/kg	11.5	8.8	9.8N	7.6	12.2
Iron	mg/kg	20200	18600	20500	26700	19300
Lead	mg/kg	19.4	14.5	11.7N	15.2	16.7
Magnesium	mg/kg	2090N	1680N	2090	757N	1390N
Manganese	mg/kg	1200	958	456	271	334
Mercury	mg/kg	0.02B	0.02B	0.02B	0.02B	0.02B
Nickel	mg/kg	16.2	15.8	14.6	9.4	13.7
Potassium	mg/kg	930N	739N	998N	694N	1010N
Selenium	mg/kg	0.64U	0.75B	0.5B	0.73B	0.32U
Silver	mg/kg	0.14U	0.13B	0.04U	0.06U	0.06U
Sodium	mg/kg	102	101	54.3	47.7B	59.6
Thallium	mg/kg	1U	0.49U	0.61B	0.48U	0.5U
Vanadium	mg/kg	21.2N	23.2N	25.6	12.3	12.8
Zinc	mg/kg	51.5	51.8	51.7N	82.9	63.5

**Table H-3 Surface Soil Pesticides and PCBs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 009	FBQ 017	FBQ 018	FBQ 019	FBQ 029
Sample ID		FBQSS-009-0017-SO	FBQSS-017-0033-SO	FBQSS-018-0035-SO	FBQSS-019-0037-SO	FBQSS-029-0057-SO
Date Collected		10/20/2003	10/3/2003	10/20/2003	10/13/2003	10/8/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
4,4-DDD	µg/kg	2.1U	2.1U	2.1U	2.1U	2.2U
4,4-DDE	µg/kg	0.18J	2.1U	2.1U	2.1U	0.37J
4,4-DDT	µg/kg	2.1U	2.1U	2.1U	2.1U	2.2U
Aldrin	µg/kg	2.1U	2.1U	2.1U	2.1U	2.2U
Alpha-BHC	µg/kg	2.1U	2.1U	2.1U	2.1U	2.2U
Alpha-Chlordane	µg/kg	2.1U	2.1U	2.1U	2.1U	2.2U
Beta-BHC	µg/kg	2.1U	2.1U	2.1U	2.1U	2.2U
Chlordane	µg/kg	43U	43U	41U	42U	43U
Delta-BHC	µg/kg	2.1U	2.1U	2.1U	2.1U	2.2U
Dieldrin	µg/kg	2.1U	2.1U	2.1U	2.1U	2.2U
Endosulfan I	µg/kg	2.1U	2.1U	2.1U	2.1U	2.2U
Endosulfan II	µg/kg	2.1U	2.1U	2.1U	2.1U	2.2U
Endosulfan Sulfate	µg/kg	2.1U	2.1U	2.1U	2.1U	2.2U
Endrin	µg/kg	2.1U	2.1U	2.1U	2.1U	2.2U
Endrin Aldehyde	µg/kg	2.1U	2.1U	2.1U	2.1U	2.2U
Endrin Ketone	µg/kg	2.1U	2.1U	2.1U	2.1U	2.2U
Gamma-BHC (Lindane)	µg/kg	2.1U	2.1U	2.1U	2.1U	2.2U
Gamma-Chlordane	µg/kg	2.1U	2.1U	2.1U	2.1U	2.2U
Heptachlor	µg/kg	2.1U	2.1U	2.1U	2.1U	2.2U
Heptachlor Epoxide	µg/kg	2.1U	2.1U	2.1U	2.1U	2.2U
Methoxychlor	µg/kg	2.1U	2.1U	2.1U	2.1U	2.2U
PCB-1016	µg/kg	43U	43U	41U	42U	43U
PCB-1221	µg/kg	43U	43U	41U	42U	43U
PCB-1242	µg/kg	43U	43U	41U	42U	43U
PCB-1248	µg/kg	43U	43U	41U	42U	43U
PCB-1254	µg/kg	43U	43U	41U	42U	43U
PCB-1260	µg/kg	43U	43U	41U	42U	43U
Toxaphene	µg/kg	43U	43U	41U	42U	43U

**Table H-3 Surface Soil Pesticides and PCBs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 032	FBQ 045	FBQ 060	FBQ 079	FBQ 083
Sample ID		FBQSS-032-0063-SO	FBQSS-045-0089-SO	FBQSS-060-0119-SO	FBQSS-079-0157-SO	FBQSS-083-0165-SO
Date Collected		10/8/2003	10/13/2003	10/13/2003	11/12/2003	11/13/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Composite	Composite	Composite	Field Duplicate	Composite
Analyte	Units					
4,4-DDD	µg/kg	2.1U	1.9U	2.2U	2.4U	2U
4,4-DDE	µg/kg	2.1U	1.9U	2.2U	2.4U	0.33J
4,4-DDT	µg/kg	2.1U	1.9U	2.2U	2.4U	2.4
Aldrin	µg/kg	2.1U	1.9U	2.2U	2.4U	1.2JP
Alpha-BHC	µg/kg	2.1U	1.9U	2.2U	2.4U	2U
Alpha-Chlordane	µg/kg	2.1U	1.9U	2.2U	2.4U	2U
Beta-BHC	µg/kg	2.1U	1.9U	2.2U	2.4U	2U
Chlordane	µg/kg	42U	38U	43U	47U	41U
Delta-BHC	µg/kg	2.1U	1.9U	2.2U	2.4U	2U
Dieldrin	µg/kg	2.1U	1.9U	2.2U	2.4U	2.1
Endosulfan I	µg/kg	2.1U	1.9U	2.2U	2.4U	2U
Endosulfan II	µg/kg	2.1U	1.9U	2.2U	2.4U	2U
Endosulfan Sulfate	µg/kg	2.1U	1.9U	2.2U	2.4U	2U
Endrin	µg/kg	2.1U	1.9U	2.2U	2.4U	2.6
Endrin Aldehyde	µg/kg	2.1U	1.9U	2.2U	2.4U	0.85J
Endrin Ketone	µg/kg	2.1U	1.9U	2.2U	2.4U	0.34JP
Gamma-BHC (Lindane)	µg/kg	2.1U	1.9U	2.2U	2.4U	0.93J
Gamma-Chlordane	µg/kg	2.1U	1.9U	2.2U	2.4U	2U
Heptachlor	µg/kg	2.1U	1.9U	2.2U	2.4U	0.79J
Heptachlor Epoxide	µg/kg	2.1U	1.9U	2.2U	2.4U	2U
Methoxychlor	µg/kg	2.1U	1.9U	2.2U	2.4U	2U
PCB-1016	µg/kg	42U	38U	43U	47U	41U
PCB-1221	µg/kg	42U	38U	43U	47U	41U
PCB-1242	µg/kg	42U	38U	43U	47U	41U
PCB-1248	µg/kg	42U	38U	43U	47U	41U
PCB-1254	µg/kg	42U	38U	43U	47U	41U
PCB-1260	µg/kg	42U	38U	43U	47U	41U
Toxaphene	µg/kg	42U	38U	43U	47U	41U

**Table H-3 Surface Soil Pesticides and PCBs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 084	FBQ 098
Sample ID		FBQSS-084-0167-SO	FBQSS-098-0195-SO
Date Collected		11/13/2003	11/12/2003
Depth (ft)		0-1'	0-1'
Sample Type		Composite	Composite
Analyte	Units		
4,4-DDD	µg/kg	2U	2U
4,4-DDE	µg/kg	2U	2U
4,4-DDT	µg/kg	2U	2U
Aldrin	µg/kg	2U	2U
Alpha-BHC	µg/kg	2U	2U
Alpha-Chlordane	µg/kg	2U	2U
Beta-BHC	µg/kg	2U	2U
Chlordane	µg/kg	39U	41U
Delta-BHC	µg/kg	2U	2U
Dieldrin	µg/kg	2U	2U
Endosulfan I	µg/kg	2U	2U
Endosulfan II	µg/kg	2U	2U
Endosulfan Sulfate	µg/kg	2U	2U
Endrin	µg/kg	2U	2U
Endrin Aldehyde	µg/kg	2U	2U
Endrin Ketone	µg/kg	2U	2U
Gamma-BHC (Lindane)	µg/kg	2U	2U
Gamma-Chlordane	µg/kg	2U	2U
Heptachlor	µg/kg	2U	2U
Heptachlor Epoxide	µg/kg	2U	2U
Methoxychlor	µg/kg	2U	2U
PCB-1016	µg/kg	39U	41U
PCB-1221	µg/kg	39U	41U
PCB-1242	µg/kg	39U	41U
PCB-1248	µg/kg	39U	41U
PCB-1254	µg/kg	39U	41U
PCB-1260	µg/kg	39U	41U
Toxaphene	µg/kg	39U	41U

**Table H-4 Surface Soil SVOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 009	FBQ 017	FBQ 018	FBQ 019	FBQ 029
Sample ID		FBQSS-009-0017-SO	FBQSS-017-0033-SO	FBQSS-018-0035-SO	FBQSS-019-0037-SO	FBQSS-029-0057-SO
Date Collected		10/20/2003	10/3/2003	10/20/2003	10/13/2003	10/8/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,1- Biphenyl	µg/kg	430U	430U	410U	420U	430U
2,2-Oxybis(1-Chloroprop	µg/kg	430U	430U	410U	420U	430U
2,4,5-Trichlorophenol	µg/kg	430U	430U	410U	420U	430U
2,4,6-Trichlorophenol	µg/kg	430U	430U	410U	420U	430U
2,4-Dichlorophenol	µg/kg	430U	430U	410U	420U	430U
2,4-Dimethylphenol	µg/kg	430U	430U	410U	420U	430U
2,4-Dinitrophenol	µg/kg	850U	850U	820U	840U	860U
2,4-Dinitrotoluene	µg/kg	430U	430U	410U	420U	430U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	430U	430U	410U	420U	430U
2,6-Dinitrotoluene	µg/kg	100U	100U	410U	100U	100U
2-Chloronaphthalene	µg/kg	430U	430U	410U	420U	430U
2-Chlorophenol	µg/kg	430U	430U	410U	420U	430U
2-Methylnaphthalene	µg/kg	430U	430U	410U	420U	430U
2-methylphenol	µg/kg	430U	430U	410U	420U	430U
2-Nitroaniline	µg/kg	430U	430U	410U	420U	430U
2-Nitrophenol	µg/kg	430U	430U	820U	420U	430U
3,3-Dichlorobenzidine	µg/kg	850U	850U	410U	840U	860U
3-Nitroaniline	µg/kg	430U	430U	820U	420U	430U
4,6-dinitro-2-methyl phen	µg/kg	850U	850U	410U	840U	860U
4-Bromophenyl-phenylet	µg/kg	430U	430U	410U	420U	430U
4-chloro-3-methylphenol	µg/kg	430U	430U	410U	420U	430U
4-Chloroaniline	µg/kg	430U	430U	410U	420U	430U
4-Chlorophenyl Phenyl E	µg/kg	430U	430U	410U	420U	430U
4-methylphenol	µg/kg	430U	430U	410U	420U	430U



**Table H-4 Surface Soil SVOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 009	FBQ 017	FBQ 018	FBQ 019	FBQ 029
Sample ID		FBQSS-009-0017-SO	FBQSS-017-0033-SO	FBQSS-018-0035-SO	FBQSS-019-0037-SO	FBQSS-029-0057-SO
Date Collected		10/20/2003	10/3/2003	10/20/2003	10/13/2003	10/8/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
4-Nitroaniline	µg/kg	430U	430U	820U	420U	430U
4-Nitrophenol	µg/kg	850U	850U	410U	840U	860U
Acenaphthene	µg/kg	430U	430U	410U	420U	430U
Acenaphthylene	µg/kg	430U	430U	410U	420U	430U
Acetophenone	µg/kg	430U	430U	410U	420U	430U
Anthracene	µg/kg	430U	430U	410U	420U	430U
Atrazine	µg/kg	430U	430U	410U	420U	430U
Benzaldehyde	µg/kg	430U	430U	410U	420U	430U
Benzo(a)anthracene	µg/kg	430U	430U	410U	420U	430U
Benzo(a)pyrene	µg/kg	430U	430U	410U	420U	430U
Benzo(b)fluoranthene	µg/kg	430U	430U	410U	420U	430U
Benzo(g,h,i)perylene	µg/kg	430U	430U	410U	420U	430U
Benzo(k)fluoranthene	µg/kg	430U	430U	410U	420U	430U
Benzyl Butyl Phthalate	µg/kg	430U	430U	410U	420U	430U
bis(2-chloroethoxy) meth	µg/kg	430U	430U	410U	420U	430U
bis(2-chloroethyl) ether	µg/kg	430U	430U	410U	420U	430U
bis(2-ethylhexyl) phthala	µg/kg	430U	430U	410U	420U	430U
Caprolactam	µg/kg	430U	430U	410U	420U	430U
Carbazole	µg/kg	430U	430U	410U	420U	430U
Chrysene	µg/kg	430U	430U	410U	420U	430U
Dibenz(a,h)Anthracene	µg/kg	430U	430U	410U	420U	430U
Dibenzofuran	µg/kg	430U	430U	410U	420U	430U
Diethyl Phthalate	µg/kg	430U	430U	410U	420U	430U
Dimethyl Phthalate	µg/kg	430U	430U	410U	420U	430U
di-n-Butyl Phthalate	µg/kg	430U	430U	410U	420U	430U

**Table H-4 Surface Soil SVOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 009	FBQ 017	FBQ 018	FBQ 019	FBQ 029
Sample ID		FBQSS-009-0017-SO	FBQSS-017-0033-SO	FBQSS-018-0035-SO	FBQSS-019-0037-SO	FBQSS-029-0057-SO
Date Collected		10/20/2003	10/3/2003	10/20/2003	10/13/2003	10/8/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
di-n-Octyl Phthalate	µg/kg	430U	430U	410U	420U	430U
Fluoranthene	µg/kg	430U	50J	410U	420U	430U
Fluorene	µg/kg	430U	430U	410U	420U	430U
Hexachlorobenzene	µg/kg	430U	430U	410U	420U	430U
Hexachlorobutadiene	µg/kg	430U	430U	410U	420U	430U
Hexachlorocyclopentadiene	µg/kg	430U	430U	410U	420U	430U
Hexachloroethane	µg/kg	430U	430U	410U	420U	430U
Indeno(1,2,3-c,d)Pyrene	µg/kg	430U	430U	410U	420U	430U
Isophorone	µg/kg	430U	430U	410U	420U	430U
Naphthalene	µg/kg	430U	430U	100U	420U	430U
Nitrobenzene	µg/kg	430U	430U	410U	420U	430U
Nitrobenzene	µg/kg	100U	100U	410U	100U	100U
n-Nitrosodi-n-Propylamine	µg/kg	430U	430U	820U	420U	430U
n-Nitrosodiphenylamine	µg/kg	430U	430U	410U	420U	430U
Pentachlorophenol	µg/kg	850U	850U	410U	840U	860U
Phenanthrene	µg/kg	430U	430U	410U	420U	430U
Phenol	µg/kg	430U	430U		420U	430U
Pyrene	µg/kg	430U	430U		420U	430U

**Table H-4 Surface Soil SVOCs Analytical Results Summary Table**  
**Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 032	FBQ 045	FBQ 060	FBQ 079	FBQ 083
Sample ID		FBQSS-032-0063-SO	FBQSS-045-0089-SO	FBQSS-060-0119-SO	FBQSS-079-0157-SO	FBQSS-083-0165-SO
Date Collected		10/8/2003	10/13/2003	10/13/2003	11/12/2003	11/13/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,1- Biphenyl	µg/kg	420U	380U	430U	470U	410U
2,2-Oxybis(1-Chloroprop	µg/kg	420U	380U	430U	470U	410U
2,4,5-Trichlorophenol	µg/kg	420U	380U	430U	470U	410U
2,4,6-Trichlorophenol	µg/kg	420U	380U	430U	470U	410U
2,4-Dichlorophenol	µg/kg	420U	380U	430U	470U	410U
2,4-Dimethylphenol	µg/kg	420U	380U	430U	470U	410U
2,4-Dinitrophenol	µg/kg	840U	760U	870U	940U	820U
2,4-Dinitrotoluene	µg/kg	420U	380U	430U	470U	410U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	420U	380U	430U	470U	410U
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2-Chloronaphthalene	µg/kg	420U	380U	430U	470U	410U
2-Chlorophenol	µg/kg	420U	380U	430U	470U	410U
2-Methylnaphthalene	µg/kg	420U	380U	430U	470U	410U
2-methylphenol	µg/kg	420U	380U	430U	470U	410U
2-Nitroaniline	µg/kg	420U	380U	430U	470U	410U
2-Nitrophenol	µg/kg	420U	380U	430U	470U	410U
3,3-Dichlorobenzidine	µg/kg	840U	760U	870U	940U	820U
3-Nitroaniline	µg/kg	420U	380U	430U	470U	410U
4,6-dinitro-2-methyl pher	µg/kg	840U	760U	870U	940U	820U
4-Bromophenyl-phenylet	µg/kg	420U	380U	430U	470U	410U
4-chloro-3-methylphenol	µg/kg	420U	380U	430U	470U	410U
4-Chloroaniline	µg/kg	420U	380U	430U	470U	410U
4-Chlorophenyl Phenyl E	µg/kg	420U	380U	430U	470U	410U
4-methylphenol	µg/kg	420U	380U	430U	470U	410U

**Table H-4 Surface Soil SVOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 032	FBQ 045	FBQ 060	FBQ 079	FBQ 083
Sample ID		FBQSS-032-0063-SO	FBQSS-045-0089-SO	FBQSS-060-0119-SO	FBQSS-079-0157-SO	FBQSS-083-0165-SO
Date Collected		10/8/2003	10/13/2003	10/13/2003	11/12/2003	11/13/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
4-Nitroaniline	µg/kg	420U	380U	430U	470U	410U
4-Nitrophenol	µg/kg	840U	760U	870U	940U	820U
Acenaphthene	µg/kg	420U	380U	430U	470U	410U
Acenaphthylene	µg/kg	420U	380U	430U	470U	410U
Acetophenone	µg/kg	420U	380U	430U	470U	410U
Anthracene	µg/kg	420U	380U	430U	470U	410U
Atrazine	µg/kg	420U	380U	430U	470U	410U
Benzaldehyde	µg/kg	420U	380U	430U	470U	410U
Benzo(a)anthracene	µg/kg	420U	380U	190J	470U	410U
Benzo(a)pyrene	µg/kg	420U	380U	84J	470U	410U
Benzo(b)fluoranthene	µg/kg	420U	380U	260J	470U	410U
Benzo(g,h,i)perylene	µg/kg	420U	380U	430U	470U	410U
Benzo(k)fluoranthene	µg/kg	420U	380U	85J	470U	410U
Benzyl Butyl Phthalate	µg/kg	420U	380U	430U	470U	410U
bis(2-chloroethoxy) meth	µg/kg	420U	380U	430U	470U	410U
bis(2-chloroethyl) ether	µg/kg	420U	380U	430U	470U	410U
bis(2-ethylhexyl) phthala	µg/kg	420U	380U	430U	470U	410U
Caprolactam	µg/kg	420U	380U	430U	470U	410U
Carbazole	µg/kg	420U	380U	430U	470U	410U
Chrysene	µg/kg	420U	380U	370J	470U	410U
Dibenz(a,h)Anthracene	µg/kg	420U	380U	430U	470U	410U
Dibenzofuran	µg/kg	420U	380U	430U	470U	410U
Diethyl Phthalate	µg/kg	420U	380U	430U	470U	410U
Dimethyl Phthalate	µg/kg	420U	380U	430U	470U	410U
di-n-Butyl Phthalate	µg/kg	240J	380U	430U	470U	410U

**Table H-4 Surface Soil SVOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 032	FBQ 045	FBQ 060	FBQ 079	FBQ 083
Sample ID		FBQSS-032-0063-SO	FBQSS-045-0089-SO	FBQSS-060-0119-SO	FBQSS-079-0157-SO	FBQSS-083-0165-SO
Date Collected		10/8/2003	10/13/2003	10/13/2003	11/12/2003	11/13/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
di-n-Octyl Phthalate	µg/kg	420U	380U	430U	470U	410U
Fluoranthene	µg/kg	420U	380U	870	470U	410U
Fluorene	µg/kg	420U	380U	430U	470U	410U
Hexachlorobenzene	µg/kg	420U	380U	430U	470U	410U
Hexachlorobutadiene	µg/kg	420U	380U	430U	470U	410U
Hexachlorocyclopentadiene	µg/kg	420U	380U	430U	470U	410U
Hexachloroethane	µg/kg	420U	380U	430U	470U	410U
Indeno(1,2,3-c,d)Pyrene	µg/kg	420U	380U	430U	470U	410U
Isophorone	µg/kg	420U	380U	430U	470U	410U
Naphthalene	µg/kg	420U	380U	430U	470U	410U
Nitrobenzene	µg/kg	420U	380U	430U	470U	410U
Nitrobenzene	µg/kg	100U	100U	100U	100U	100U
n-Nitrosodi-n-Propylamine	µg/kg	420U	380U	430U	470U	410U
n-Nitrosodiphenylamine	µg/kg	420U	380U	430U	470U	410U
Pentachlorophenol	µg/kg	840U	760U	870U	940U	820U
Phenanthrene	µg/kg	420U	380U	430U	470U	410U
Phenol	µg/kg	420U	380U	430U	470U	410U
Pyrene	µg/kg	420U	380U	640	470U	410U

**Table H-4 Surface Soil SVOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 084	FBQ 098
Sample ID		FBQSS-084-0167-SO	FBQSS-098-0195-SO
Date Collected		11/13/2003	11/12/2003
Depth (ft)		0-1'	0-1'
Sample Type		Grab	Grab
Analyte	Units		
1,1- Biphenyl	µg/kg	390U	410U
2,2-Oxybis(1-Chloroprop	µg/kg	390U	410U
2,4,5-Trichlorophenol	µg/kg	390U	410U
2,4,6-Trichlorophenol	µg/kg	390U	410U
2,4-Dichlorophenol	µg/kg	390U	410U
2,4-Dimethylphenol	µg/kg	390U	410U
2,4-Dinitrophenol	µg/kg	780U	810U
2,4-Dinitrotoluene	µg/kg	390U	410U
2,4-Dinitrotoluene	µg/kg	100U	100U
2,6-Dinitrotoluene	µg/kg	390U	410U
2,6-Dinitrotoluene	µg/kg	100U	100U
2-Chloronaphthalene	µg/kg	390U	410U
2-Chlorophenol	µg/kg	390U	410U
2-Methylnaphthalene	µg/kg	390U	410U
2-methylphenol	µg/kg	390U	410U
2-Nitroaniline	µg/kg	390U	410U
2-Nitrophenol	µg/kg	390U	410U
3,3-Dichlorobenzidine	µg/kg	780U	810U
3-Nitroaniline	µg/kg	390U	410U
4,6-dinitro-2-methyl phen	µg/kg	780U	810U
4-Bromophenyl-phenylet	µg/kg	390U	410U
4-chloro-3-methylphenol	µg/kg	390U	410U
4-Chloroaniline	µg/kg	390U	410U
4-Chlorophenyl Phenyl E	µg/kg	390U	410U
4-methylphenol	µg/kg	390U	410U

**Table H-4 Surface Soil SVOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 084	FBQ 098
Sample ID		FBQSS-084-0167-SO	FBQSS-098-0195-SO
Date Collected		11/13/2003	11/12/2003
Depth (ft)		0-1'	0-1'
Sample Type		Grab	Grab
Analyte	Units		
4-Nitroaniline	µg/kg	390U	410U
4-Nitrophenol	µg/kg	780U	810U
Acenaphthene	µg/kg	390U	410U
Acenaphthylene	µg/kg	390U	410U
Acetophenone	µg/kg	390U	410U
Anthracene	µg/kg	390U	410U
Atrazine	µg/kg	390U	410U
Benzaldehyde	µg/kg	390U	410U
Benzo(a)anthracene	µg/kg	390U	410U
Benzo(a)pyrene	µg/kg	390U	410U
Benzo(b)fluoranthene	µg/kg	390U	410U
Benzo(g,h,i)perylene	µg/kg	390U	410U
Benzo(k)fluoranthene	µg/kg	390U	410U
Benzyl Butyl Phthalate	µg/kg	390U	410U
bis(2-chloroethoxy) meth	µg/kg	390U	410U
bis(2-chloroethyl) ether	µg/kg	390U	410U
bis(2-ethylhexyl) phthala	µg/kg	390U	150J
Caprolactam	µg/kg	390U	410U
Carbazole	µg/kg	390U	410U
Chrysene	µg/kg	390U	410U
Dibenz(a,h)Anthracene	µg/kg	390U	410U
Dibenzofuran	µg/kg	390U	410U
Diethyl Phthalate	µg/kg	390U	5600
Dimethyl Phthalate	µg/kg	390U	410U
di-n-Butyl Phthalate	µg/kg	390U	410U

**Table H-4 Surface Soil SVOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 084	FBQ 098
Sample ID		FBQSS-084-0167-SO	FBQSS-098-0195-SO
Date Collected		11/13/2003	11/12/2003
Depth (ft)		0-1'	0-1'
Sample Type		Grab	Grab
Analyte	Units		
di-n-Octyl Phthalate	µg/kg	390U	410U
Fluoranthene	µg/kg	390U	410U
Fluorene	µg/kg	390U	410U
Hexachlorobenzene	µg/kg	390U	410U
Hexachlorobutadiene	µg/kg	390U	410U
Hexachlorocyclopentadiene	µg/kg	390U	410U
Hexachloroethane	µg/kg	390U	410U
Indeno(1,2,3-c,d)Pyrene	µg/kg	390U	410U
Isophorone	µg/kg	390U	410U
Naphthalene	µg/kg	390U	410U
Nitrobenzene	µg/kg	390U	410U
Nitrobenzene	µg/kg	100U	37JB
n-Nitrosodi-n-Propylamine	µg/kg	390U	410U
n-Nitrosodiphenylamine	µg/kg	390U	410U
Pentachlorophenol	µg/kg	780U	810U
Phenanthrene	µg/kg	390U	410U
Phenol	µg/kg	390U	410U
Pyrene	µg/kg	390U	410U



**Table H-5 Surface Soil VOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 009	FBQ 017	FBQ 018	FBQ 019	FBQ 029
Sample ID		FBQSS-009-0017-SO	FBQSS-017-0033-SO	FBQSS-018-0035-SO	FBQSS-019-0037-SO	FBQSS-029-0057-SO
Date Collected		10/20/2003	10/3/2003	10/20/2003	10/13/2003	10/8/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,1,1-Trichloroethane	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
1,1,2,2-Tetrachloroethane	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
1,1,2-Trichloroethane	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
1,1-Dichloroethane	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
1,1-Dichloroethene	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
1,2,4-Trichlorobenzene	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
1,2-Dibromo-3-Chloropropan	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
1,2-Dichlorobenzene	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
1,2-Dichloroethane	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
1,2-Dichloropropane	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
1,3-Dichlorobenzene	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
1,4-Dichlorobenzene	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
2-Butanone	µg/kg	13U	13U	12U	12U	13U
2-Hexanone	µg/kg	13U	13U	12U	12U	13U
4-Methyl-2-Pentanone	µg/kg	13U	13U	12U	12U	13U
Acetone	µg/kg	9.2JB	8.3JB	5.1J	8.5JB	13U
Benzene	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
Bromoform	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
Bromomethane	µg/kg	13U	13U	12U	12U	13U
Carbon Disulfide	µg/kg	6.4U	6.4U	6.2U	2.4J	6.5U
Carbon Tetrachloride	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
Chlorobenzene	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
Chloroethane	µg/kg	13U	13U	12U	12U	13U
Chloroform	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
Chloromethane	µg/kg	13U	13U	12U	12U	13U

**Table H-5 Surface Soil VOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 009	FBQ 017	FBQ 018	FBQ 019	FBQ 029
Sample ID		FBQSS-009-0017-SO	FBQSS-017-0033-SO	FBQSS-018-0035-SO	FBQSS-019-0037-SO	FBQSS-029-0057-SO
Date Collected		10/20/2003	10/3/2003	10/20/2003	10/13/2003	10/8/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
cis-1,2-Dichloroethene	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
cis-1,3-Dichloropropene	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
Cyclohexane	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
Dibromochloromethane	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
Dichlorodifluoromethane	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
Ethylbenzene	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
Ethylene Dibromide	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
Freon 113	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
Isopropylbenzene	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
m,p-Xylenes	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
Methyl Acetate	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
Methylcyclohexane	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
Methylene Chloride	µg/kg	27	4.1JB	10JB	6.8JB	7.7JB
o-Xylene	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
Styrene	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
tert-butyl methyl ether	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
Tetrachloroethylene	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
Toluene	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
trans-1,2-dichloroethene	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
trans-1,3-dichloropropene	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
Trichloroethene	µg/kg	6.4U	6.4U	6.2U	6.2U	4.9J
Trichlorofluoromethane	µg/kg	6.4U	6.4U	6.2U	6.2U	6.5U
Vinyl Chloride	µg/kg	13U	13U	12U	12U	13U

**Table H-5 Surface Soil VOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 032	FBQ 045	FBQ 060	FBQ 079	FBQ 083
Sample ID		FBQSS-032-0063-SO	FBQSS-045-0089-SO	FBQSS-060-0119-SO	FBQSS-079-0157-SO	FBQSS-083-0165-SO
Date Collected		10/8/2003	10/13/2003	10/13/2003		11/13/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,1,1-Trichloroethane	µg/kg	6.3U	5.7U	6.5U	6.1U	13
1,1,2,2-Tetrachloroethane	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
1,1,2-Trichloroethane	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
1,1-Dichloroethane	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
1,1-Dichloroethene	µg/kg	6.3U	5.7U	6.5U	6.1U	7.4
1,2,4-Trichlorobenzene	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
1,2-Dibromo-3-Chloropropan	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
1,2-Dichlorobenzene	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
1,2-Dichloroethane	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
1,2-Dichloropropane	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
1,3-Dichlorobenzene	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
1,4-Dichlorobenzene	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
2-Butanone	µg/kg	13U	11U	13U	12U	12U
2-Hexanone	µg/kg	13U	11U	13U	12U	12U
4-Methyl-2-Pentanone	µg/kg	13U	11U	13U	12U	12U
Acetone	µg/kg	9.8JB	11U	9.6JB	6.6JB	9.7JB
Benzene	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
Bromoform	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
Bromomethane	µg/kg	13U	11U	13U	12U	12U
Carbon Disulfide	µg/kg	6.3U	5.7U	69	6.1U	6.1U
Carbon Tetrachloride	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
Chlorobenzene	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
Chloroethane	µg/kg	13U	11U	13U	12U	12U
Chloroform	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
Chloromethane	µg/kg	13U	11U	13U	12U	12U

**Table H-5 Surface Soil VOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 032	FBQ 045	FBQ 060	FBQ 079	FBQ 083
Sample ID		FBQSS-032-0063-SO	FBQSS-045-0089-SO	FBQSS-060-0119-SO	FBQSS-079-0157-SO	FBQSS-083-0165-SO
Date Collected		10/8/2003	10/13/2003	10/13/2003		11/13/2003
Depth (ft)		0-1'	0-1'	0-1'	0-1'	0-1'
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
cis-1,2-Dichloroethene	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
cis-1,3-Dichloropropene	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
Cyclohexane	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
Dibromochloromethane	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
Dichlorodifluoromethane	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
Ethylbenzene	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
Ethylene Dibromide	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
Freon 113	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
Isopropylbenzene	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
m,p-Xylenes	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
Methyl Acetate	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
Methylcyclohexane	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
Methylene Chloride	µg/kg	9.7JB	5.6JB	10JB	12JB	12B
o-Xylene	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
Styrene	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
tert-butyl methyl ether	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
Tetrachloroethylene	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
Toluene	µg/kg	6.3U	5.7U	6.5U	6.1U	2J
trans-1,2-dichloroethene	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
trans-1,3-dichloropropene	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
Trichloroethene	µg/kg	4.1J	5.7U	6.5U	6.1U	6.1U
Trichlorofluoromethane	µg/kg	6.3U	5.7U	6.5U	6.1U	6.1U
Vinyl Chloride	µg/kg	13U	11U	13U	12U	12U

**Table H-5 Surface Soil VOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 084	FBQ 098
Sample ID		FBQSS-084-0167-SO	FBQSS-098-0195-SO
Date Collected		11/13/2003	11/12/2003
Depth (ft)		0-1'	0-1'
Sample Type		Grab	Grab
Analyte	Units		
1,1,1-Trichloroethane	µg/kg	5.9U	6.9U
1,1,2,2-Tetrachloroethane	µg/kg	5.9U	6.9U
1,1,2-Trichloroethane	µg/kg	5.9U	6.9U
1,1-Dichloroethane	µg/kg	5.9U	6.9U
1,1-Dichloroethene	µg/kg	5.9U	6.9U
1,2,4-Trichlorobenzene	µg/kg	5.9U	6.9U
1,2-Dibromo-3-Chloropropan	µg/kg	5.9U	6.9U
1,2-Dichlorobenzene	µg/kg	5.9U	6.9U
1,2-Dichloroethane	µg/kg	5.9U	6.9U
1,2-Dichloropropane	µg/kg	5.9U	6.9U
1,3-Dichlorobenzene	µg/kg	5.9U	6.9U
1,4-Dichlorobenzene	µg/kg	5.9U	6.9U
2-Butanone	µg/kg	12U	14U
2-Hexanone	µg/kg	12U	14U
4-Methyl-2-Pentanone	µg/kg	12U	14U
Acetone	µg/kg	10JB	7.4JB
Benzene	µg/kg	5.9U	6.9U
Bromoform	µg/kg	5.9U	6.9U
Bromomethane	µg/kg	12U	14U
Carbon Disulfide	µg/kg	5.9U	6.9U
Carbon Tetrachloride	µg/kg	5.9U	6.9U
Chlorobenzene	µg/kg	5.9U	6.9U
Chloroethane	µg/kg	12U	14U
Chloroform	µg/kg	5.9U	6.9U
Chloromethane	µg/kg	12U	14U

**Table H-5 Surface Soil VOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 084	FBQ 098
Sample ID		FBQSS-084-0167-SO	FBQSS-098-0195-SO
Date Collected		11/13/2003	11/12/2003
Depth (ft)		0-1'	0-1'
Sample Type		Grab	Grab
Analyte	Units		
cis-1,2-Dichloroethene	µg/kg	5.9U	6.9U
cis-1,3-Dichloropropene	µg/kg	5.9U	6.9U
Cyclohexane	µg/kg	5.9U	6.9U
Dibromochloromethane	µg/kg	5.9U	6.9U
Dichlorodifluoromethane	µg/kg	5.9U	6.9U
Ethylbenzene	µg/kg	5.9U	6.9U
Ethylene Dibromide	µg/kg	5.9U	6.9U
Freon 113	µg/kg	5.9U	6.9U
Isopropylbenzene	µg/kg	5.9U	6.9U
m,p-Xylenes	µg/kg	5.9U	6.9U
Methyl Acetate	µg/kg	5.9U	6.9U
Methylcyclohexane	µg/kg	5.9U	6.9U
Methylene Chloride	µg/kg	6.5JB	12JB
o-Xylene	µg/kg	5.9U	6.9U
Styrene	µg/kg	5.9U	6.9U
tert-butyl methyl ether	µg/kg	5.9U	6.9U
Tetrachloroethylene	µg/kg	5.9U	6.9U
Toluene	µg/kg	3.9J	6.9U
trans-1,2-dichloroethene	µg/kg	5.9U	6.9U
trans-1,3-dichloropropene	µg/kg	5.9U	6.9U
Trichloroethene	µg/kg	5.9U	2.5J
Trichlorofluoromethane	µg/kg	5.9U	6.9U
Vinyl Chloride	µg/kg	12U	14U

**Table H-6 Subsurface Soil Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 001	FBQ 002	FBQ 003	FBQ 004	FBQ005
Sample ID		FBQSO-001-0002-SO	FBQSO-002-0004-SO	FBQSO-003-0006-SO	FBQSO-004-0008-SO	FBQSO-005-0010-SO
Date Collected		10/14/2003	10/14/2003	10/20/2003	10/20/2003	10/20/2003
Depth (ft)		1-3'	1-3'	1-3'	1-3'	1-3'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	100U	100U	390U	100U	100U
2,4-Dinitrotoluene	µg/kg	N/A	N/A	100U	N/A	N/A
2,6-Dinitrotoluene	µg/kg	100U	100U	390U	100U	100U
2,6-Dinitrotoluene	µg/kg	N/A	N/A	100U	N/A	N/A
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	N/A	N/A	390U	N/A	N/A
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	100U	80J	390U	100U	49J
Nitrobenzene	µg/kg	N/A	N/A	100	N/A	N/A
Nitrocellulose	µg/kg	N/A	N/A	110	N/A	N/A
Nitroglycerine	µg/kg	N/A	N/A	10000U	N/A	N/A
Nitroguanidine	µg/kg	N/A	N/A	130U	N/A	N/A
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-6 Subsurface Soil Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 006	FBQ 007	FBQ 008	FBQ 009	FBQ 010
Sample ID		FBQSO-006-0012-SO	FBQSO-007-0014-SO	FBQSO-008-0016-SO	FBQSO-009-0018-SO	FBQSO-010-0020-SO
Date Collected		10/20/2003	10/15/2003	10/14/2003		10/14/2003
Depth (ft)		1-3'	1-3'	1-3'	1-3'	1-3'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	420U	100U
2,4-Dinitrotoluene	µg/kg	N/A	N/A	N/A	100U	N/A
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	420U	100U
2,6-Dinitrotoluene	µg/kg	N/A	N/A	N/A	100U	N/A
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	N/A	N/A	N/A	420U	N/A
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	52J	100U	100U	420U	100U
Nitrobenzene	µg/kg	N/A	N/A	N/A	100J	N/A
Nitrocellulose	µg/kg	N/A	N/A	N/A	41	N/A
Nitroglycerine	µg/kg	N/A	N/A	N/A	10000U	N/A
Nitroguanidine	µg/kg	N/A	N/A	N/A	130U	N/A
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U



**Table H-6 Subsurface Soil Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 011	FBQ 012	FBQ 013	FBQ 014	FBQ 015
Sample ID		FBQSO-011-0022-SO	FBQSO-012-0024-SO	FBQSO-013-0026-SO	FBQSO-014-0028-SO	FBQSO-015-0030-SO
Date Collected		10/15/2003	10/20/2003	10/15/2003	10/14/2003	10/15/2003
Depth (ft)		1-3'	1-3'	1-3'	1-3'	1-3'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	N/A	N/A	N/A	N/A	N/A
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	100U	39J	44J	100U	100U
Nitrobenzene	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitrocellulose	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroglycerine	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroguanidine	µg/kg	N/A	N/A	N/A	N/A	N/A
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-6 Subsurface Soil Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 017	FBQ 019	FBQ 020	FBQ 021	FBQ 022
Sample ID		FBQSO-017-0034-SO	FBQSO-019-0038-SO	FBQSO-020-0040-SO	FBQSO-021-0042-SO	FBQSO-022-0044-SO
Date Collected		10/13/2003	10/13/2003	10/9/2003	10/9/2003	10/9/2003
Depth (ft)		1-3'	1-3'	1-3'	1-3'	1-3'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	N/A	100U	N/A	N/A	N/A
2,6-Dinitrotoluene	µg/kg	100U	400U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	N/A	100U	N/A	N/A	N/A
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	N/A	400U	N/A	N/A	N/A
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	100U	400U	100U	100U	100U
Nitrobenzene	µg/kg	N/A	81J	N/A	N/A	N/A
Nitrocellulose	µg/kg	N/A	53	N/A	N/A	N/A
Nitroglycerine	µg/kg	N/A	10000U	N/A	N/A	N/A
Nitroguanidine	µg/kg	N/A	130U	N/A	N/A	N/A
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-6 Subsurface Soil Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 023	FBQ 026	FBQ 028	FBQ 029	FBQ 030
Sample ID		FBQSO-023-0046-SO	FBQSO-026-0052-SO	FBQSO-028-0056-SO	FBQSO-029-0058-SO	FBQSO-030-0060-SO
Date Collected		10/10/2003	10/9/2003	10/7/2003	10/8/2003	10/8/2003
Depth (ft)		1-3'	1-3'	1-3'	1-3'	1-3'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	N/A	N/A	N/A	N/A	N/A
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	100U	100U	100U	100U	100U
Nitrobenzene	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitrocellulose	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroglycerine	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroguanidine	µg/kg	N/A	N/A	N/A	N/A	N/A
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-6 Subsurface Soil Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 032	FBQ 033	FBQ 036	FBQ 038	FBQ 040
Sample ID		FBQSO-032-0064-SO	FBQSO-033-0066-SO	FBQSO-036-0072-SO	FBQSO-038-0076-SO	FBQSO-040-0080-SO
Date Collected		10/8/2003	10/7/2003	10/7/2003	10/3/2003	10/6/2003
Depth (ft)		1-3'	1-3'	1-3'	1-3'	1-3'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	N/A	N/A	N/A	N/A	N/A
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	100U	100U	100U	100U	100U
Nitrobenzene	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitrocellulose	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroglycerine	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroguanidine	µg/kg	N/A	N/A	N/A	N/A	N/A
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-6 Subsurface Soil Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 048	FBQ 051	FBQ 054	FBQ 056	FBQ 057
Sample ID		FBQSO-048-0096-SO	FBQSO-051-0102-SO	FBQSO-054-0108-SO	FBQSO-056-0112-SO	FBQSO-057-0114-SO
Date Collected		10/2/2003	10/6/2003	10/2/2003	10/2/2003	10/1/2003
Depth (ft)		1-3'	1-3'	1-3'	1-3'	1-3'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	N/A	100U	N/A	N/A	N/A
2,6-Dinitrotoluene	µg/kg	100U	390U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	N/A	100U	N/A	N/A	N/A
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	N/A	390U	N/A	N/A	N/A
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	100U	390U	100U	100U	100U
Nitrobenzene	µg/kg	N/A	100U	N/A	N/A	N/A
Nitrocellulose	µg/kg	N/A	17U	N/A	N/A	N/A
Nitroglycerine	µg/kg	N/A	10000U	N/A	N/A	N/A
Nitroguanidine	µg/kg	N/A	130U	N/A	N/A	N/A
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-6 Subsurface Soil Explosives and Propellants Analytical Results Summary Table  
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Station ID		FBQ 059	FBQ 060	FBQ 061	FBQ 062	FBQ 063
Sample ID		FBQSO-059-0118-SO	FBQSO-060-0120-SO	FBQSO-061-0122-SO	FBQSO-062-0124-SO	FBQSO-063-0126-SO
Date Collected		10/6/2003	10/13/2003	11/14/2003	11/17/2003	11/16/2003
Depth (ft)		1-3'	1-3'	1-3'	1-3'	1-3'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	N/A	100U	N/A	N/A	N/A
2,6-Dinitrotoluene	µg/kg	100U	390U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	N/A	100U	N/A	N/A	N/A
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	N/A	390U	N/A	N/A	N/A
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	100U	390U	100U	100U	100U
Nitrobenzene	µg/kg	N/A	100U	N/A	N/A	N/A
Nitrocellulose	µg/kg	N/A	26	N/A	N/A	N/A
Nitroglycerine	µg/kg	N/A	10000U	N/A	N/A	N/A
Nitroguanidine	µg/kg	N/A	130U	N/A	N/A	N/A
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-6 Subsurface Soil Explosives and Propellants Analytical Results Summary Table  
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Station ID		FBQ 064	FBQ 065	FBQ 066	FBQ 067	FBQ 068
Sample ID		FBQSO-064-0128-SO	FBQSO-065-0130-SO	FBQSO-066-0132-SO	FBQSO-067-0134-SO	FBQSO-068-0136-SO
Date Collected		11/14/2003	11/17/2003	11/17/2003	11/14/2003	11/14/2003
Depth (ft)		1-3'	1-3'	1-3'	1-3'	1-3'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	390U
2,6-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	N/A	N/A	N/A	N/A	N/A
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	98J	200U
Nitrobenzene	µg/kg	100U	100U	100U	42J	390U
Nitrobenzene	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitrocellulose	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroglycerine	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroguanidine	µg/kg	N/A	N/A	N/A	N/A	N/A
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-6 Subsurface Soil Explosives and Propellants Analytical Results Summary Table  
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Station ID		FBQ 071	FBQ 073	FBQ 074	FBQ 075	FBQ 077
Sample ID		FBQSO-071-0142-SO	FBQSO-073-0146-SO	FBQSO-074-0148-SO	FBQSO-075-0150-SO	FBQSO-077-0154-SO
Date Collected		11/17/2003	11/17/2003	11/11/2003	11/13/2003	11/17/2003
Depth (ft)		1-3'	1-3'	1-3'	1-3'	1-3'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	N/A	N/A	N/A	N/A	N/A
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	100U	100U	100U	100U	70J
Nitrobenzene	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitrocellulose	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroglycerine	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroguanidine	µg/kg	N/A	N/A	N/A	N/A	N/A
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U



**Table H-6 Subsurface Soil Explosives and Propellants Analytical Results Summary Table  
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Station ID		FBQ 079	FBQ 082	FBQ 083	FBQ 085	FBQ 086
Sample ID		FBQSO-079-0158-SO	FBQSO-082-0164-SO	FBQSO-083-0166-SO	FBQSO-085-0170-SO	FBQSO-086-0172-SO
Date Collected		11/12/2003	11/11/2003	11/13/2003	11/13/2003	11/17/2003
Depth (ft)		1-3'	1-3'	1-3'	1-3'	1-3'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	420U	100U	390U	100U	400U
2,4-Dinitrotoluene	µg/kg	100U	N/A	100U	N/A	100U
2,6-Dinitrotoluene	µg/kg	420U	100U	390U	100U	400U
2,6-Dinitrotoluene	µg/kg	100U	N/A	100U	N/A	100U
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	420U	N/A	390U	N/A	400U
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	420U	52JB	390U	47J	400U
Nitrobenzene	µg/kg	35JB	N/A	100U	N/A	100U
Nitrocellulose	µg/kg	59	N/A	24	N/A	46
Nitroglycerine	µg/kg	10000U	N/A	10000U	N/A	10000U
Nitroguanidine	µg/kg	130U	N/A	130U	N/A	130U
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200	200U	200U	200U

**Table H-6 Subsurface Soil Explosives and Propellants Analytical Results Summary Table  
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Station ID		FBQ 087	FBQ 088	FBQ 094	FBQ 095	FBQ 096
Sample ID		FBQSO-087-0174-SO	FBQSO-088-0176-SO	FBQSO-094-0188-SO	FBQSO-095-0190-SO	FBQSO-096-0192-SO
Date Collected		11/11/2003	11/11/2003	11/12/2003	11/12/2003	11/12/2003
Depth (ft)		1-3'	1-3'	1-3'	1-3'	1-3'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	N/A	N/A	N/A	N/A	N/A
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	N/A	N/A	N/A	N/A	N/A
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	100U	100U	100U	100U	100U
Nitrobenzene	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitrocellulose	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroglycerine	µg/kg	N/A	N/A	N/A	N/A	N/A
Nitroguanidine	µg/kg	N/A	N/A	N/A	N/A	N/A
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-6 Subsurface Soil Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 097	FBQ 098	FBQ 100
Sample ID		FBQSO-097-0194-SO	FBQSO-098-0196-SO	FBQSO-100-0200-SO
Date Collected		11/12/2003	FBQSO-098-0196-SO	11/11/2003
Depth (ft)		1-3'	1-3'	1-3'
Sample Type		Composite	Composite	Composite
Analyte	Units			
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	N/A	N/A	N/A
2,6-Dinitrotoluene	µg/kg	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	N/A	N/A	N/A
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U
4-Nitroaniline	µg/kg	N/A	N/A	N/A
HMX	µg/kg	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U
Nitrobenzene	µg/kg	100U	52JB	100U
Nitrobenzene	µg/kg	N/A	N/A	N/A
Nitrocellulose	µg/kg	N/A	N/A	N/A
Nitroglycerine	µg/kg	N/A	N/A	N/A
Nitroguanidine	µg/kg	N/A	N/A	N/A
o-Nitrotoluene	µg/kg	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U
RDX	µg/kg	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U

**Table H-7 Sub-surface Soil Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 001	FBQ 002	FBQ 003	FBQ 004	FBQ 005
Sample ID		FBQSO-001-0002-SO	FBQSO-002-0004-SO	FBQSO-003-0006-SO	FBQSO-004-0008-SO	FBQSO-005-0010-SO
Date Collected		10/14/2003	10/14/2003	10/20/2003	10/20/2003	10/20/2003
Depth (ft)		1-3'	1-3'	1-3'	1-3'	1-3'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
Aluminum	mg/kg	10800	16700	16500	14200	15300
Antimony	mg/kg	0.46BN	0.27UN	0.35BN	0.29	0.31UN
Arsenic	mg/kg	19.7	12.6	12.3NE*	13.2	12.8NE*
Barium	mg/kg	61.1	90.1	88N	78.6	85.6N
Beryllium	mg/kg	0.68	0.78	0.92	0.82	0.87
Cadmium	mg/kg	0.01U	0.01U	0.01U	0.019	0.02U
Calcium	mg/kg	1490	1840	34500*	33300	32700*
Chromium	mg/kg	15.8	21.9	23.9*E	21	22.2*E
Chromium, Hexavalent	mg/kg	N/A	N/A	3.7	N/A	N/A
Cobalt	mg/kg	10.6	12.1	12.9*	14.1	13*
Copper	mg/kg	24.4	14.5	22.7	22.6	22.6
Iron	mg/kg	29400	32800	30300	28400	29500
Lead	mg/kg	15.4	13.2	12.4E	13.2	12.5E
Magnesium	mg/kg	2850N	3200N	9080N*	8180	8220N*
Manganese	mg/kg	402	918	369*	475	413*
Mercury	mg/kg	0.01B	0.02B	0.01U	32.6	0.01U
Nickel	mg/kg	24.1	17.5	31.7	2690	31.3
Potassium	mg/kg	1100N	1480N	3120N	1.2	2710N
Selenium	mg/kg	1.4	1.7	1.1	0.066	1.1B
Silver	mg/kg	0.05U	0.08B	0.06U	171	0.06U
Sodium	mg/kg	88	104	176	0.49	142
Thallium	mg/kg	0.44U	0.46U	0.81B	23.6	0.51U
Vanadium	mg/kg	20.9N	31.4N	27.5N	65.7	24.9N
Zinc	mg/kg	59.7	47.2	65.5E	0.016	61.9E

**Table H-7 Sub-surface Soil Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 006	FBQ 007	FBQ 008	FBQ 009	FBQ 010
Sample ID		FBQSO-006-0012-SO	FBQSO-007-0014-SO	FBQSO-008-0016-SO	FBQSO-009-0018-SO	FBQSO-010-0020-SO
Date Collected		10/20/2003	10/15/2003	10/14/2003	10/20/2003	10/14/2003
Depth (ft)		1-3'	1-3'	1-3'	1-3'	1-3'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
Aluminum	mg/kg	14200	13400	15700	14700	18400
Antimony	mg/kg	0.4BN	0.41BN	0.38BN	0.43BN	1.1N
Arsenic	mg/kg	16.5NE*	8.8	12.1	12.9NE*	12.3
Barium	mg/kg	89.9N	88.5	90.4	95.5N	151
Beryllium	mg/kg	0.81	0.66	0.81	0.84	0.87
Cadmium	mg/kg	0.01U	0.01U	0.01U	0.02U	0.01U
Calcium	mg/kg	3140*	1030	1670	9610*	841
Chromium	mg/kg	19.7*E	15.3	20.1	20.9*E	22.1
Chromium, Hexavalent	mg/kg	N/A	N/A	N/A	8	N/A
Cobalt	mg/kg	11.8*	9.5	10.4	15.7*	9.7
Copper	mg/kg	26.4	9.8	16	20.8	19.1
Iron	mg/kg	29200	18500	26300	28000	27900
Lead	mg/kg	15.1E	13.4	13.9	13.8E	14.2
Magnesium	mg/kg	3880N*	2040N	3240N	4670N*	3350N
Manganese	mg/kg	449*	805	359	451*	190
Mercury	mg/kg	0.01U	0.03B	0.02B	0.01U	0.03B
Nickel	mg/kg	27.9	16.2	22.7	29.1	18.7
Potassium	mg/kg	1720N	663N	1310N	2000N	1470N
Selenium	mg/kg	1.3	1.1B	1.5	0.79B	1.5
Silver	mg/kg	0.06U	0.06U	0.06B	0.07U	0.06U
Sodium	mg/kg	86.1	89	133	145	142
Thallium	mg/kg	0.44U	0.5U	0.41U	0.52U	0.51U
Vanadium	mg/kg	23.6N	24.3	27.2N	25.8N	33.4N
Zinc	mg/kg	66.1E	50.4	50.4	63.2E	52.6

**Table H-7 Sub-surface Soil Inorganics Analytical Results Summary Table  
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Station ID		FBQ 011	FBQ 012	FBQ 013	FBQ 014	FBQ 015
Sample ID		FBQSO-011-0022-SO	FBQSO-012-0024-SO	FBQSO-013-0026-SO	FBQSO-014-0028-SO	FBQSO-015-0030-SO
Date Collected		10/15/2003	10/20/2003	10/15/2003	10/14/2003	10/15/2003
Depth (ft)		1-3'	1-3'	1-3'	1-3'	1-3'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
Aluminum	mg/kg	12000	12600	19900	17100	9780
Antimony	mg/kg	0.58BN	0.32UN	0.51BN	0.4BN	0.53BN
Arsenic	mg/kg	11.6	9.1NE*	7.3	14.9	17.1
Barium	mg/kg	64	83.5N	122	124	79.2
Beryllium	mg/kg	0.63	0.66	0.98	1.1	0.6
Cadmium	mg/kg	0.01U	0.02U	0.01U	0.01U	0.01U
Calcium	mg/kg	665	143*	34500	1440	881
Chromium	mg/kg	14.3	14.8*E	27	22.9	14.3
Chromium, Hexavalent	mg/kg	N/A	N/A	N/A	N/A	N/A
Cobalt	mg/kg	8.4	10.4*	9.1	22.5	10
Copper	mg/kg	14.4	9.6	18.8	22.4	20.2
Iron	mg/kg	20300	17700	28000	32100	25300
Lead	mg/kg	13	16.4	10.2	16.7	14.3
Magnesium	mg/kg	2000N	1980N	7880N	4360N	2350N
Manganese	mg/kg	495	1070	214	416	536
Mercury	mg/kg	0.02B	0.03B	0.01U	0.01B	0.02B
Nickel	mg/kg	16.5	14.8	28.1	34.4	21.1
Potassium	mg/kg	857N	793N	2620N	1620N	951N
Selenium	mg/kg	0.95B	0.67U	1B	1.5	1.2
Silver	mg/kg	0.06U	0.19B	0.06U	0.06U	0.06U
Sodium	mg/kg	91	85	144	96.6	87.1
Thallium	mg/kg	0.45U	1.1U	0.46U	0.49U	0.5U
Vanadium	mg/kg	21	22.1N	28N	28.5N	17.1
Zinc	mg/kg	52.4	51.4E	62.4	63.5	62.2

**Table H-7 Sub-surface Soil Inorganics Analytical Results Summary Table  
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Station ID		FBQ 017	FBQ 019	FBQ 020	FBQ 021	FBQ 022
Sample ID		FBQSO-017-0034-SO	FBQSO-019-0038-SO	FBQSO-020-0040-SO	FBQSO-021-0042-SO	FBQSO-022-0044-SO
Date Collected		10/13/2003	10/13/2003	10/9/2003	10/9/2003	10/9/2003
Depth (ft)		1-3'	1-3'	1-3'	1-3'	1-3'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
Aluminum	mg/kg	13000	20000	18200	20900	16200
Antimony	mg/kg	0.73BN	0.59BN	0.27UN	0.71BN	0.57BN
Arsenic	mg/kg	20.3	24.3	15.1	11.8	13.8
Barium	mg/kg	53.1N	115N	82.4N	98.4N	63.1N
Beryllium	mg/kg	0.65	1.1	0.93	1.2	0.83
Cadmium	mg/kg	0.01U	0.02U	0.15	0.02U	0.01U
Calcium	mg/kg	371	4370	1220	1600	766
Chromium	mg/kg	17.5	27.2	23.4	30.8	21
Chromium, Hexavalent	mg/kg	N/A	2.9U	N/A	N/A	N/A
Cobalt	mg/kg	9.9	18	13.5	15.6	15.7
Copper	mg/kg	20.2	26.6	25.3	26.1	23.3
Iron	mg/kg	29900	40800	33400	33900	29100
Lead	mg/kg	19.6	20.6	16.2	13.6	16.5
Magnesium	mg/kg	2580	5110	4090N	5110	3420
Manganese	mg/kg	338	465	386	383	334
Mercury	mg/kg	0.01U	0.02B	0.01B	0.02B	0.03B
Nickel	mg/kg	19.7	34.6	28.7	33.3	23.1
Potassium	mg/kg	1170N	1910N	1850N	2220N	1550N
Selenium	mg/kg	2.2	3.1	0.53B	2.4	2.1
Silver	mg/kg	0.07B	0.09B	0.06U	0.07U	0.06U
Sodium	mg/kg	128	172	111E	169	138
Thallium	mg/kg	0.48UN	0.52UN	0.45U	0.54UN	0.5UN
Vanadium	mg/kg	23.2N	35.4N	29.9N	40.3N	27.2N
Zinc	mg/kg	65.4	68.9	68.8	70.7	65

**Table H-7 Sub-surface Soil Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 023	FBQ 026	FBQ 028	FBQ 029	FBQ 030
Sample ID		FBQSO-023-0046-SO	FBQSO-026-0052-SO	FBQSO-028-0056-SO	FBQSO-029-0058-SO	FBQSO-030-0060-SO
Date Collected		10/10/2003	10/9/2003	10/7/2003	10/8/2003	10/8/2003
Depth (ft)		1-3'	1-3'	1-3'	1-3'	1-3'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
Aluminum	mg/kg	13100	14300	20700	11400	6610
Antimony	mg/kg	0.27UN	0.27UN	0.74BN	0.57BN	0.7BN
Arsenic	mg/kg	18.3	24.6	14N	12.8N	9N
Barium	mg/kg	75.9	51.2N	112	61.8	36.9
Beryllium	mg/kg	0.75	0.62	1.1	0.6	0.86
Cadmium	mg/kg	0.06B	0.09	0.17	0.02B	0.03B
Calcium	mg/kg	619	321	12700	385	128
Chromium	mg/kg	18E	18.6	27.2	16.7	13.6
Chromium, Hexavalent	mg/kg	N/A	N/A	N/A	N/A	N/A
Cobalt	mg/kg	11.5	19.8	19.4	10.9	12.7
Copper	mg/kg	23.6	21	26.5E	11E	16.9E
Iron	mg/kg	29700	30200	33000	23600	28000
Lead	mg/kg	17.5	22.1	15.3	12.8	17
Magnesium	mg/kg	3000N	2420N	6610N	2630N	1820N
Manganese	mg/kg	338	594	451	462	659
Mercury	mg/kg	0.01U	0.02B	0.01B	0.02B	0.02B
Nickel	mg/kg	25.2E	17.7	37.4	16.9	17.9
Potassium	mg/kg	1140N	1290N	2490N	1110N	884N
Selenium	mg/kg	0.32B	0.58B	0.96B	1	1.1
Silver	mg/kg	0.06U	0.09B	0.06U	0.05U	0.05U
Sodium	mg/kg	96.8	94.7E	127	94.3	75.4
Thallium	mg/kg	0.45U	0.45U	0.48U	0.43U	0.43U
Vanadium	mg/kg	21.6N	24.8N	31.4	22.8	14.8
Zinc	mg/kg	67.4	70.8	72.8	40.2	87



**Table H-7 Sub-surface Soil Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 032	FBQ 033	FBQ 036	FBQ 038	FBQ 040
Sample ID		FBQSO-032-0064-SO	FBQSO-033-0066-SO	FBQSO-036-0072-SO	FBQSO-038-0076-SO	FBQSO-040-0080-SO
Date Collected		10/8/2003	10/7/2003	10/7/2003	10/3/2003	10/6/2003
Depth (ft)		1-3'	1-3'	1-3'	1-3'	1-3'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
Aluminum	mg/kg	14400	8280	17000	556	19900
Antimony	mg/kg	0.79BN	0.28UN	0.34BN	0.33BN	0.29UN
Arsenic	mg/kg	24.2N	9.9	16.9	0.71BN	16.4
Barium	mg/kg	49.8	35.7N	80N	11	107N
Beryllium	mg/kg	0.62	0.86	0.92	0.2	1.1
Cadmium	mg/kg	0.02U	0.01U	0.01U	0.03B	0.15
Calcium	mg/kg	240	155	625	90.6	1040
Chromium	mg/kg	19.4	15.8	23	3	28
Chromium, Hexavalent	mg/kg	N/A	N/A	N/A	N/A	N/A
Cobalt	mg/kg	8.1	13.3	11.6	0.97	15.2
Copper	mg/kg	19.7E	23.1	25.4	0.85E	27.2
Iron	mg/kg	27200	35800	33200	13500	35700
Lead	mg/kg	14.5	17	17	2.2	15.3
Magnesium	mg/kg	2870N	2000	3810	95.6N	4470N
Manganese	mg/kg	257	732	323	316	384
Mercury	mg/kg	0.02B	0.02B	0.01U	0.01U	0.03B
Nickel	mg/kg	20.5	20.5	27.6	2.3	32.8
Potassium	mg/kg	1180N	986N	1690N	118N	2140N
Selenium	mg/kg	0.87B	2.9	2.5	0.53B	0.31U
Silver	mg/kg	0.06U	0.07B	0.06U	0.07B	0.06U
Sodium	mg/kg	90.5	104	122	20.9B	122E
Thallium	mg/kg	0.57B	0.47UN	0.48UN	0.38U	0.49U
Vanadium	mg/kg	23.2	17.5N	28.7N	2.7	34.3N
Zinc	mg/kg	60.2	82.4	67.2	17.8	73

**Table H-7 Sub-surface Soil Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 048	FBQ 051	FBQ 054	FBQ 056	FBQ 057
Sample ID		FBQSO-048-0096-SO	FBQSO-051-0102-SO	FBQSO-054-0108-SO	FBQSO-056-0112-SO	FBQSO-057-0114-SO
Date Collected		10/2/2003	10/6/2003	10/2/2003	10/2/2003	10/1/2003
Depth (ft)		1-3'	1-3'	1-3'	1-3'	1-3'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
Aluminum	mg/kg	15500	12800	14100	9650	6510
Antimony	mg/kg	0.66BN	0.37BN	0.42BN	0.7BN	0.35BN
Arsenic	mg/kg	12.5	21	19.4	17.8	14.8
Barium	mg/kg	81.9N	52.9N	47.4N	39.3N	31.3N
Beryllium	mg/kg	0.78	0.63	0.65	0.54	0.47
Cadmium	mg/kg	0.2	0.08	0.14	0.14	0.11
Calcium	mg/kg	1820	474	341	175	288
Chromium	mg/kg	19.8E	18.4E	18.6E	14.4E	10.7E
Chromium, Hexavalent	mg/kg	N/A	2.8U	N/A	N/A	N/A
Cobalt	mg/kg	10.3	7.5	9	8.1	7.5
Copper	mg/kg	17.1	21.6	21.9	15.3	16.9
Iron	mg/kg	25100	29300	28400	22800	20700
Lead	mg/kg	19.6	15.2	14.1	15.2	12.8
Magnesium	mg/kg	2950N	2710N	2670N	1950N	1540N
Manganese	mg/kg	459	295	283	308	335
Mercury	mg/kg	0.02B	0.02B	0.01U	0.01B	0.03B
Nickel	mg/kg	19.9	18.3	18	15.5	17.2
Potassium	mg/kg	1240N	1100N	1180N	884N	741N
Selenium	mg/kg	1.4	1.5	1.4	1.2	0.99B
Silver	mg/kg	0.06U	0.06U	0.06U	0.06U	0.05U
Sodium	mg/kg	102	92.1	109	81.1	67.5
Thallium	mg/kg	0.47U	0.5U	0.47U	0.47U	0.44U
Vanadium	mg/kg	28.2N	21.7N	23.8N	18.1N	12.3N
Zinc	mg/kg	64.8	54.1	55.1	58	63

**Table H-7 Sub-surface Soil Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 059	FBQ 060	FBQ 061	FBQ 062	FBQ 063
Sample ID		FBQSO-059-0118-SO	FBQSO-060-0120-SO	FBQSO-061-0122-SO	FBQSO-062-0124-SO	FBQSO-063-0126-SO
Date Collected		10/6/2003	10/13/2003	11/14/2003	11/17/2003	11/16/2003
Depth (ft)		1-3'	1-3'	1-3'	1-3'	1-3'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
Aluminum	mg/kg	12100	12300	15200	17100	19600
Antimony	mg/kg	1.9N	0.27UN	0.37BN	0.52BN	0.37BN
Arsenic	mg/kg	11.1	13.6	17.8	17.5N	17.4
Barium	mg/kg	79N	44.5N	94.3N	116	116N
Beryllium	mg/kg	0.73	0.55	0.93E	1.1	1.2E
Cadmium	mg/kg	0.72	0.01U	0.02U*	0.06B	0.02U*
Calcium	mg/kg	3280	300	1570	1480	1370
Chromium	mg/kg	19.6E	15.5	23.1N	24.2	27.7N
Chromium, Hexavalent	mg/kg	N/A	2.9U	N/A	N/A	N/A
Cobalt	mg/kg	10	11.6	23.8	14	20.7
Copper	mg/kg	28.2	14.2	24.3	25.7	25.8
Iron	mg/kg	23100	23200	32900	31400	36900
Lead	mg/kg	116	13.6	14.9	15.2	15.9
Magnesium	mg/kg	2430N	1830	4190N	4660N	4470N
Manganese	mg/kg	781	392	472	384	418
Mercury	mg/kg	0.76	0.01U	0.02B	0.01U	0.01B
Nickel	mg/kg	15.2	13.3	33.1	37.3	35.1
Potassium	mg/kg	1060N	841N	1890N	2350N	2200N
Selenium	mg/kg	1.3	2	0.26U	0.31U	0.38B
Silver	mg/kg	0.17B	0.06B	0.04U	0.06U	0.04U
Sodium	mg/kg	119	109	104	90.8	91.1
Thallium	mg/kg	0.49U	0.45UN	0.66B	2.8	0.54B
Vanadium	mg/kg	23.4N	24.7N	26.6	28.9	34
Zinc	mg/kg	156	46.1	69.9	72.3	76.1

**Table H-7 Sub-surface Soil Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 064	FBQ 065	FBQ 066	FBQ 067	FBQ 068
Sample ID		FBQSO-064-0128-SO	FBQSO-065-0130-SO	FBQSO-066-0132-SO	FBQSO-067-0134-SO	FBQSO-068-0136-SO
Date Collected		11/14/2003	11/17/2003	11/17/2003	11/14/2003	11/14/2003
Depth (ft)		1-3'	1-3'	1-3'	1-3'	1-3'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
Aluminum	mg/kg	14100	7580	12600	10800	13400
Antimony	mg/kg	0.41BN	0.25UN	0.26UN	0.45BN	0.45BN
Arsenic	mg/kg	13.1	9.6N	19.4N	21	13.5
Barium	mg/kg	62.1N	30.5	47	45.4N	52.2N
Beryllium	mg/kg	0.6E	0.32	0.64	0.57E	0.53E
Cadmium	mg/kg	0.02U*	0.01B	0.02B	0.02U*	0.02U*
Calcium	mg/kg	342	144	491	227	400
Chromium	mg/kg	19.3N	10.5	17.6	16.5N	18.1N
Chromium, Hexavalent	mg/kg	N/A	N/A	N/A	N/A	N/A
Cobalt	mg/kg	10.3	4.7	8.6	8.3	6.5
Copper	mg/kg	17.7	9.4	22.7	22.1	16.4
Iron	mg/kg	25200	13300	27000	26800	25500
Lead	mg/kg	16.4	8.7	13.2	14.2	12.3
Magnesium	mg/kg	2660N	1430N	3030N	2410N	2350N
Manganese	mg/kg	406	152	256	275	200
Mercury	mg/kg	0.02B	0.01B	0.01B	0.01U	0.01B
Nickel	mg/kg	20.1	10.2	21.4	20.4	16
Potassium	mg/kg	1280N	769N	1200N	1170N	1060N
Selenium	mg/kg	0.49B	0.27U	0.28U	0.4B	0.59B
Silver	mg/kg	0.04U	0.05U	0.05U	0.04U	0.04U
Sodium	mg/kg	75.2	53.2	60.4	288	71.4
Thallium	mg/kg	0.4U	0.9B	1.9	0.36U	0.38U
Vanadium	mg/kg	26.8	13.1	20.4	19.3	26.3
Zinc	mg/kg	55.6	29.2	57.4	61.8	44.1

**Table H-7 Sub-surface Soil Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 071	FBQ 073	FBQ 074	FBQ 075	FBQ 077
Sample ID		FBQSO-071-0142-SO	FBQSO-073-0146-SO	FBQSO-074-0148-SO	FBQSO-075-0150-SO	FBQSO-077-0154-SO
Date Collected		11/17/2003	11/17/2003	11/11/2003	11/13/2003	11/17/2003
Depth (ft)		1-3'	1-3'	1-3'	1-3'	1-3'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
Aluminum	mg/kg	10500	15300	10100	9710	14600
Antimony	mg/kg	0.27UN	0.29UN	0.43BN	0.24BN	0.28UN
Arsenic	mg/kg	19N	18.4N	18.7	8.1	30.3N
Barium	mg/kg	38.3	79.2	44.2N	103N	68.7
Beryllium	mg/kg	0.65	1	0.66	0.56E	0.88
Cadmium	mg/kg	0.02B	0.04B	0.01U	0.22*	0.05B
Calcium	mg/kg	349	889	254	290	905
Chromium	mg/kg	15.2	20.3	15.1N	16.2N	19.6
Chromium, Hexavalent	mg/kg	N/A	N/A	N/A	N/A	N/A
Cobalt	mg/kg	10.3	20.8	9.9	7.7	15.3
Copper	mg/kg	21.5	24.5	22	36.5	22
Iron	mg/kg	24300	28400	26000	15700	27500
Lead	mg/kg	13.9	14	14.4	11.7	36.1
Magnesium	mg/kg	2320N	3640N	2440N	1470N	3350N
Manganese	mg/kg	260	328	280	840	272
Mercury	mg/kg	0.01U	0.01B	0.01U	0.01B	0.02B
Nickel	mg/kg	21.2	26.9	20.6	14.3	25.4
Potassium	mg/kg	1110N	1660N	1110N	769N	1630N
Selenium	mg/kg	0.28U	0.3U	0.3U	0.34B	0.3U
Silver	mg/kg	0.06U	0.06U	0.06U	0.03U	0.06U
Sodium	mg/kg	59.9	75.1	76.7	56.9	68.7
Thallium	mg/kg	2.2	2.7	0.47U	0.31U	2.4
Vanadium	mg/kg	17.7	24.5	17.4N	16.5	23.3
Zinc	mg/kg	62.2	67.2	62.2	49.4	60.8

**Table H-7 Sub-surface Soil Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 079	FBQ 082	FBQ 083	FBQ 085	FBQ 086
Sample ID		FBQSO-079-0158-SO	FBQSO-082-0164-SO	FBQSO-083-0166-SO	FBQSO-085-0170-SO	FBQSO-086-0172-SO
Date Collected		11/12/2003	11/11/2003	11/13/2003	11/13/2003	11/17/2003
Depth (ft)		1-3'	1-3'	1-3'	1-3'	1-3'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
Aluminum	mg/kg	11100	10000	12600	12300	14800
Antimony	mg/kg	0.36B	0.3BN	0.22B	0.18UN	0.28UN
Arsenic	mg/kg	23.1	20.7	19.2	19.7	20.1N
Barium	mg/kg	50.1N	49.7	45.8N	52.3N	59.3
Beryllium	mg/kg	0.6	0.62	0.55	0.69E	0.76
Cadmium	mg/kg	0.02U	0.01U	0.02U	0.02U*	0.02B
Calcium	mg/kg	418	1240	283	459	389
Chromium	mg/kg	17.2	14.8	18.3	18.5N	20
Chromium, Hexavalent	mg/kg	6.3U	N/A	2.7U	N/A	2.9U
Cobalt	mg/kg	9.8	9.5	7.8	11.4	10
Copper	mg/kg	23.1N	19.4	22.1N	23.4	24.2
Iron	mg/kg	28800	25000	30400	29600	29300
Lead	mg/kg	17.7N	13.8	13N	14.4	14.1
Magnesium	mg/kg	2510	2590N	2380	3000N	3260N
Manganese	mg/kg	313	373	200	285	240
Mercury	mg/kg	0.01B	0.01U	0.01U	0.01B	0.01U
Nickel	mg/kg	22	23.6	19.1	23.3	23.6
Potassium	mg/kg	1260N	1290N	1170N	1320N	1440N
Selenium	mg/kg	0.38B	0.32B	0.68B	0.22B	0.3U
Silver	mg/kg	0.03U	0.05U	0.04U	0.03U	0.06U
Sodium	mg/kg	47.9	68.4	53.1	71	65.9
Thallium	mg/kg	0.78B	0.43U	0.72B	0.4B	2.7
Vanadium	mg/kg	19.7	17.6	22.3	21.3	24.2
Zinc	mg/kg	66.8N	67.6	57.2N	64.6	77.4

**Table H-7 Sub-surface Soil Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 087	FBQ 088	FBQ 094	FBQ 095	FBQ 096
Sample ID		FBQSO-087-0174-SO	FBQSO-088-0176-SO	FBQSO-094-0188-SO	FBQSO-095-0190-SO	FBQSO-096-0192-SO
Date Collected		11/11/2003	11/11/2003	11/12/2003	11/12/2003	11/12/2003
Depth (ft)		1-3'	1-3'	1-3'	1-3'	1-3'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
Aluminum	mg/kg	11800	11300	13900	14000	16200
Antimony	mg/kg	0.27UN	0.24UN	0.35BN	0.32BN	0.3UN
Arsenic	mg/kg	20.6	17.5	14.5	20.6	13.2
Barium	mg/kg	60.3	60.2N	51.4N	67.4N	85.7N
Beryllium	mg/kg	0.75	0.66	0.6	0.91	0.66
Cadmium	mg/kg	0.02B	0.07	0.08	0.02B	0.03B
Calcium	mg/kg	313	506	241	816	739
Chromium	mg/kg	16.7	15.6N	17.7N	18.6N	20.7N
Chromium, Hexavalent	mg/kg	N/A	N/A	N/A	N/A	N/A
Cobalt	mg/kg	11.4	9.9	8	12.3	8.4
Copper	mg/kg	23.3	23.1	17.2	23	19.4
Iron	mg/kg	28100	26400	28900	30400	29600
Lead	mg/kg	15.1	14.3	14.7	14.1	13.1
Magnesium	mg/kg	2840N	2510N	2370N	3230N	3160N
Manganese	mg/kg	352	328	369	302	331
Mercury	mg/kg	0.01U	0.01U	0.02B	0.01U	0.01B
Nickel	mg/kg	26.3	22	16.1	26.7	20.6
Potassium	mg/kg	1150N	1110N	1150N	1320N	1470N
Selenium	mg/kg	0.31B	0.29B	0.69B	0.34B	0.49B
Silver	mg/kg	0.06U	0.05U	0.07B	0.06U	0.07B
Sodium	mg/kg	62.5	72.1	100	88.3	117
Thallium	mg/kg	0.45U	0.39U	0.47U	0.49U	0.51U
Vanadium	mg/kg	19.6	20.3N	25N	22.8N	28N
Zinc	mg/kg	68	64	51.2	69	52.7

**Table H-7 Sub-surface Soil Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 097	FBQ 098	FBQ 100
Sample ID		FBQSO-097-0194-SO	FBQSO-098-0196-SO	FBQSO-100-0200-SO
Date Collected		11/12/2003	11/12/2003	11/11/2003
Depth (ft)		1-3'	1-3'	1-3'
Sample Type		Composite	Composite	Composite
Analyte	Units			
Aluminum	mg/kg	11800	11300	6850
Antimony	mg/kg	0.26UN	0.34B	0.23UN
Arsenic	mg/kg	12.5	15.9	13
Barium	mg/kg	44.4N	52.9N	31.8
Beryllium	mg/kg	0.51	0.56	0.51
Cadmium	mg/kg	0.01B	0.02U	0.05B
Calcium	mg/kg	293	322	490
Chromium	mg/kg	14.7N	15.9	12.9
Chromium, Hexavalent	mg/kg	N/A	N/A	N/A
Cobalt	mg/kg	7.6	8.6	7.2
Copper	mg/kg	14.6	20.9N	16.6
Iron	mg/kg	22600	25800	20700
Lead	mg/kg	10.2	15.1N	12.8
Magnesium	mg/kg	2000N	2280	1470N
Manganese	mg/kg	307	281	347
Mercury	mg/kg	0.01U	0.01B	0.02B
Nickel	mg/kg	15	20.2	16
Potassium	mg/kg	1050N	1120N	956N
Selenium	mg/kg	0.61B	0.38B	0.25U
Silver	mg/kg	0.07B	0.04U	0.05U
Sodium	mg/kg	90.5	50.5	46.3
Thallium	mg/kg	0.44U	0.57B	0.39U
Vanadium	mg/kg	23.6N	21	13.2
Zinc	mg/kg	45.6	60.1N	59.8



**Table H-8 Subsurface Soil Pesticides and PCBs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 003	FBQ 009	FBQ 019	FBQ 051	FBQ 060
Sample ID		FBQSO-003-0006-SO	FBQSO-009-0018-SO	FBQSO-019-0038-SO	FBQSO-051-0102-SO	FBQSO-060-0120-SO
Date Collected		10/20/2003	10/20/2003	10/13/2003	10/6/2003	10/13/2003
Depth (ft)		1-3'	1-3'	1-3'	1-3'	1-3'
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
4,4-DDD	µg/kg	2U	2.1U	2U	1.9U	2U
4,4-DDE	µg/kg	2U	2.1U	2U	1.9U	2U
4,4-DDT	µg/kg	2U	2.1U	2U	1.9U	2U
Aldrin	µg/kg	2U	2.1U	2U	1.9U	2U
Alpha-BHC	µg/kg	2U	2.1U	2U	1.9U	2U
Alpha-Chlordane	µg/kg	2U	2.1U	2U	1.9U	2U
Beta-BHC	µg/kg	2U	2.1U	2U	1.9U	2U
Chlordane	µg/kg	39U	42U	40U	39U	39U
Delta-BHC	µg/kg	2U	2.1U	2U	1.9U	2U
Dieldrin	µg/kg	2U	2.1U	2U	1.9U	2U
Endosulfan I	µg/kg	2U	2.1U	2U	1.9U	2U
Endosulfan II	µg/kg	2U	2.1U	2U	1.9U	2U
Endosulfan Sulfate	µg/kg	2U	2.1U	2U	1.9U	2U
Endrin	µg/kg	2U	2.1U	2U	1.9U	2U
Endrin Aldehyde	µg/kg	2U	2.1U	2U	1.9U	2U
Endrin Ketone	µg/kg	2U	2.1U	2U	1.9U	2U
Gamma-BHC (Lindane)	µg/kg	2U	2.1U	2U	1.9U	2U
Gamma-Chlordane	µg/kg	2U	2.1U	2U	1.9U	2U
Heptachlor	µg/kg	2U	2.1U	2U	1.9U	2U
Heptachlor Epoxide	µg/kg	2U	2.1U	2U	1.9U	2U
Methoxychlor	µg/kg	2U	2.1U	2U	1.9U	2U
PCB-1016	µg/kg	39U	42U	40U	39U	39U
PCB-1221	µg/kg	39U	42U	40U	39U	39U
PCB-1242	µg/kg	39U	42U	40U	39U	39U
PCB-1248	µg/kg	39U	42U	40U	39U	39U
PCB-1254	µg/kg	39U	42U	40U	39U	39U
PCB-1260	µg/kg	39U	42U	40U	39U	39U
Toxaphene	µg/kg	39U	42U	40U	39U	39U

**Table H-8 Subsurface Soil Pesticides and PCBs Analytical Results Summary Table  
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Station ID		FBQ 079	FBQ 083	FBQ 086
Sample ID		FBQSO-079-0158-SO	FBQSO-083-0166-SO	FBQSO-086-0172-SO
Date Collected		11/12/2003	11/13/2003	11/17/2003
Depth (ft)		1-3'	1-3'	1-3'
Sample Type		Composite	Composite	Composite
Analyte	Units			
4,4-DDD	µg/kg	2.1U	1.9U	2U
4,4-DDE	µg/kg	2.1U	1.9U	2U
4,4-DDT	µg/kg	2.1U	1.9U	2U
Aldrin	µg/kg	2.1U	1.9U	2U
Alpha-BHC	µg/kg	2.1U	1.9U	2U
Alpha-Chlordane	µg/kg	2.1U	1.9U	2U
Beta-BHC	µg/kg	2.1U	1.9U	2U
Chlordane	µg/kg	42U	39U	40U
Delta-BHC	µg/kg	2.1U	1.9U	2U
Dieldrin	µg/kg	2.1U	1.9U	2U
Endosulfan I	µg/kg	2.1U	1.9U	2U
Endosulfan II	µg/kg	2.1U	1.9U	2U
Endosulfan Sulfate	µg/kg	2.1U	1.9U	2U
Endrin	µg/kg	2.1U	1.9U	2U
Endrin Aldehyde	µg/kg	2.1U	1.9U	2U
Endrin Ketone	µg/kg	2.1U	1.9U	2U
Gamma-BHC (Lindane)	µg/kg	2.1U	1.9U	2U
Gamma-Chlordane	µg/kg	2.1U	1.9U	2U
Heptachlor	µg/kg	2.1U	1.9U	2U
Heptachlor Epoxide	µg/kg	2.1U	1.9U	2U
Methoxychlor	µg/kg	2.1U	1.9U	2U
PCB-1016	µg/kg	42U	39U	40U
PCB-1221	µg/kg	42U	39U	40U
PCB-1242	µg/kg	42U	39U	40U
PCB-1248	µg/kg	42U	39U	40U
PCB-1254	µg/kg	42U	39U	40U
PCB-1260	µg/kg	42U	39U	40U
Toxaphene	µg/kg	42U	39U	40U

**Table H-9 Subsurface Soil SVOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 003	FBQ 009	FBQ 019	FBQ 051	FBQ 060
Sample ID		FBQSO-003-0006-SO	FBQSO-009-0018-SO	FBQSO-019-0038-SO	FBQSO-051-0102-SO	FBQSO-060-0120-SO
Date Collected		10/20/2003	10/20/2003	10/13/2003	10/6/2003	10/13/2003
Depth (ft)		1-3'	1-3'	1-3'	1-3'	1-3'
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,1- Biphenyl	µg/kg	390U	420U	400U	390U	390U
2,2-Oxybis(1-Chloroprop	µg/kg	390U	420U	400U	390U	390U
2,4,5-Trichlorophenol	µg/kg	390U	420U	400U	390U	390U
2,4,6-Trichlorophenol	µg/kg	390U	420U	400U	390U	390U
2,4-Dichlorophenol	µg/kg	390U	420U	400U	390U	390U
2,4-Dimethylphenol	µg/kg	390U	420U	400U	390U	390U
2,4-Dinitrophenol	µg/kg	780U	830U	800U	780U	790U
2,4-Dinitrotoluene	µg/kg	390U	420U	400U	390U	390U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	390U	420U	400U	390U	390U
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2-Chloronaphthalene	µg/kg	390U	420U	400U	390U	390U
2-Chlorophenol	µg/kg	390U	420U	400U	390U	390U
2-Methylnaphthalene	µg/kg	390U	420U	400U	390U	390U
2-methylphenol	µg/kg	390U	420U	400U	390U	390U
2-Nitroaniline	µg/kg	390U	420U	400U	390U	390U
2-Nitrophenol	µg/kg	390U	420U	400U	390U	390U
3,3-Dichlorobenzidine	µg/kg	780U	830U	800U	780U	790U
3-Nitroaniline	µg/kg	390U	420U	400U	390U	390U
4,6-dinitro-2-methyl phen	µg/kg	780U	830U	800U	780U	790U
4-Bromophenyl-phenylet	µg/kg	390U	420U	400U	390U	390U
4-chloro-3-methylphenol	µg/kg	390U	420U	400U	390U	390U
4-Chloroaniline	µg/kg	390U	420U	400U	390U	390U
4-Chlorophenyl Phenyl E	µg/kg	390U	420U	400U	390U	390U
4-methylphenol	µg/kg	390U	420U	400U	390U	390U

**Table H-9 Subsurface Soil SVOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 003	FBQ 009	FBQ 019	FBQ 051	FBQ 060
Sample ID		FBQSO-003-0006-SO	FBQSO-009-0018-SO	FBQSO-019-0038-SO	FBQSO-051-0102-SO	FBQSO-060-0120-SO
Date Collected		10/20/2003	10/20/2003	10/13/2003	10/6/2003	10/13/2003
Depth (ft)		1-3'	1-3'	1-3'	1-3'	1-3'
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
4-Nitroaniline	µg/kg	390U	420U	400U	390U	390U
4-Nitrophenol	µg/kg	780U	830U	800U	780U	790U
Acenaphthene	µg/kg	390U	420U	400U	390U	390U
Acenaphthylene	µg/kg	390U	420U	400U	390U	390U
Acetophenone	µg/kg	390U	420U	400U	390U	390U
Anthracene	µg/kg	390U	420U	400U	390U	390U
Atrazine	µg/kg	390U	420U	400U	390U	390U
Benzaldehyde	µg/kg	390U	420U	400U	390U	390U
Benzo(a)anthracene	µg/kg	390U	420U	400U	390U	390U
Benzo(a)pyrene	µg/kg	390U	420U	400U	390U	390U
Benzo(b)fluoranthene	µg/kg	390U	420U	400U	390U	390U
Benzo(g,h,i)perylene	µg/kg	390U	420U	400U	390U	390U
Benzo(k)fluoranthene	µg/kg	390U	420U	400U	390U	390U
Benzyl Butyl Phthalate	µg/kg	390U	420U	400U	390U	390U
bis(2-chloroethoxy) meth	µg/kg	390U	420U	400U	390U	390U
bis(2-chloroethyl) ether	µg/kg	390U	420U	400U	390U	390U
bis(2-ethylhexyl) phthala	µg/kg	390U	420U	400U	390U	390U
Caprolactam	µg/kg	390U	420U	400U	390U	390U
Carbazole	µg/kg	390U	420U	400U	390U	390U
Chrysene	µg/kg	390U	420U	400U	390U	390U
Dibenz(a,h)Anthracene	µg/kg	390U	420U	400U	390U	390U
Dibenzofuran	µg/kg	390U	420U	400U	390U	390U
Diethyl Phthalate	µg/kg	390U	420U	400U	390U	390U
Dimethyl Phthalate	µg/kg	390U	420U	400U	390U	390U
di-n-Butyl Phthalate	µg/kg	390U	420U	400U	390U	390U

**Table H-9 Subsurface Soil SVOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 003	FBQ 009	FBQ 019	FBQ 051	FBQ 060
Sample ID		FBQSO-003-0006-SO	FBQSO-009-0018-SO	FBQSO-019-0038-SO	FBQSO-051-0102-SO	FBQSO-060-0120-SO
Date Collected		10/20/2003	10/20/2003	10/13/2003	10/6/2003	10/13/2003
Depth (ft)		1-3'	1-3'	1-3'	1-3'	1-3'
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
di-n-Octyl Phthalate	µg/kg	390U	420U	400U	390U	390U
Fluoranthene	µg/kg	390U	420U	400U	390U	390U
Fluorene	µg/kg	390U	420U	400U	390U	390U
Hexachlorobenzene	µg/kg	390U	420U	400U	390U	390U
Hexachlorobutadiene	µg/kg	390U	420U	400U	390U	390U
Hexachlorocyclopentadiene	µg/kg	390U	420U	400U	390U	390U
Hexachloroethane	µg/kg	390U	420U	400U	390U	390U
Indeno(1,2,3-c,d)Pyrene	µg/kg	390U	420U	400U	390U	390U
Isophorone	µg/kg	390U	420U	400U	390U	390U
Naphthalene	µg/kg	390U	420U	400U	390U	390U
Nitrobenzene	µg/kg	390U	420U	400U	390U	390U
Nitrobenzene	µg/kg	100	100J	81J	100U	100U
n-Nitrosodi-n-Propylamine	µg/kg	390U	420U	400U	390U	390U
n-Nitrosodiphenylamine	µg/kg	390U	420U	400U	390U	390U
Pentachlorophenol	µg/kg	780U	830U	800U	780U	790U
Phenanthrene	µg/kg	390U	420U	400U	390U	390U
Phenol	µg/kg	390U	420U	400U	390U	390U
Pyrene	µg/kg	390U	420U	400U	390U	390U

**Table H-9 Subsurface Soil SVOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 079	FBQ 083	FBQ 086
Sample ID		FBQSO-079-0158-SO	FBQSO-083-0166-SO	FBQSO-086-0172-SO
Date Collected		11/12/2003	11/13/2003	11/17/2003
Depth (ft)		1-3'	1-3'	1-3'
Sample Type		Grab	Grab	Grab
Analyte	Units			
1,1- Biphenyl	µg/kg	420U	390U	400U
2,2-Oxybis(1-Chloroprop	µg/kg	420U	390U	400U
2,4,5-Trichlorophenol	µg/kg	420U	390U	400U
2,4,6-Trichlorophenol	µg/kg	420U	390U	400U
2,4-Dichlorophenol	µg/kg	420U	390U	400U
2,4-Dimethylphenol	µg/kg	420U	390U	400U
2,4-Dinitrophenol	µg/kg	850U	780U	800U
2,4-Dinitrotoluene	µg/kg	420U	390U	400U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	420U	390U	400U
2,6-Dinitrotoluene	µg/kg	100U	100U	100U
2-Chloronaphthalene	µg/kg	420U	390U	400U
2-Chlorophenol	µg/kg	420U	390U	400U
2-Methylnaphthalene	µg/kg	420U	390U	400U
2-methylphenol	µg/kg	420U	390U	400U
2-Nitroaniline	µg/kg	420U	390U	400U
2-Nitrophenol	µg/kg	420U	390U	400U
3,3-Dichlorobenzidine	µg/kg	850U	780U	800U
3-Nitroaniline	µg/kg	420U	390U	400U
4,6-dinitro-2-methyl pher	µg/kg	850U	780U	800U
4-Bromophenyl-phenylet	µg/kg	420U	390U	400U
4-chloro-3-methylphenol	µg/kg	420U	390U	400U
4-Chloroaniline	µg/kg	420U	390U	400U
4-Chlorophenyl Phenyl E	µg/kg	420U	390U	400U
4-methylphenol	µg/kg	420U	390U	400U

**Table H-9 Subsurface Soil SVOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 079	FBQ 083	FBQ 086
Sample ID		FBQSO-079-0158-SO	FBQSO-083-0166-SO	FBQSO-086-0172-SO
Date Collected		11/12/2003	11/13/2003	11/17/2003
Depth (ft)		1-3'	1-3'	1-3'
Sample Type		Grab	Grab	Grab
Analyte	Units			
4-Nitroaniline	µg/kg	420U	390U	400U
4-Nitrophenol	µg/kg	850U	780U	800U
Acenaphthene	µg/kg	420U	390U	400U
Acenaphthylene	µg/kg	420U	390U	400U
Acetophenone	µg/kg	420U	390U	400U
Anthracene	µg/kg	420U	390U	400U
Atrazine	µg/kg	420U	390U	400U
Benzaldehyde	µg/kg	420U	390U	400U
Benzo(a)anthracene	µg/kg	420U	390U	400U
Benzo(a)pyrene	µg/kg	420U	390U	400U
Benzo(b)fluoranthene	µg/kg	420U	390U	400U
Benzo(g,h,i)perylene	µg/kg	420U	390U	400U
Benzo(k)fluoranthene	µg/kg	420U	390U	400U
Benzyl Butyl Phthalate	µg/kg	420U	390U	400U
bis(2-chloroethoxy) meth	µg/kg	420U	390U	400U
bis(2-chloroethyl) ether	µg/kg	420U	390U	400U
bis(2-ethylhexyl) phthala	µg/kg	420U	390U	400U
Caprolactam	µg/kg	420U	390U	400U
Carbazole	µg/kg	420U	390U	400U
Chrysene	µg/kg	420U	390U	400U
Dibenz(a,h)Anthracene	µg/kg	420U	390U	400U
Dibenzofuran	µg/kg	420U	390U	400U
Diethyl Phthalate	µg/kg	420U	390U	400U
Dimethyl Phthalate	µg/kg	420U	390U	400U
di-n-Butyl Phthalate	µg/kg	420U	390U	400U

**Table H-9 Subsurface Soil SVOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 079	FBQ 083	FBQ 086
Sample ID		FBQSO-079-0158-SO	FBQSO-083-0166-SO	FBQSO-086-0172-SO
Date Collected		11/12/2003	11/13/2003	11/17/2003
Depth (ft)		1-3'	1-3'	1-3'
Sample Type		Grab	Grab	Grab
Analyte	Units			
di-n-Octyl Phthalate	µg/kg	420U	390U	400U
Fluoranthene	µg/kg	420U	390U	400U
Fluorene	µg/kg	420U	390U	400U
Hexachlorobenzene	µg/kg	420U	390U	400U
Hexachlorobutadiene	µg/kg	420U	390U	400U
Hexachlorocyclopentadiene	µg/kg	420U	390U	400U
Hexachloroethane	µg/kg	420U	390U	400U
Indeno(1,2,3-c,d)Pyrene	µg/kg	420U	390U	400U
Isophorone	µg/kg	420U	390U	400U
Naphthalene	µg/kg	420U	390U	400U
Nitrobenzene	µg/kg	420U	390U	400U
Nitrobenzene	µg/kg	35JB	100U	100U
n-Nitrosodi-n-Propylamine	µg/kg	420U	390U	400U
n-Nitrosodiphenylamine	µg/kg	420U	390U	400U
Pentachlorophenol	µg/kg	850U	780U	800U
Phenanthrene	µg/kg	420U	390U	400U
Phenol	µg/kg	420U	390U	400U
Pyrene	µg/kg	420U	390U	400U



**Table H-10 Subsurface Soil VOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 003	FBQ 009	FBQ019	FBQ 051	FBQ 060
Sample ID		FBQSO-003-0006-SO	FBQSO-009-0018-SO	FBQSO-019-0038-SO	FBQSO-051-0102-SO	FBQSO-060-0120-SO
Date Collected		10/20/2003	10/20/2003	10/13/2003	10/6/2003	10/13/2003
Depth (ft)		1-3'	1-3'	1-3'	1-3'	1-3'
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,1,1-Trichloroethane	µg/kg	5.8U	6.2U	6U	5.8U	5.9U
1,1,2,2-Tetrachloroethane	µg/kg	5.8U	6.2U	6U	5.8U	5.9U
1,1,2-Trichloroethane	µg/kg	5.8U	6.2U	6U	5.8U	5.9U
1,1-Dichloroethane	µg/kg	5.8U	6.2U	6U	5.8U	5.9U
1,1-Dichloroethene	µg/kg	5.8U	6.2U	6U	5.8U	5.9U
1,2,4-Trichlorobenzene	µg/kg	5.8U	6.2U	6U	N/A	5.9U
1,2-Dibromo-3-Chloropropan	µg/kg	5.8U	6.2U	6U	N/A	5.9U
1,2-Dichlorobenzene	µg/kg	5.8U	6.2U	6U	N/A	5.9U
1,2-Dichloroethane	µg/kg	5.8U	6.2U	6U	5.8U	5.9U
1,2-Dichloropropane	µg/kg	5.8U	6.2U	6U	5.8U	5.9U
1,3-Dichlorobenzene	µg/kg	5.8U	6.2U	6U	N/A	5.9U
1,4-Dichlorobenzene	µg/kg	5.8U	6.2U	6U	N/A	5.9U
2-Butanone	µg/kg	12U	12U	12U	12U	12U
2-Hexanone	µg/kg	12U	12U	12U	12U	12U
4-Methyl-2-Pentanone	µg/kg	12U	12U	12U	12U	12U
Acetone	µg/kg	7.2JB	7JB	8.2JB	8.2JB	7.3JB
Benzene	µg/kg	5.8U	6.2U	6U	6U	5.9U
Bromochloromethane	µg/kg	N/A	N/A	N/A	5.8U	N/A
Bromoform	µg/kg	5.8U	6.2U	6U	5.8	5.9U
Bromomethane	µg/kg	12U	12U	12U	12U	12U
Carbon Disulfide	µg/kg	5.8U	6.2U	67	5.8U	87
Carbon Tetrachloride	µg/kg	5.8U	6.2U	6U	5.8U	5.9U
Chlorobenzene	µg/kg	5.8U	6.2U	6U	5.8U	5.9U
Chloroethane	µg/kg	12U	12U	12U	12U	12U
Chloroform	µg/kg	5.8U	6.2U	6U	5.8U	5.9U

**Table H-10 Subsurface Soil VOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 003	FBQ 009	FBQ019	FBQ 051	FBQ 060
Sample ID		FBQSO-003-0006-SO	FBQSO-009-0018-SO	FBQSO-019-0038-SO	FBQSO-051-0102-SO	FBQSO-060-0120-SO
Date Collected		10/20/2003	10/20/2003	10/13/2003	10/6/2003	10/13/2003
Depth (ft)		1-3'	1-3'	1-3'	1-3'	1-3'
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
Chloromethane	µg/kg	12U	12U	12U	12U	12U
cis-1,2-Dichloroethene	µg/kg	5.8U	6.2U	6U	5.8U	5.9U
cis-1,3-Dichloropropene	µg/kg	5.8U	6.2U	6U	5.8U	5.9U
Cyclohexane	µg/kg	5.8U	6.2U	6U	N/A	5.9U
Dibromochloromethane	µg/kg	5.8U	6.2U	6U	5.8U	5.9U
Dichlorodifluoromethane	µg/kg	5.8U	6.2U	6U	N/A	5.9U
Ethylbenzene	µg/kg	5.8U	6.2U	6U	5.8U	5.9U
Ethylene Dibromide	µg/kg	5.8U	6.2U	6U	5.8U	5.9U
Freon 113	µg/kg	5.8U	6.2U	6U	N/A	5.9U
Isopropylbenzene	µg/kg	5.8U	6.2U	6U	N/A	5.9U
m,p-Xylenes	µg/kg	5.8U	6.2U	6U	5.8U	5.9U
Methyl Acetate	µg/kg	5.8U	6.2U	6U	N/A	5.9U
Methylcyclohexane	µg/kg	5.8U	6.2U	6U	N/A	5.9U
Methylene Chloride	µg/kg	17	18	9.8JB	83B	14B
o-Xylene	µg/kg	5.8U	6.2U	6U	5.8U	5.9U
Styrene	µg/kg	5.8U	6.2U	6U	5.8U	5.9U
tert-butyl methyl ether	µg/kg	5.8U	6.2U	6U	N/A	5.9U
Tetrachloroethylene	µg/kg	5.8U	6.2U	6U	5.8U	5.9U
Toluene	µg/kg	5.8U	6.2U	6U	5.8U	5.9U
trans-1,2-dichloroethene	µg/kg	5.8U	6.2U	6U	5.8U	5.9U
trans-1,3-dichloropropene	µg/kg	5.8U	6.2U	6U	5.8U	5.9U
Trichloroethene	µg/kg	2.8J	6.2U	6U	5.8U	5.9U
Trichlorofluoromethane	µg/kg	5.8U	6.2U	6U	N/A	5.9U
Vinyl Chloride	µg/kg	12U	12U	12U	12U	12U

**Table H-10 Subsurface Soil VOCs Analytical Results Summary Table  
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Station ID		FBQ 079	FBQ 083	FBQ 086
Sample ID		FBQSO-079-0158-SO	FBQSO-083-0166-SO	FBQSO-086-0172-SO
Date Collected		11/12/2003	11/13/2003	11/17/2003
Depth (ft)		1-3'	1-3'	1-3'
Sample Type		Grab	Grab	Grab
Analyte	Units			
1,1,1-Trichloroethane	µg/kg	6.5U	5.8U	6.2U
1,1,2,2-Tetrachloroethane	µg/kg	6.5U	5.8U	6.2U
1,1,2-Trichloroethane	µg/kg	6.5U	5.8U	6.2U
1,1-Dichloroethane	µg/kg	6.5U	5.8U	6.2U
1,1-Dichloroethene	µg/kg	6.5U	5.8U	6.2U
1,2,4-Trichlorobenzene	µg/kg	6.5U	5.8U	6.2U
1,2-Dibromo-3-Chloropropan	µg/kg	6.5U	5.8U	6.2U
1,2-Dichlorobenzene	µg/kg	6.5U	5.8U	6.2U
1,2-Dichloroethane	µg/kg	6.5U	5.8U	6.2U
1,2-Dichloropropane	µg/kg	6.5U	5.8U	6.2U
1,3-Dichlorobenzene	µg/kg	6.5U	5.8U	6.2U
1,4-Dichlorobenzene	µg/kg	6.5U	5.8U	6.2U
2-Butanone	µg/kg	13U	12U	5.4J
2-Hexanone	µg/kg	13U	12U	12U
4-Methyl-2-Pentanone	µg/kg	13U	12U	12U
Acetone	µg/kg	13U	13B	12JB
Benzene	µg/kg	6.5U	5.8U	6.2U
Bromochloromethane	µg/kg	N/A	N/A	N/A
Bromoform	µg/kg	6.5U	5.8U	6.2U
Bromomethane	µg/kg	13U	12U	12U
Carbon Disulfide	µg/kg	6.5U	16	3.1J
Carbon Tetrachloride	µg/kg	6.5U	5.8U	6.2U
Chlorobenzene	µg/kg	6.5U	5.8U	6.2U
Chloroethane	µg/kg	13U	12U	12U
Chloroform	µg/kg	6.5U	5.8U	6.2U

**Table H-10 Subsurface Soil VOCs Analytical Results Summary Table  
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Station ID		FBQ 079	FBQ 083	FBQ 086
Sample ID		FBQSO-079-0158-SO	FBQSO-083-0166-SO	FBQSO-086-0172-SO
Date Collected		11/12/2003	11/13/2003	11/17/2003
Depth (ft)		1-3'	1-3'	1-3'
Sample Type		Grab	Grab	Grab
Analyte	Units			
Chloromethane	µg/kg	13U	12U	12U
cis-1,2-Dichloroethene	µg/kg	6.5U	5.8U	6.2U
cis-1,3-Dichloropropene	µg/kg	6.5U	5.8U	6.2U
Cyclohexane	µg/kg	6.5U	5.8U	6.2U
Dibromochloromethane	µg/kg	6.5U	5.8U	6.2U
Dichlorodifluoromethane	µg/kg	6.5U	5.8U	6.2U
Ethylbenzene	µg/kg	6.5U	5.8U	6.2U
Ethylene Dibromide	µg/kg	6.5U	5.8U	6.2U
Freon 113	µg/kg	6.5U	5.8U	6.2U
Isopropylbenzene	µg/kg	6.5U	5.8U	6.2U
m,p-Xylenes	µg/kg	6.5U	5.1J	6.2U
Methyl Acetate	µg/kg	6.5U	5.8U	6.2U
Methylcyclohexane	µg/kg	6.5U	5.8U	6.2U
Methylene Chloride	µg/kg	14B	7JB	9.2JB
o-Xylene	µg/kg	6.5U	2J	6.2U
Styrene	µg/kg	6.5U	5.8U	6.2U
tert-butyl methyl ether	µg/kg	6.5U	5.8U	6.2U
Tetrachloroethylene	µg/kg	6.5U	5.8U	6.2U
Toluene	µg/kg	6.5U	3.6J	6.2U
trans-1,2-dichloroethene	µg/kg	6.5U	5.8U	6.2U
trans-1,3-dichloropropene	µg/kg	6.5U	5.8U	6.2U
Trichloroethene	µg/kg	6.5U	5.8U	6.2U
Trichlorofluoromethane	µg/kg	6.5U	5.8U	6.2U
Vinyl Chloride	µg/kg	13U	12U	12U

**Table H-11 Sediment Explosives and Propellants Analytical Results Summary Table  
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Station ID		FBQ 126	FBQ 127	FBQ 128	FBQ 129	FBQ 130
Sample ID		FBQSD-126-0251-SD	FBQSD-127-0252-SD	FBQSD-128-0253-SD	FBQSD-129-0254-SD	FBQSD-130-0255-SD
Date Collected		10/23/2003	10/23/2003	10/23/2003	11/5/2003	11/3/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	840U	710U	510U	620U	880U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	840U	710U	510U	620U	880U
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	840U	710U	510U	620U	880U
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	840U	710U	510U	620U	880U
Nitrobenzene	µg/kg	100U	100U	100U	100U	100U
Nitrocellulose	µg/kg	37U	33U	39	110	41U
Nitroglycerine	µg/kg	10000U	10000U	10000U	10000U	10000U
Nitroguanidine	µg/kg	130U	130U	130U	130U	130U
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-11 Sediment Explosives and Propellants Analytical Results Summary Table  
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Station ID		FBQ 131	FBQ 132	FBQ 133	FBQ 134	FBQ 135
Sample ID		FBQSD-131-0256-SD	FBQSD-132-0257-SD	FBQSD-133-0258-SD	FBQSD-134-0259-SD	FBQSD-135-0260-SD
Date Collected		11/3/2003	11/3/2003	11/5/2003	11/5/2003	11/5/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	98J	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	110	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	650U	640U	560U	470U	500U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	650U	640U	560U	470U	500U
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	650U	640U	560U	470U	500U
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	650U	640U	560U	470U	500U
Nitrobenzene	µg/kg	100U	100U	100U	100U	100U
Nitrocellulose	µg/kg	29U	81	66	23U	23U
Nitroglycerine	µg/kg	10000U	10000U	10000U	10000U	10000U
Nitroguanidine	µg/kg	130U	130U	130U	130U	130U
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-11 Sediment Explosives and Propellants Analytical Results Summary Table  
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Station ID		FBQ 136	FBQ 137	FBQ 138	FBQ 139	FBQ 140
Sample ID		FBQSD-136-0261-SD	FBQSD-137-0262-SD	FBQSD-138-0263-SD	FBQSD-139-0264-SD	FBQSD-140-0265-SD
Date Collected		11/6/2003	11/5/2003	11/5/2003	11/6/2003	11/6/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	480U	560U	500U	520U	630U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	480U	560U	500U	520U	630U
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	85J	100U
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	480U	560U	500U	520U	630U
HMX	µg/kg	110J	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	78J	200U	200U
Nitrobenzene	µg/kg	480U	560U	500U	520U	630U
Nitrobenzene	µg/kg	100U	100U	100U	100U	100U
Nitrocellulose	µg/kg	57	27U	100	54	46
Nitroglycerine	µg/kg	10000U	10000U	10000U	10000U	10000U
Nitroguanidine	µg/kg	130U	130U	130U	130U	130U
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-11 Sediment Explosives and Propellants Analytical Results Summary Table  
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Station ID		FBQ 141	FBQ 142	FBQ 143	FBQ 144	FBQ 145
Sample ID		FBQSD-141-0266-SD	FBQSD-142-0267-SD	FBQSD-143-0268-SD	FBQSD-144-0269-SD	FBQSD-145-0270-SD
Date Collected		11/6/2003	11/6/2003	11/6/2003	10/21/2003	10/21/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	33J	100U	60J	100U	100U
2,4-Dinitrotoluene	µg/kg	1500U	640U	810U	740U	470U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	1500U	640U	810U	740U	470U
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	1500U	640U	810U	740U	470U
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	1500U	640U	810U	740U	470U
Nitrobenzene	µg/kg	71J	100U	44JB	110	100U
Nitrocellulose	µg/kg	74U	32U	100	35U	23
Nitroglycerine	µg/kg	10000U	10000U	10000U	10000U	10000U
Nitroguanidine	µg/kg	130U	130U	130U	130U	130U
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U



**Table H-11 Sediment Explosives and Propellants Analytical Results Summary Table  
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Station ID		FBQ 146	FBQ 147	FBQ 148	FBQ 149	FBQ 150
Sample ID		FBQSD-146-0271-SD	FBQSD-147-0272-SD	FBQSD-148-0273-SD	FBQSD-149-0274-SD	FBQSD-150-0275-SD
Date Collected		11/3/2003	10/21/2003	10/21/2003	10/21/2003	10/21/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	300	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	430U	430U	590U	500U	500U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	430U	430U	590U	500U	500U
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	390	100U	110	100U	100U
4-Nitroaniline	µg/kg	430U	430U	590U	500U	500U
HMX	µg/kg	160J	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	430U	430U	590U	500U	500U
Nitrobenzene	µg/kg	100U	100U	100U	57J	100U
Nitrocellulose	µg/kg	21U	20U	32	24U	33
Nitroglycerine	µg/kg	10000U	10000U	10000U	10000U	10000U
Nitroguanidine	µg/kg	130U	130U	130U	130U	130U
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-11 Sediment Explosives and Propellants Analytical Results Summary Table  
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Station ID		FBQ 151	FBQ 152	FBQ 153	FBQ 154	FBQ 155
Sample ID		FBQSD-151-0276-SD	FBQSD-152-0277-SD	FBQSD-153-0278-SD	FBQSD-154-0279-SD	FBQSD-155-0280-SD
Date Collected		10/21/2003	10/21/2003	10/21/2003	10/21/2003	10/21/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100
2,4-Dinitrotoluene	µg/kg	490U	510U	540U	430U	640U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	490U	510U	540U	430U	640U
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2-Amino-4,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	73J
4-Amino-2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	130
4-Nitroaniline	µg/kg	490U	510U	540U	430U	640U
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	490U	510U	540U	430U	640U
Nitrobenzene	µg/kg	100U	100U	100U	65J	100U
Nitrocellulose	µg/kg	54	38	42	55	43
Nitroglycerine	µg/kg	10000U	10000U	10000U	10000U	10000U
Nitroguanidine	µg/kg	130U	130U	130U	130U	130U
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-11 Sediment Explosives and Propellants Analytical Results Summary Table  
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Station ID		FBQ 156	FBQ 157	FBQ 158	FBQ 159	FBQ 160
Sample ID		FBQSD-156-0281-SD	FBQSD-157-0282-SD	FBQSD-158-0283-SD	FBQSD-159-0284-SD	FBQSD-160-0285-SD
Date Collected		11/3/2003	10/21/2003	10/21/2003	11/6/2003	11/6/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	870U	460U	520U	490U	510U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	870U	460U	520U	490U	510U
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	870U	460U	520U	490U	510U
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
Nitrobenzene	µg/kg	870U	460U	520U	490U	510U
Nitrobenzene	µg/kg	100U	100U	49J	38JB	100U
Nitrocellulose	µg/kg	39U	25	40	30	88
Nitroglycerine	µg/kg	49000	10000U	10000U	10000U	10000U
Nitroguanidine	µg/kg	130U	130U	130U	130U	130U
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-11 Sediment Explosives and Propellants Analytical Results Summary Table  
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Station ID		FBQ 161	FBQ 162	FBQ 163	FBQ 164	FBQ 165
Sample ID		FBQSD-161-0286-SD	FBQSD-162-0287-SD	FBQSD-163-0288-SD	FBQSD-164-0289-SD	FBQSD-165-0290-SD
Date Collected		11/6/2003	11/6/2003	11/6/2003	11/6/2003	11/6/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
1,3,5-Trinitrobenzene	µg/kg	100U	100U	100U	100U	100U
1,3-Dinitrobenzene	µg/kg	100U	100U	100U	100U	100U
2,4,6-Trinitrotoluene	µg/kg	100U	41J	100U	100U	100U
2,4-Dinitrotoluene	µg/kg	560U	460U	590U	540U	500U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	560U	460U	590U	540U	500U
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2-Amino-4,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Amino-2,6-Dinitrotolue	µg/kg	100U	100U	100U	100U	100U
4-Nitroaniline	µg/kg	560U	460U	590U	540U	500U
HMX	µg/kg	200U	200U	200U	200U	200U
m-Nitrotoluene	µg/kg	200U	150J	100J	200U	200U
Nitrobenzene	µg/kg	560U	460U	590U	540U	500U
Nitrobenzene	µg/kg	100U	100U	100U	100U	100U
Nitrocellulose	µg/kg	27U	74	59	28U	25U
Nitroglycerine	µg/kg	10000U	10000U	10000U	10000U	10000U
Nitroguanidine	µg/kg	130U	130U	130U	130U	130U
o-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
p-Nitrotoluene	µg/kg	200U	200U	200U	200U	200U
RDX	µg/kg	200U	200U	200U	200U	200U
Tetryl	µg/kg	200U	200U	200U	200U	200U

**Table H-12 Sediment Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 126	FBQ 127	FBQ 128	FBQ 129	FBQ 130
Sample ID		FBQSD-126-0251-SD	FBQSD-127-0252-SD	FBQSD-128-0253-SD	FBQSD-129-0254-SD	FBQSD-130-0255-SD
Date Collected		10/23/2003	10/23/2003	10/23/2003	11/5/2003	11/3/2003
Depth (ft)		0-0.6"	0-0.6"	0-0.6"	0-0.6"	0-0.6"
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
Aluminum	mg/kg	17800	15400	9210	17100	21500
Antimony	mg/kg	1.6BN	1BN	0.43BN	0.46BN	0.61BN
Arsenic	mg/kg	17.5	15.5	9.1	8	8.7
Barium	mg/kg	228	154	75	153N	138
Beryllium	mg/kg	1.1	0.95	0.71	1.1	1.2
Cadmium	mg/kg	0.92	0.58	0.11	0.48	0.33
Calcium	mg/kg	3700	3600	1400	3100	3030
Chromium, total	mg/kg	1140	19.6	12.4	22.9E	31.6
Chromium, hexavalent	mg/kg	18	15	8.5	1.8U	2.5U
Cobalt	mg/kg	17.8	12.6	7.1	7.9	11.6*
Copper	mg/kg	26.3	24	15.7	34.5	41.4
Iron	mg/kg	36000	29300	18600	18800	25800
Lead	mg/kg	37	43.6	45.5	142	61.8
Magnesium	mg/kg	4630N	3340N	1720N	3470N	5530N
Manganese	mg/kg	2560	917	305	246	210N*
Mercury	mg/kg	0.15	0.19	0.07	0.17	0.17
Nickel	mg/kg	32.9	22.7	11.9	21.8E	33.4
Potassium	mg/kg	2360N	1780N	921N	1530NE	3680N
Selenium	mg/kg	3B	2.2	1.1B	1.1B	0.95B
Silver	mg/kg	0.27B	0.16B	0.06U	0.11B	0.09U
Sodium	mg/kg	191	152	97.9	150	108
Thallium	mg/kg	1.6U	0.71U	0.49U	0.58U	0.73U
Total Organic Carbon	mg/kg	54000	62000	47000	56000	80000
Vanadium	mg/kg	30.9	28.1	19.4	31.6N	36N
Zinc	mg/kg	205	162	77.5	152	148

**Table H-12 Sediment Inorganics Analytical Results Summary Table  
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Station ID		FBQ 131	FBQ 132	FBQ 133	FBQ 134	FBQ 135
Sample ID		FBQSD-131-0256-SD	FBQSD-132-0257-SD	FBQSD-133-0258-SD	FBQSD-134-0259-SD	FBQSD-135-0260-SD
Date Collected		11/3/2003	11/3/2003	11/5/2003	11/5/2003	11/5/2003
Depth (ft)		0-0.6"	0-0.6"	0-0.6"	0-0.6"	0-0.6"
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
Aluminum	mg/kg	14900	22100	11300	20200	15200
Antimony	mg/kg	0.37UN	0.45BN	0.32UN	0.3UN	0.32UN
Arsenic	mg/kg	5.8	7.1	3.2	16.5	13.3
Barium	mg/kg	53.1	104	60.9N	63.4N	59.5N
Beryllium	mg/kg	0.52	0.88	0.6	1	0.69
Cadmium	mg/kg	0.11	0.69	0.15	0.01U	0.23
Calcium	mg/kg	816	1230	1640	928	838
Chromium, total	mg/kg	19	27	14.3E	27.1E	20.3E
Chromium, hexavalent	mg/kg	4.4	1.9U	4.2	3.4U	3.7U
Cobalt	mg/kg	5.1*	8.5*	5.5	11.4	7.3
Copper	mg/kg	14.4	22.1	11.2	26	28.2
Iron	mg/kg	16800	20900	12600	47400	19900
Lead	mg/kg	32.5	455	28.9	15.4	34.2
Magnesium	mg/kg	2810N	4000N	2170N	5090N	3110N
Manganese	mg/kg	94.9N*	143N*	131	233	126
Mercury	mg/kg	0.07B	0.11	0.05B	0.04B	0.07
Nickel	mg/kg	14.8	22.7	13.6E	32E	19.8E
Potassium	mg/kg	1420N	2060N	1070NE	2200NE	1590NE
Selenium	mg/kg	0.39U	0.71B	0.66B	1.4	0.73B
Silver	mg/kg	0.08U	0.07U	0.07U	0.11B	0.09B
Sodium	mg/kg	59.5B	90.6	116	124	117
Thallium	mg/kg	0.62U	0.58U	0.53U	0.51U	0.53U
Total Organic Carbon	mg/kg	35000	33000	41000	19000	34000
Vanadium	mg/kg	26.9N	34.9N	20.6N	31.6N	23.6N
Zinc	mg/kg	69.3	127	59	78	68.1

**Table H-12 Sediment Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 136	FBQ 137	FBQ 138	FBQ 139	FBQ 140
Sample ID		FBQSD-136-0261-SD	FBQSD-137-0262-SD	FBQSD-138-0263-SD	FBQSD-139-0264-SD	FBQSD-140-0265-SD
Date Collected		11/6/2003	11/5/2003	11/5/2003	11/6/2003	11/6/2003
Depth (ft)		0-0.6"	0-0.6"	0-0.6"	0-0.6"	0-0.6"
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
Aluminum	mg/kg	14700	20500	15100	20000	21400
Antimony	mg/kg	0.38BN	0.34UN	0.36BN	0.44BN	0.4BN
Arsenic	mg/kg	5.9	10.3	10.9	3.3	11.6
Barium	mg/kg	69.1N	86.7N	70.7N	80.8N	157N
Beryllium	mg/kg	0.71	0.93	0.71	0.81	0.93
Cadmium	mg/kg	0.08	0.22	0.02U	0.02U	0.1
Calcium	mg/kg	1190	1880	845	859	3020
Chromium, total	mg/kg	18.9	27E	19.4E	25.3	25.8
Chromium, hexavalent	mg/kg	4.1	1.6U	1.5U	5	6.6
Cobalt	mg/kg	7.4	10.1	7.8	8.9	11.6
Copper	mg/kg	16.7	21.5	15.6	17.9	18.7
Iron	mg/kg	18700	30900	24600	20000	29200
Lead	mg/kg	22.8	33.3	23.8	32.6	29.9
Magnesium	mg/kg	3110N	4230N	3090N	4220N	3590N
Manganese	mg/kg	123	176	159	145	330
Mercury	mg/kg	0.05B	0.05B	0.03B	0.04B	0.06B
Nickel	mg/kg	18.5	27.8E	18.6E	24.4	23.4
Potassium	mg/kg	1660N	2230NE	1530NE	2350N	1900N
Selenium	mg/kg	0.66B	1.1B	1B	0.64B	1.2B
Silver	mg/kg	0.06U	0.07U	0.06U	0.07U	0.1B
Sodium	mg/kg	114	151	102	126	158
Thallium	mg/kg	0.48U	0.57U	0.52U	0.54U	0.61U
Total Organic Carbon	mg/kg	34000	49000	53000	22000	57000
Vanadium	mg/kg	25.6N	32.5N	27.2N	28.6N	42N
Zinc	mg/kg	71.7	74.9	70.8	84.2	90

**Table H-12 Sediment Inorganics Analytical Results Summary Table  
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Station ID		FBQ 141	FBQ 142	FBQ 143	FBQ 144	FBQ 145
Sample ID		FBQSD-141-0266-SD	FBQSD-142-0267-SD	FBQSD-143-0268-SD	FBQSD-144-0269-SD	FBQSD-145-0270-SD
Date Collected		11/6/2003	11/6/2003	11/6/2003	10/21/2003	10/21/2003
Depth (ft)		0-0.6"	0-0.6"	0-0.6"	0-0.6"	0-0.6"
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
Aluminum	mg/kg	11500	16900	7580	8640	2940
Antimony	mg/kg	3.8N	1.1BN	11.5N	12.5N	1.5N
Arsenic	mg/kg	11.1	13.7	33.3	6.7	3.3NE*
Barium	mg/kg	507N	194N	153N	123	27.3N
Beryllium	mg/kg	0.71	0.86	0.62	0.52	0.21
Cadmium	mg/kg	2.3	0.54	0.81	2.2	0.56
Calcium	mg/kg	7780	2650	2160	2070	278*
Chromium, total	mg/kg	18E	21.4E	15.9	16.6	5.5*E
Chromium, hexavalent	mg/kg	11U	1.9	2.4U	30	7.1
Cobalt	mg/kg	9.7	15.8	13.4	5.2	3.3*
Copper	mg/kg	63.2	23.3	49	102	14.8
Iron	mg/kg	27700	30800	55200	12900	7840
Lead	mg/kg	58.7	30.1	80	138	28.6E
Magnesium	mg/kg	2860N	3600N	1570N	1690N	510N*
Manganese	mg/kg	4100	2180	607	121	69.6*
Mercury	mg/kg	0.78	0.13	0.8	3.1	0.28
Nickel	mg/kg	25.1E	26.3E	21.4	18.8	7.2
Potassium	mg/kg	1920NE	1610NE	1060N	1090N	337N
Selenium	mg/kg	1.7U	1.8U	2.3	1.4B	0.66B
Silver	mg/kg	1.2B	0.69B	0.51	0.44B	0.08B
Sodium	mg/kg	285	171	197	228	60.8
Thallium	mg/kg	2.7U	2.9U	0.74U	1.2U	0.43U
Total Organic Carbon	mg/kg	96000	50000	44000	53000	13000
Vanadium	mg/kg	19.8N	30.7N	15.9N	16.7	5.9N
Zinc	mg/kg	418	172	544	419	141E



**Table H-12 Sediment Inorganics Analytical Results Summary Table  
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Station ID		FBQ 146	FBQ 147	FBQ 148	FBQ 149	FBQ 150
Sample ID		FBQSD-146-0271-SD	FBQSD-147-0272-SD	FBQSD-148-0273-SD	FBQSD-149-0274-SD	FBQSD-150-0275-SD
Date Collected		11/3/2003	10/21/2003	10/21/2003	10/21/2003	10/21/2003
Depth (ft)		0-0.6"	0-0.6"	0-0.6"	0-0.6"	0-0.6"
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
Aluminum	mg/kg	7760	10800	10800	15900	12900
Antimony	mg/kg	128N	2N	12.3N	0.68BN	10.3N
Arsenic	mg/kg	14.1	10.1NE*	21.3	13.7	14
Barium	mg/kg	389N	82.2N	374	106	97.6
Beryllium	mg/kg	0.16BE	0.59	0.98	0.88	0.71
Cadmium	mg/kg	11.5	0.08	18.9	0.01U	0.18
Calcium	mg/kg	13600	1380*	6170	10100	2230
Chromium, total	mg/kg	71.8	14.7*E	72.3	23	20.2
Chromium, hexavalent	mg/kg	1.3U	7.2	33	7.6	25
Cobalt	mg/kg	9.4	8.6*	12.8	12.5	10.2
Copper	mg/kg	340	13	350	22.8	26.1
Iron	mg/kg	52800	19400	63900	30500	25200
Lead	mg/kg	1300N	32.1E	1490	15.7	68.5
Magnesium	mg/kg	2580N	1940N*	2420N	5270N	2460N
Manganese	mg/kg	741	218*	686	539	469
Mercury	mg/kg	35	0.13	3.4	0.11	2.7
Nickel	mg/kg	31.3	12.9	35.2	30.7	16.7
Potassium	mg/kg	696N	833N	1200N	2040N	1120N
Selenium	mg/kg	2.4U	1.4	3.2	1.3	1.6
Silver	mg/kg	12.4	0.05U	2.8	0.07B	0.14B
Sodium	mg/kg	75.7U	78.8	806	133	117
Thallium	mg/kg	3.4U	0.43U	0.64U	0.43U	0.41U
Total Organic Carbon	mg/kg	29000	18000	65000	32000	16000
Vanadium	mg/kg	11.4N	23.1N	24.7	25.9	25
Zinc	mg/kg	2870	69.4E	3620	63.9	122

**Table H-12 Sediment Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 151	FBQ 152	FBQ 153	FBQ 154	FBQ 155
Sample ID		FBQSD-151-0276-SD	FBQSD-152-0277-SD	FBQSD-153-0278-SD	FBQSD-154-0279-SD	FBQSD-155-0280-SD
Date Collected		10/21/2003	10/21/2003	10/21/2003	10/21/2003	10/21/2003
Depth (ft)		0-0.6"	0-0.6"	0-0.6"	0-0.6"	0-0.6"
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
Aluminum	mg/kg	10400	12300	11100	14300	11500
Antimony	mg/kg	1.6N	16.5N	6.7N	1N	40.9N
Arsenic	mg/kg	5.2	7.5	9.7	11.5	31.3
Barium	mg/kg	83.2	120	93.7	86.5	976
Beryllium	mg/kg	0.57	0.65	0.64	0.86	1.1
Cadmium	mg/kg	0.01U	0.46	0.38	0.01U	3.1
Calcium	mg/kg	1540	1490	3740	8750	23300
Chromium, total	mg/kg	14.3	23	18.1	21.1	108
Chromium, hexavalent	mg/kg	18	30	26	23	11
Cobalt	mg/kg	8.7	9.2	9	14.6	18
Copper	mg/kg	14.9	51.7	25.9	24	660
Iron	mg/kg	18500	21600	23000	34300	138000
Lead	mg/kg	18.5	120	64.5	16.5	1430
Magnesium	mg/kg	2400N	2610N	2830N	4620N	3470N
Manganese	mg/kg	178	223	365	249	850
Mercury	mg/kg	0.15	4.4	3.5	0.17	1.5
Nickel	mg/kg	17.1	19.3	18.7	35.3	68.4
Potassium	mg/kg	1120N	1160N	1300N	2140N	1030N
Selenium	mg/kg	1.2	1.5	1.3	1.4	8.2
Silver	mg/kg	0.05U	0.26B	0.27	0.05U	4
Sodium	mg/kg	98.9	134	139	143	814
Thallium	mg/kg	0.43U	0.57U	0.45U	0.39U	3.3U
Total Organic Carbon	mg/kg	17000	21000	63000	9200	74000
Vanadium	mg/kg	18.8	22.8	20.2	23.3	24.7
Zinc	mg/kg	60.2	214	180	71.6	3080

**Table H-12 Sediment Inorganics Analytical Results Summary Table  
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Station ID		FBQ 156	FBQ 157	FBQ 158	FBQ 159	FBQ 160
Sample ID		FBQSD-156-0281-SD	FBQSD-157-0282-SD	FBQSD-158-0283-SD	FBQSD-159-0284-SD	FBQSD-160-0285-SD
Date Collected		11/3/2003	10/21/2003	10/21/2003	11/6/2003	11/6/2003
Depth (ft)		0-0.6"	0-0.6"	0-0.6"	0-0.6"	0-0.6"
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
Aluminum	mg/kg	11600	13900	12600	16300	14500
Antimony	mg/kg	48.7N	4N	11.4N	0.71BN	0.52BN
Arsenic	mg/kg	32.4	18	13.9	12.2	8.7
Barium	mg/kg	134N	99.4	270	110N	98N
Beryllium	mg/kg	0.4E	0.86	0.63	0.94	0.85
Cadmium	mg/kg	4.3	0.58	4.3	0.02U	0.04B
Calcium	mg/kg	55500	12100	15500	1360	1380
Chromium, total	mg/kg	47.7	22.7	88.2	18.6	17.2
Chromium, hexavalent	mg/kg	2.5U	14	15	1.5U	1.5U
Cobalt	mg/kg	15.5	14.4	13.5	10.3	7.7
Copper	mg/kg	129	63.1	268	15.3	15.1
Iron	mg/kg	97000	35800	54700	23600	20000
Lead	mg/kg	572N	122	1060	26.3	30.8
Magnesium	mg/kg	3130N	2930N	8590N	2550N	2340N
Manganese	mg/kg	872	270	373	748	373
Mercury	mg/kg	5.2	0.79	2	0.08	0.09
Nickel	mg/kg	36.4	43.3	80.5	20	17.6
Potassium	mg/kg	1680N	1410N	1000N	1240N	1170N
Selenium	mg/kg	3.1B	2.5	5.5	1.1B	0.91B
Silver	mg/kg	1.8	0.35	0.55B	0.07U	0.07U
Sodium	mg/kg	151B	162	490	120	136
Thallium	mg/kg	3.1B	0.58U	2.3U	0.55U	0.55U
Total Organic Carbon	mg/kg	120000	20000	16000	30000	43000
Vanadium	mg/kg	21N	25.2	19.7	29.6N	26.2N
Zinc	mg/kg	1780	261	1830	105	89

**Table H-12 Sediment Inorganics Analytical Results Summary Table  
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Station ID		FBQ 161	FBQ 162	FBQ 163	FBQ 164	FBQ 165
Sample ID		FBQSD-161-0286-SD	FBQSD-162-0287-SD	FBQSD-163-0288-SD	FBQSD-164-0289-SD	FBQSD-165-0290-SD
Date Collected		11/6/2003	11/6/2003	11/6/2003	11/6/2003	11/6/2003
Depth (ft)		0-0.6"	0-0.6"	0-0.6"	0-0.6"	0-0.6"
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
Aluminum	mg/kg	14600	12500	14000	14500	16000
Antimony	mg/kg	0.56BN	0.52BN	0.37BN	0.58BN	1.1BN
Arsenic	mg/kg	7	10.6	11.1	12.6	8.5
Barium	mg/kg	87.5N	111N	174N	125N	89.7N
Beryllium	mg/kg	0.76	0.86	1.1	1.1	0.84
Cadmium	mg/kg	0.43	0.19	0.1	0.18	0.36
Calcium	mg/kg	1040	2800	2440	9240	782
Chromium, total	mg/kg	18.4E	19E	20.1E	17.6E	20.5E
Chromium, hexavalent	mg/kg	4.1U	3.4U	1.9	1.6U	1.5U
Cobalt	mg/kg	9.8	10	12.4	14.9	8
Copper	mg/kg	27	22.2	35.4	18.9	25
Iron	mg/kg	21900	24000	32800	28600	22100
Lead	mg/kg	37.8	25.9	25.2	20	55.4
Magnesium	mg/kg	3670N	2790N	3350N	4340N	2730N
Manganese	mg/kg	149	411	209	558	241
Mercury	mg/kg	0.06	0.14	0.04B	0.08	0.24
Nickel	mg/kg	20.5E	20.8E	30.2E	23.8E	24E
Potassium	mg/kg	1510NE	1460NE	1590NE	1420NE	1390NE
Selenium	mg/kg	0.92B	0.78B	0.86B	1.1	0.97B
Silver	mg/kg	0.08B	0.13B	0.09B	0.13B	0.18B
Sodium	mg/kg	116	117	135	197	127
Thallium	mg/kg	0.5U	0.45U	0.53U	0.45U	0.53U
Total Organic Carbon	mg/kg	23000	28000	28000	29000	23000
Vanadium	mg/kg	24.9N	22.4N	26.5N	22.5N	28N
Zinc	mg/kg	111	82.9	127	90.7	109

**Table H-13 Sediment Pesticides and PCBs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 126	FBQ 127	FBQ 128	FBQ 129	FBQ 130
Sample ID		FBQSD-126-0251-SD	FBQSD-127-0252-SD	FBQSD-128-0253-SD	FBQSD-129-0254-SD	FBQSD-130-0255-SD
Date Collected		10/23/2003	10/23/2003	10/23/2003	11/5/2003	11/3/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
4,4-DDD	µg/kg	4.2U	3.6U	2.5U	3.1U	4.4U
4,4-DDE	µg/kg	4.2U	3.6U	2.5U	3.1U	4.4U
4,4-DDT	µg/kg	4.2U	3.6U	2.5U	3.1U	4.4U
Aldrin	µg/kg	4.2U	3.6U	2.5U	3.1U	4.4U
Alpha-BHC	µg/kg	4.2U	3.6U	2.5U	3.1U	4.4U
Alpha-Chlordane	µg/kg	4.2U	3.6U	2.5U	3.1U	4.4U
Beta-BHC	µg/kg	4.2U	3.6U	2.5U	3.1U	4.4U
Chlordane	µg/kg	84U	71U	51U	62U	88U
Delta-BHC	µg/kg	4.2U	3.6U	2.5U	3.1U	4.4U
Dieldrin	µg/kg	4.2U	3.6U	2.5U	3.1U	4.4U
Endosulfan I	µg/kg	4.2U	3.6U	2.5U	3.1U	4.4U
Endosulfan II	µg/kg	4.2U	3.6U	2.5U	3.1U	4.4U
Endosulfan Sulfate	µg/kg	4.2U	3.6U	2.5U	3.1U	4.4U
Endrin	µg/kg	4.2U	3.6U	2.5U	3.1U	4.4U
Endrin Aldehyde	µg/kg	4.2U	3.6U	2.5U	3.1U	4.4U
Endrin Ketone	µg/kg	4.2U	3.6U	2.5U	3.1U	4.4U
Gamma-BHC (Lindane)	µg/kg	4.2U	3.6U	2.5U	3.1U	4.4U
Gamma-Chlordane	µg/kg	4.2U	3.6U	2.5U	3.1U	4.4U
Heptachlor	µg/kg	4.2U	3.6U	2.5U	3.1U	4.4U
Heptachlor Epoxide	µg/kg	4.2U	3.6U	2.5U	3.1U	4.4U
Methoxychlor	µg/kg	4.2U	3.6U	2.5U	2.2J	4.4U
PCB-1016	µg/kg	84U	71U	51U	62U	88U
PCB-1221	µg/kg	84U	71U	51U	62U	88U
PCB-1242	µg/kg	84U	71U	51U	62U	88U
PCB-1248	µg/kg	84U	71U	51U	62U	88U
PCB-1254	µg/kg	84U	71U	51U	62U	88U
PCB-1260	µg/kg	84U	71U	51U	62U	88U
Toxaphene	µg/kg	84U	71U	51U	62U	88U

**Table H-13 Sediment Pesticides and PCBs Analytical Results Summary Table  
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Station ID		FBQ 131	FBQ 132	FBQ 133	FBQ 134	FBQ 135
Sample ID		FBQSD-131-0256-SD	FBQSD-132-0257-SD	FBQSD-133-0258-SD	FBQSD-134-0259-SD	FBQSD-135-0260-SD
Date Collected		11/3/2003	11/3/2003	11/5/2003	11/5/2003	11/5/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
4,4-DDD	µg/kg	3.3U	3.2U	2.8U	2.4U	2.5U
4,4-DDE	µg/kg	3.3U	3.2U	2.8U	2.4U	2.5U
4,4-DDT	µg/kg	3.3U	1.6J	2.8U	2.4U	2.5U
Aldrin	µg/kg	3.3U	3.2U	2.8U	2.4U	2.5U
Alpha-BHC	µg/kg	3.3U	3.2U	2.8U	2.4U	2.5U
Alpha-Chlordane	µg/kg	3.3U	3.2U	2.8U	2.4U	2.5U
Beta-BHC	µg/kg	3.3U	3.2U	2.8U	2.4U	2.5U
Chlordane	µg/kg	65U	64U	56U	47U	50U
Delta-BHC	µg/kg	3.3U	3.2U	2.8U	2.4U	2.5U
Dieldrin	µg/kg	3.3U	3.2U	2.8U	2.4U	2.5U
Endosulfan I	µg/kg	3.3U	3.2U	2.8U	2.4U	2.5U
Endosulfan II	µg/kg	3.3U	3.2U	2.8U	2.4U	2.5U
Endosulfan Sulfate	µg/kg	3.3U	3.2U	2.8U	2.4U	2.5U
Endrin	µg/kg	3.3U	3.2U	2.8U	2.4U	2.5U
Endrin Aldehyde	µg/kg	3.3U	3.2U	2.8U	2.4U	2.5U
Endrin Ketone	µg/kg	3.3U	3.2U	2.8U	2.4U	2.5U
Gamma-BHC (Lindane)	µg/kg	3.3U	3.2U	2.8U	2.4U	2.5U
Gamma-Chlordane	µg/kg	3.3U	3.2U	2.8U	2.4U	2.5U
Heptachlor	µg/kg	3.3U	3.2U	2.8U	2.4U	2.5U
Heptachlor Epoxide	µg/kg	3.3U	3.2U	2.8U	2.4U	2.5U
Methoxychlor	µg/kg	3.3U	3.2U	2.8U	2.4U	2.5U
PCB-1016	µg/kg	65U	64U	56U	47U	50U
PCB-1221	µg/kg	65U	64U	56U	47U	50U
PCB-1242	µg/kg	65U	64U	56U	47U	50U
PCB-1248	µg/kg	65U	64U	56U	47U	50U
PCB-1254	µg/kg	65U	64U	56U	47U	50U
PCB-1260	µg/kg	65U	64U	56U	47U	50U
Toxaphene	µg/kg	65U	64U	56U	47U	50U

**Table H-13 Sediment Pesticides and PCBs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 136	FBQ 137	FBQ 138	FBQ 139	FBQ 140
Sample ID		FBQSD-136-0261-SD	FBQSD-137-0262-SD	FBQSD-138-0263-SD	FBQSD-139-0264-SD	FBQSD-140-0265-SD
Date Collected		11/6/2003	11/5/2003	11/5/2003	11/6/2003	11/6/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
4,4-DDD	µg/kg	2.4U	2.8U	2.5U	0.85J	3.2U
4,4-DDE	µg/kg	2.4U	2.8U	2.5U	0.76J	0.79JP
4,4-DDT	µg/kg	2.4U	2.8U	2.5U	2.6U	3.2U
Aldrin	µg/kg	2.4U	2.8U	2.5U	2.6U	3.2U
Alpha-BHC	µg/kg	2.4U	2.8U	2.5U	2.6U	3.2U
Alpha-Chlordane	µg/kg	2.4U	2.8U	2.5U	2.6U	3.2U
Beta-BHC	µg/kg	2.4U	2.8U	2.5U	0.66J	3.2U
Chlordane	µg/kg	48U	56U	50U	52U	63U
Delta-BHC	µg/kg	2.4U	2.8U	2.5U	2.6U	3.2U
Dieldrin	µg/kg	2.4U	2.8U	2.5U	0.55JP	3.2U
Endosulfan I	µg/kg	2.4U	2.8U	2.5U	0.52J	3.2U
Endosulfan II	µg/kg	2.4U	2.8U	2.5U	2.6U	3.2U
Endosulfan Sulfate	µg/kg	2.4U	2.8U	2.5U	2.6U	3.2U
Endrin	µg/kg	2.4U	2.8U	2.5U	0.55J	3.2U
Endrin Aldehyde	µg/kg	2.4U	2.8U	2.5U	2.6U	3.2U
Endrin Ketone	µg/kg	2.4U	2.8U	2.5U	2.6U	3.2U
Gamma-BHC (Lindane)	µg/kg	2.4U	2.8U	2.5U	0.86J	3.2U
Gamma-Chlordane	µg/kg	2.4U	2.8U	2.5U	2.6U	3.2U
Heptachlor	µg/kg	2.4U	2.8U	2.5U	2.6U	3.2U
Heptachlor Epoxide	µg/kg	2.4U	2.8U	2.5U	0.57J	3.2U
Methoxychlor	µg/kg	2.4U	2.8U	2.5U	2.6U	3.2U
PCB-1016	µg/kg	48U	56U	50U	52U	63U
PCB-1221	µg/kg	48U	56U	50U	52U	63U
PCB-1242	µg/kg	48U	56U	50U	52U	63U
PCB-1248	µg/kg	48U	56U	50U	52U	63U
PCB-1254	µg/kg	48U	56U	50U	52U	63U
PCB-1260	µg/kg	48U	56U	50U	52U	63U
Toxaphene	µg/kg	48U	56U	50U	52U	63U

**Table H-13 Sediment Pesticides and PCBs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 141	FBQ 142	FBQ 143	FBQ 144	FBQ 145
Sample ID		FBQSD-141-0266-SD	FBQSD-142-0267-SD	FBQSD-143-0268-SD	FBQSD-144-0269-SD	FBQSD-145-0270-SD
Date Collected		11/6/2003	11/6/2003	11/6/2003	10/21/2003	10/21/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
4,4-DDD	µg/kg	7.5U	3.2U	13	3.7U	2.3U
4,4-DDE	µg/kg	1J	3.2U	4U	3.7U	2.3U
4,4-DDT	µg/kg	7.5U	3.2U	4U	3.7U	2.3U
Aldrin	µg/kg	7.5U	3.2U	4U	3.7U	2.3U
Alpha-BHC	µg/kg	7.5U	3.2U	4U	3.7U	2.3U
Alpha-Chlordane	µg/kg	7.5U	3.2U	4U	3.7U	2.3U
Beta-BHC	µg/kg	7.5U	3.2U	4U	3.7U	2.3U
Chlordane	µg/kg	150U	64U	81U	74U	47U
Delta-BHC	µg/kg	7.5U	3.2U	4U	3.7U	2.3U
Dieldrin	µg/kg	7.5U	3.2U	4U	3.7U	2.3U
Endosulfan I	µg/kg	7.5U	3.2U	4U	3.7U	2.3U
Endosulfan II	µg/kg	7.5U	3.2U	4U	3.7U	2.3U
Endosulfan Sulfate	µg/kg	7.5U	3.2U	4U	3.7U	2.3U
Endrin	µg/kg	7.5U	3.2U	4U	3.7U	2.3U
Endrin Aldehyde	µg/kg	7.5U	3.2U	4U	3.7U	2.3U
Endrin Ketone	µg/kg	7.5U	3.2U	4U	3.7U	2.3U
Gamma-BHC (Lindane)	µg/kg	7.5U	3.2U	4U	3.7U	2.3U
Gamma-Chlordane	µg/kg	7.5U	3.2U	4U	3.7U	2.3U
Heptachlor	µg/kg	7.5U	3.2U	4U	3.7U	2.3U
Heptachlor Epoxide	µg/kg	7.5U	3.2U	4U	3.7U	2.3U
Methoxychlor	µg/kg	2.3J	3.2U	4U	3.7U	2.3U
PCB-1016	µg/kg	150U	64U	81U	74U	47U
PCB-1221	µg/kg	150U	64U	81U	74U	47U
PCB-1242	µg/kg	150U	64U	81U	74U	47U
PCB-1248	µg/kg	150U	64U	81U	74U	47U
PCB-1254	µg/kg	150U	64U	81U	74U	47U
PCB-1260	µg/kg	150U	64U	81U	74U	47U
Toxaphene	µg/kg	150U	64U	81U	74U	47U



**Table H-13 Sediment Pesticides and PCBs Analytical Results Summary Table  
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Station ID		FBQ 146	FBQ 147	FBQ 148	FBQ 149	FBQ 150
Sample ID		FBQSD-146-0271-SD	FBQSD-147-0272-SD	FBQSD-148-0273-SD	FBQSD-149-0274-SD	FBQSD-150-0275-SD
Date Collected		11/3/2003	10/21/2003	10/21/2003	10/21/2003	10/21/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
4,4-DDD	µg/kg	2.1U	2.2U	2.7J*P	2.5U	2.5U
4,4-DDE	µg/kg	2.1U	2.2U	3U	0.52JP	2.5U
4,4-DDT	µg/kg	2.1U	2.2U	3U	2.5U	2.5U
Aldrin	µg/kg	2.1U	2.2U	3U	2.5U	2.5U
Alpha-BHC	µg/kg	2.1U	2.2U	3U	2.5U	2.5U
Alpha-Chlordane	µg/kg	2.1U	2.2U	3U	2.5U	2.5U
Beta-BHC	µg/kg	2.1U	2.2U	3U	2.5U	2.5U
Chlordane	µg/kg	43U	43U	59U	50U	50U
Delta-BHC	µg/kg	2.1U	2.2U	3U	2.5U	2.5U
Dieldrin	µg/kg	2.1U	2.2U	3U	2.5U	2.5U
Endosulfan I	µg/kg	2.1U	2.2U	3U	2.5U	2.5U
Endosulfan II	µg/kg	2.1U	2.2U	3U	2.5U	2.5U
Endosulfan Sulfate	µg/kg	2.1U	2.2U	3U	2.5U	2.5U
Endrin	µg/kg	2.1U	2.2U	3U	2.5U	2.5U
Endrin Aldehyde	µg/kg	2.1U	2.2U	3U	2.5U	2.5U
Endrin Ketone	µg/kg	2.1U	2.2U	3U	2.5U	2.5U
Gamma-BHC (Lindane)	µg/kg	2.1U	2.2U	3U	2.5U	2.5U
Gamma-Chlordane	µg/kg	2.1U	2.2U	3U	2.5U	2.5U
Heptachlor	µg/kg	2.1U	2.2U	3U	2.5U	2.5U
Heptachlor Epoxide	µg/kg	2.1U	2.2U	3U	2.5U	2.5U
Methoxychlor	µg/kg	2.1U	2.2U	3P	2.5U	2.5U
PCB-1016	µg/kg	43U	43U	59U	50U	50U
PCB-1221	µg/kg	43U	43U	59U	50U	50U
PCB-1242	µg/kg	43U	43U	59U	50U	50U
PCB-1248	µg/kg	43U	43U	59U	50U	50U
PCB-1254	µg/kg	43U	43U	59U	50U	50U
PCB-1260	µg/kg	43U	43U	59U	50U	50U
Toxaphene	µg/kg	43U	43U	59U	50U	50U

**Table H-13 Sediment Pesticides and PCBs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 151	FBQ 152	FBQ 153	FBQ 154	FBQ 155
Sample ID		FBQSD-151-0276-SD	FBQSD-152-0277-SD	FBQSD-153-0278-SD	FBQSD-154-0279-SD	FBQSD-155-0280-SD
Date Collected		10/21/2003	10/21/2003	10/21/2003	10/21/2003	10/21/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
4,4-DDD	µg/kg	2.4U	2.6U	0.53J	2.1U	3.2U
4,4-DDE	µg/kg	2.4U	2.6U	2.7U	2.1U	3.2U
4,4-DDT	µg/kg	2.4U	2.6U	2.7U	2.1U	3.2U
Aldrin	µg/kg	2.4U	2.6U	2.7U	2.1U	3.2U
Alpha-BHC	µg/kg	2.4U	2.6U	2.7U	2.1U	3.2U
Alpha-Chlordane	µg/kg	2.4U	2.6U	2.7U	2.1U	3.2U
Beta-BHC	µg/kg	2.4U	2.6U	2.7U	2.1U	3.2U
Chlordane	µg/kg	49U	51U	54U	43U	64U
Delta-BHC	µg/kg	2.4U	2.6U	2.7U	2.1U	3.2U
Dieldrin	µg/kg	2.4U	2.6U	0.88J	2.1U	3.2U
Endosulfan I	µg/kg	2.4U	2.6U	2.7U	2.1U	3.2U
Endosulfan II	µg/kg	2.4U	2.6U	2.7U	2.1U	3.2U
Endosulfan Sulfate	µg/kg	2.4U	2.6U	2.7U	2.1U	3.2U
Endrin	µg/kg	2.4U	2.6U	0.71J	2.1U	3.2U
Endrin Aldehyde	µg/kg	2.4U	2.6U	2.7U	2.1U	3.2U
Endrin Ketone	µg/kg	2.4U	2.6U	2.7U	2.1U	3.2U
Gamma-BHC (Lindane)	µg/kg	2.4U	2.6U	2.7U	2.1U	3.2U
Gamma-Chlordane	µg/kg	2.4U	2.6U	2.7U	2.1U	3.2U
Heptachlor	µg/kg	2.4U	2.6U	2.7U	2.1U	3.2U
Heptachlor Epoxide	µg/kg	2.4U	2.6U	2.7U	2.1U	3.2U
Methoxychlor	µg/kg	2.4U	2.6U	2.7U	2.1U	3.2U
PCB-1016	µg/kg	49U	51U	54U	43U	64U
PCB-1221	µg/kg	49U	51U	54U	43U	64U
PCB-1242	µg/kg	49U	51U	54U	43U	64U
PCB-1248	µg/kg	49U	51U	54U	43U	64U
PCB-1254	µg/kg	49U	51U	54U	43U	64U
PCB-1260	µg/kg	49U	51U	54U	43U	64U
Toxaphene	µg/kg	49U	51U	54U	43U	64U

**Table H-13 Sediment Pesticides and PCBs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 156	FBQ 157	FBQ 158	FBQ 159	FBQ 160
Sample ID		FBQSD-156-0281-SD	FBQSD-157-0282-SD	FBQSD-158-0283-SD	FBQSD-159-0284-SD	FBQSD-160-0285-SD
Date Collected		11/3/2003	10/21/2003	10/21/2003	11/6/2003	11/6/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
4,4-DDD	µg/kg	4.3U	2.3U	2.6U	1.5JP	2.5U
4,4-DDE	µg/kg	4.3U	2.3U	2.6U	2.4U	1.5J
4,4-DDT	µg/kg	4.3U	2.3U	2.6U	2.4U	2.5U
Aldrin	µg/kg	4.3U	2.3U	2.6U	2.4U	2.5U
Alpha-BHC	µg/kg	4.3U	2.3U	2.6U	2.4U	2.5U
Alpha-Chlordane	µg/kg	4.3U	2.3U	2.6U	2.4U	2.5U
Beta-BHC	µg/kg	4.3U	2.3U	2.6U	2.4U	2.5U
Chlordane	µg/kg	87U	46U	52U	49U	51U
Delta-BHC	µg/kg	4.3U	2.3U	2.6U	2.4U	2.5U
Dieldrin	µg/kg	4.3U	2.3U	2.6U	2.4U	2.5U
Endosulfan I	µg/kg	4.3U	2.3U	2.6U	2.4U	2.5U
Endosulfan II	µg/kg	4.3U	2.3U	2.6U	2.4U	2.5U
Endosulfan Sulfate	µg/kg	4.3U	2.3U	2.6U	2.4U	2.5U
Endrin	µg/kg	4.3U	2.3U	2.6U	2.4U	2.5U
Endrin Aldehyde	µg/kg	4.3U	2.3U	2.6U	2.4U	2.5U
Endrin Ketone	µg/kg	4.3U	2.3U	2.6U	2.4U	2.5U
Gamma-BHC (Lindane)	µg/kg	4.3U	2.3U	2.6U	2.4U	2.5U
Gamma-Chlordane	µg/kg	4.3U	2.3U	2.6U	2.4U	2.5U
Heptachlor	µg/kg	4.3U	2.3U	2.6U	2.4U	2.5U
Heptachlor Epoxide	µg/kg	4.3U	2.3U	2.6U	2.4U	2.5U
Methoxychlor	µg/kg	4.3U	2.3U	2.6U	2.4U	2.5U
PCB-1016	µg/kg	87U	46U	52U	49U	51U
PCB-1221	µg/kg	87U	46U	52U	49U	51U
PCB-1242	µg/kg	87U	46U	52U	49U	51U
PCB-1248	µg/kg	87U	46U	52U	49U	51U
PCB-1254	µg/kg	87U	46U	52U	49U	51U
PCB-1260	µg/kg	87U	46U	52U	49U	51U
Toxaphene	µg/kg	87U	46U	52U	49U	51U

**Table H-13 Sediment Pesticides and PCBs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 161	FBQ 162	FBQ 163	FBQ 164	FBQ 165
Sample ID		FBQSD-161-0286-SD	FBQSD-162-0287-SD	FBQSD-163-0288-SD	FBQSD-164-0289-SD	FBQSD-165-0290-SD
Date Collected		11/6/2003	11/6/2003	11/6/2003	11/6/2003	11/6/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Composite	Composite	Composite	Composite	Composite
Analyte	Units					
4,4-DDD	µg/kg	2.8U	2.3U	3U	2.7U	2.5U
4,4-DDE	µg/kg	2.8U	2.3U	3U	2.7U	0.66J
4,4-DDT	µg/kg	2.8U	2.3U	3U	2.7U	2.5U
Aldrin	µg/kg	2.8U	2.3U	3U	2.7U	2.5U
Alpha-BHC	µg/kg	2.8U	2.3U	3U	2.7U	2.5U
Alpha-Chlordane	µg/kg	2.8U	2.3U	3U	2.7U	2.5U
Beta-BHC	µg/kg	2.8U	2.3U	3U	2.7U	2.5U
Chlordane	µg/kg	56U	46U	59U	54U	50U
Delta-BHC	µg/kg	2.8U	2.3U	3U	2.7U	2.5U
Dieldrin	µg/kg	2.8U	2.3U	3U	2.7U	0.41J
Endosulfan I	µg/kg	2.8U	2.3U	3U	2.7U	2.5U
Endosulfan II	µg/kg	2.8U	2.3U	3U	2.7U	2.5U
Endosulfan Sulfate	µg/kg	2.8U	2.3U	3U	2.7U	2.5U
Endrin	µg/kg	2.8U	2.3U	3U	2.7U	2.5U
Endrin Aldehyde	µg/kg	2.8U	2.3U	3U	2.7U	1.8J
Endrin Ketone	µg/kg	2.8U	2.3U	3U	2.7U	2.5U
Gamma-BHC (Lindane)	µg/kg	2.8U	2.3U	3U	2.7U	2.5U
Gamma-Chlordane	µg/kg	2.8U	2.3U	3U	2.7U	2.5U
Heptachlor	µg/kg	2.8U	2.3U	3U	2.7U	2.5U
Heptachlor Epoxide	µg/kg	2.8U	2.3U	3U	2.7U	2.5U
Methoxychlor	µg/kg	2.8U	2.3U	3U	2.7U	1.1JP
PCB-1016	µg/kg	56U	46U	59U	54U	50U
PCB-1221	µg/kg	56U	46U	59U	54U	50U
PCB-1242	µg/kg	56U	46U	59U	54U	50U
PCB-1248	µg/kg	56U	46U	59U	54U	50U
PCB-1254	µg/kg	56U	46U	59U	54U	50U
PCB-1260	µg/kg	56U	46U	59U	54U	50U
Toxaphene	µg/kg	56U	46U	59U	54U	50U

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Station ID		FBQ 126	FBQ 127	FBQ 128	FBQ 129	FBQ 130
Sample ID		FBQSD-126-0251-SD	FBQSD-127-0252-SD	FBQSD-128-0253-SD	FBQSD-129-0254-SD	FBQSD-130-0255-SD
Date Collected		10/23/2003	10/23/2003	10/23/2003	11/5/2003	11/3/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,1- Biphenyl	µg/kg	840U	710U	510U	620U	880U
2,2-Oxybis(1-Chloroprop	µg/kg	840U	710U	510U	620U	880U
2,4,5-Trichlorophenol	µg/kg	840U	710U	510U	620U	880U
2,4,6-Trichlorophenol	µg/kg	840U	710U	510U	620U	880U
2,4-Dichlorophenol	µg/kg	840U	710U	510U	620U	880U
2,4-Dimethylphenol	µg/kg	840U	710U	510U	620U	880U
2,4-Dinitrophenol	µg/kg	1700U	1400U	1000U	1200U	1800U
2,4-Dinitrotoluene	µg/kg	840U	710U	510U	620U	880U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	840U	710U	510U	620U	880U
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2-Chloronaphthalene	µg/kg	840U	710U	510U	620U	880U
2-Chlorophenol	µg/kg	840U	710U	510U	620U	880U
2-Methylnaphthalene	µg/kg	840U	710U	510U	110J	880U
2-methylphenol	µg/kg	840U	710U	510U	620U	880U
2-Nitroaniline	µg/kg	840U	710U	510U	620U	880U
2-Nitrophenol	µg/kg	840U	710U	510U	620U	880U
3,3-Dichlorobenzidine	µg/kg	1700U	1400U	1000U	1200U	1800U
3-Nitroaniline	µg/kg	840U	710U	510U	620U	880U
4,6-dinitro-2-methyl pher	µg/kg	1700U	1400U	1000U	1200U	1800U
4-Bromophenyl-phenylet	µg/kg	840U	710U	510U	620U	880U
4-chloro-3-methylphenol	µg/kg	840U	710U	510U	620U	880U
4-Chloroaniline	µg/kg	840U	710U	510U	620U	880U
4-Chlorophenyl Phenyl E	µg/kg	840U	710U	510U	620U	880U
4-methylphenol	µg/kg	840U	710U	510U	620U	880U

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Station ID		FBQ 126	FBQ 127	FBQ 128	FBQ 129	FBQ 130
Sample ID		FBQSD-126-0251-SD	FBQSD-127-0252-SD	FBQSD-128-0253-SD	FBQSD-129-0254-SD	FBQSD-130-0255-SD
Date Collected		10/23/2003	10/23/2003	10/23/2003	11/5/2003	11/3/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
4-Nitroaniline	µg/kg	840U	710U	510U	620U	880U
4-Nitrophenol	µg/kg	1700U	1400U	1000U	1200U	1800U
Acenaphthene	µg/kg	840U	710U	510U	620U	880U
Acenaphthylene	µg/kg	840U	710U	510U	620U	880U
Acetophenone	µg/kg	840U	710U	510U	620U	880U
Anthracene	µg/kg	840U	710U	510U	620U	880U
Atrazine	µg/kg	840U	710U	510U	620U	880U
Benzaldehyde	µg/kg	840U	710U	510U	620U	880U
Benzo(a)anthracene	µg/kg	840U	710U	110J	96J	880U
Benzo(a)pyrene	µg/kg	840U	710U	77J	110J	100J
Benzo(b)fluoranthene	µg/kg	840U	710U	77J	160J	160J
Benzo(g,h,i)perylene	µg/kg	840U	710U	510U	620U	880U
Benzo(k)fluoranthene	µg/kg	840U	710U	510U	620U	880U
Benzyl Butyl Phthalate	µg/kg	840U	710U	510U	620U	880U
bis(2-chloroethoxy) meth	µg/kg	840U	710U	510U	620U	880U
bis(2-chloroethyl) ether	µg/kg	840U	710U	510U	620U	880U
bis(2-ethylhexyl) phthala	µg/kg	190JB	210JB	130JB	620U	880U
Caprolactam	µg/kg	840U	710U	510U	620U	880U
Carbazole	µg/kg	840U	710U	510U	620U	880U
Chrysene	µg/kg	840U	710U	85J	110J	110J
Dibenz(a,h)Anthracene	µg/kg	840U	710U	510U	620U	880U
Dibenzofuran	µg/kg	840U	710U	510U	620U	880U
Diethyl Phthalate	µg/kg	840U	710U	510U	620U	880U
Dimethyl Phthalate	µg/kg	840U	710U	510U	620U	880U
di-n-Butyl Phthalate	µg/kg	930B	290JB	160JB	620U	880U

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Station ID		FBQ 126	FBQ 127	FBQ 128	FBQ 129	FBQ 130
Sample ID		FBQSD-126-0251-SD	FBQSD-127-0252-SD	FBQSD-128-0253-SD	FBQSD-129-0254-SD	FBQSD-130-0255-SD
Date Collected		10/23/2003	10/23/2003	10/23/2003	11/5/2003	11/3/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
di-n-Octyl Phthalate	µg/kg	840U	710U	510U	620U	880U
Fluoranthene	µg/kg	840U	710U	140J	180J	170J
Fluorene	µg/kg	840U	710U	510U	620U	880U
Hexachlorobenzene	µg/kg	840U	710U	510U	620U	880U
Hexachlorobutadiene	µg/kg	840U	710U	510U	620U	880U
Hexachlorocyclopentadiene	µg/kg	840U	710U	510U	620U	880U
Hexachloroethane	µg/kg	840U	710U	510U	620U	880U
Indeno(1,2,3-c,d)Pyrene	µg/kg	840U	710U	510U	620U	880U
Isophorone	µg/kg	840U	710U	510U	620U	880U
Naphthalene	µg/kg	840U	710U	510U	83J	880U
Nitrobenzene	µg/kg	840U	710U	510U	620U	880U
Nitrobenzene	µg/kg	100U	100U	100U	100U	100U
n-Nitrosodi-n-Propylamine	µg/kg	840U	710U	510U	620U	880U
n-Nitrosodiphenylamine	µg/kg	840U	710U	510U	620U	880U
Pentachlorophenol	µg/kg	1700U	1400U	1000U	1200U	1800U
Phenanthrene	µg/kg	840U	710U	510U	140J	880U
Phenol	µg/kg	840U	710U	510U	620U	880U
Pyrene	µg/kg	840U	710U	120J	140J	200J

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Station ID		FBQ 131	FBQ 132	FBQ 133	FBQ 134	FBQ 135
Sample ID		FBQSD-131-0256-SD	FBQSD-132-0257-SD	FBQSD-133-0258-SD	FBQSD-134-0259-SD	FBQSD-135-0260-SD
Date Collected		11/3/2003	11/3/2003	11/5/2003	11/5/2003	11/5/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,1- Biphenyl	µg/kg	650U	640U	560U	470U	500U
2,2-Oxybis(1-Chloroprop	µg/kg	650U	640U	560U	470U	500U
2,4,5-Trichlorophenol	µg/kg	650U	640U	560U	470U	500U
2,4,6-Trichlorophenol	µg/kg	650U	640U	560U	470U	500U
2,4-Dichlorophenol	µg/kg	650U	640U	560U	470U	500U
2,4-Dimethylphenol	µg/kg	650U	640U	560U	470U	500U
2,4-Dinitrophenol	µg/kg	1300U	1300U	1100U	940U	1000U
2,4-Dinitrotoluene	µg/kg	650U	640U	560U	470U	500U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	650U	640U	560U	470U	500U
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2-Chloronaphthalene	µg/kg	650U	640U	560U	470U	500U
2-Chlorophenol	µg/kg	650U	640U	560U	470U	500U
2-Methylnaphthalene	µg/kg	650U	640U	560U	470U	500U
2-methylphenol	µg/kg	650U	640U	560U	470U	500U
2-Nitroaniline	µg/kg	650U	640U	560U	470U	500U
2-Nitrophenol	µg/kg	650U	640U	560U	470U	500U
3,3-Dichlorobenzidine	µg/kg	1300U	1300U	1100U	940U	1000U
3-Nitroaniline	µg/kg	650U	640U	560U	470U	500U
4,6-dinitro-2-methyl pher	µg/kg	1300U	1300U	1100U	940U	1000U
4-Bromophenyl-phenylet	µg/kg	650U	640U	560U	470U	500U
4-chloro-3-methylphenol	µg/kg	650U	640U	560U	470U	500U
4-Chloroaniline	µg/kg	650U	640U	560U	470U	500U
4-Chlorophenyl Phenyl E	µg/kg	650U	640U	560U	470U	500U
4-methylphenol	µg/kg	650U	640U	510J	470U	500U



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Station ID		FBQ 131	FBQ 132	FBQ 133	FBQ 134	FBQ 135
Sample ID		FBQSD-131-0256-SD	FBQSD-132-0257-SD	FBQSD-133-0258-SD	FBQSD-134-0259-SD	FBQSD-135-0260-SD
Date Collected		11/3/2003	11/3/2003	11/5/2003	11/5/2003	11/5/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
4-Nitroaniline	µg/kg	650U	640U	560U	470U	500U
4-Nitrophenol	µg/kg	1300U	1300U	1100U	940U	1000U
Acenaphthene	µg/kg	650U	640U	560U	470U	500U
Acenaphthylene	µg/kg	650U	640U	560U	470U	500U
Acetophenone	µg/kg	650U	640U	560U	470U	500U
Anthracene	µg/kg	650U	640U	560U	470U	500U
Atrazine	µg/kg	650U	640U	560U	470U	500U
Benzaldehyde	µg/kg	650U	640U	560U	470U	500U
Benzo(a)anthracene	µg/kg	120J	640U	560U	470U	500U
Benzo(a)pyrene	µg/kg	100J	78J	560U	470U	54J
Benzo(b)fluoranthene	µg/kg	150J	120J	560U	470U	100J
Benzo(g,h,i)perylene	µg/kg	650U	640U	560U	470U	500U
Benzo(k)fluoranthene	µg/kg	650U	640U	560U	470U	500U
Benzyl Butyl Phthalate	µg/kg	650U	640U	560U	470U	500U
bis(2-chloroethoxy) meth	µg/kg	650U	640U	560U	470U	500U
bis(2-chloroethyl) ether	µg/kg	650U	640U	560U	470U	500U
bis(2-ethylhexyl) phthala	µg/kg	76J	640U	110JB	470U	500U
Caprolactam	µg/kg	650U	640U	560U	470U	500U
Carbazole	µg/kg	650U	640U	560U	470U	500U
Chrysene	µg/kg	100J	80J	560U	470U	63J
Dibenz(a,h)Anthracene	µg/kg	650U	640U	560U	470U	500U
Dibenzofuran	µg/kg	650U	640U	560U	470U	500U
Diethyl Phthalate	µg/kg	650U	640U	560U	470U	500U
Dimethyl Phthalate	µg/kg	650U	640U	560U	470U	500U
di-n-Butyl Phthalate	µg/kg	650U	640U	560U	470U	500U

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Station ID		FBQ 131	FBQ 132	FBQ 133	FBQ 134	FBQ 135
Sample ID		FBQSD-131-0256-SD	FBQSD-132-0257-SD	FBQSD-133-0258-SD	FBQSD-134-0259-SD	FBQSD-135-0260-SD
Date Collected		11/3/2003	11/3/2003	11/5/2003	11/5/2003	11/5/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
di-n-Octyl Phthalate	µg/kg	650U	640U	560U	470U	500U
Fluoranthene	µg/kg	190J	140J	560U	470U	120J
Fluorene	µg/kg	650U	640U	560U	470U	500U
Hexachlorobenzene	µg/kg	650U	640U	560U	470U	500U
Hexachlorobutadiene	µg/kg	650U	640U	560U	470U	500U
Hexachlorocyclopentadiene	µg/kg	650U	640U	560U	470U	500U
Hexachloroethane	µg/kg	650U	640U	560U	470U	500U
Indeno(1,2,3-c,d)Pyrene	µg/kg	66J	640U	560U	470U	500U
Isophorone	µg/kg	650U	640U	560U	470U	500U
Naphthalene	µg/kg	650U	640U	560U	470U	500U
Nitrobenzene	µg/kg	650U	640U	560U	470U	500U
Nitrobenzene	µg/kg	100U	100U	100U	100U	100U
n-Nitrosodi-n-Propylamine	µg/kg	650U	640U	560U	470U	500U
n-Nitrosodiphenylamine	µg/kg	650U	640U	560U	470U	500U
Pentachlorophenol	µg/kg	1300U	1300U	1100U	940U	1000U
Phenanthrene	µg/kg	120J	640U	560U	470U	500U
Phenol	µg/kg	650U	640U	560U	470U	500U
Pyrene	µg/kg	200J	150J	560U	470U	500U

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Station ID		FBQ 136	FBQ 137	FBQ 138	FBQ 139	FBQ 140
Sample ID		FBQSD-136-0261-SD	FBQSD-137-0262-SD	FBQSD-138-0263-SD	FBQSD-139-0264-SD	FBQSD-140-0265-SD
Date Collected		11/6/2003	11/5/2003	11/5/2003	11/6/2003	11/6/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,1- Biphenyl	µg/kg	480U	560U	500U	520U	630U
2,2-Oxybis(1-Chloroprop	µg/kg	480U	560U	500U	520U	630U
2,4,5-Trichlorophenol	µg/kg	480U	560U	500U	520U	630U
2,4,6-Trichlorophenol	µg/kg	480U	560U	500U	520U	630U
2,4-Dichlorophenol	µg/kg	480U	560U	500U	520U	630U
2,4-Dimethylphenol	µg/kg	480U	560U	500U	520U	630U
2,4-Dinitrophenol	µg/kg	960U	1100U	1000U	1000U	1300U
2,4-Dinitrotoluene	µg/kg	480U	560U	500U	520U	630U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	480U	560U	500U	520U	630U
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	85J	100U
2-Chloronaphthalene	µg/kg	480U	560U	500U	520U	630U
2-Chlorophenol	µg/kg	480U	560U	500U	520U	630U
2-Methylnaphthalene	µg/kg	480U	560U	500U	520U	630U
2-methylphenol	µg/kg	480U	560U	500U	520U	630U
2-Nitroaniline	µg/kg	480U	560U	500U	520U	630U
2-Nitrophenol	µg/kg	480U	560U	500U	520U	630U
3,3-Dichlorobenzidine	µg/kg	960U	1100U	1000U	1000U	1300U
3-Nitroaniline	µg/kg	480U	560U	500U	520U	630U
4,6-dinitro-2-methyl pher	µg/kg	960U	1100U	1000U	1000U	1300U
4-Bromophenyl-phenylet	µg/kg	480U	560U	500U	520U	630U
4-chloro-3-methylphenol	µg/kg	480U	560U	500U	520U	630U
4-Chloroaniline	µg/kg	480U	560U	500U	520U	630U
4-Chlorophenyl Phenyl E	µg/kg	480U	560U	500U	520U	630U
4-methylphenol	µg/kg	480U	260J	500U	520U	630U

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Station ID		FBQ 136	FBQ 137	FBQ 138	FBQ 139	FBQ 140
Sample ID		FBQSD-136-0261-SD	FBQSD-137-0262-SD	FBQSD-138-0263-SD	FBQSD-139-0264-SD	FBQSD-140-0265-SD
Date Collected		11/6/2003	11/5/2003	11/5/2003	11/6/2003	11/6/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
4-Nitroaniline	µg/kg	480U	560U	500U	520U	630U
4-Nitrophenol	µg/kg	960U	1100U	1000U	1000U	1300U
Acenaphthene	µg/kg	480U	560U	500U	520U	630U
Acenaphthylene	µg/kg	480U	560U	500U	520U	630U
Acetophenone	µg/kg	480U	560U	500U	520U	630U
Anthracene	µg/kg	480U	560U	500U	520U	630U
Atrazine	µg/kg	480U	560U	500U	520U	630U
Benzaldehyde	µg/kg	480U	560U	500U	520U	630U
Benzo(a)anthracene	µg/kg	480U	83J	74J	520U	630U
Benzo(a)pyrene	µg/kg	480U	63J	72J	520U	630U
Benzo(b)fluoranthene	µg/kg	480U	83J	120J	520U	630U
Benzo(g,h,i)perylene	µg/kg	480U	560U	500U	520U	630U
Benzo(k)fluoranthene	µg/kg	480U	560U	500U	520U	630U
Benzyl Butyl Phthalate	µg/kg	480U	560U	500U	520U	630U
bis(2-chloroethoxy) meth	µg/kg	480U	560U	500U	520U	630U
bis(2-chloroethyl) ether	µg/kg	480U	560U	500U	520U	630U
bis(2-ethylhexyl) phthala	µg/kg	480U	160JB	500U	61J	630U
Caprolactam	µg/kg	480U	560U	500U	520U	630U
Carbazole	µg/kg	480U	560U	500U	520U	630U
Chrysene	µg/kg	480U	61J	81J	520U	630U
Dibenz(a,h)Anthracene	µg/kg	480U	560U	500U	520U	630U
Dibenzofuran	µg/kg	480U	560U	500U	520U	630U
Diethyl Phthalate	µg/kg	480U	560U	500U	520U	630U
Dimethyl Phthalate	µg/kg	480U	560U	500U	520U	630U
di-n-Butyl Phthalate	µg/kg	480U	560U	500U	520U	630U

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Station ID		FBQ 136	FBQ 137	FBQ 138	FBQ 139	FBQ 140
Sample ID		FBQSD-136-0261-SD	FBQSD-137-0262-SD	FBQSD-138-0263-SD	FBQSD-139-0264-SD	FBQSD-140-0265-SD
Date Collected		11/6/2003	11/5/2003	11/5/2003	11/6/2003	11/6/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
di-n-Octyl Phthalate	µg/kg	480U	560U	500U	520U	630U
Fluoranthene	µg/kg	73J	150J	180J	520U	630U
Fluorene	µg/kg	480U	560U	500U	520U	630U
Hexachlorobenzene	µg/kg	480U	560U	500U	520U	630U
Hexachlorobutadiene	µg/kg	480U	560U	500U	520U	630U
Hexachlorocyclopentadiene	µg/kg	480U	560U	500U	520U	630U
Hexachloroethane	µg/kg	480U	560U	500U	520U	630U
Indeno(1,2,3-c,d)Pyrene	µg/kg	480U	560U	500U	520U	630U
Isophorone	µg/kg	480U	560U	500U	520U	630U
Naphthalene	µg/kg	480U	560U	500U	520U	630U
Nitrobenzene	µg/kg	480U	560U	500U	520U	630U
Nitrobenzene	µg/kg	100U	100U	100U	100U	100U
n-Nitrosodi-n-Propylamine	µg/kg	480U	560U	500U	520U	630U
n-Nitrosodiphenylamine	µg/kg	480U	560U	500U	520U	630U
Pentachlorophenol	µg/kg	960U	1100U	1000U	1000U	1300U
Phenanthrene	µg/kg	480U	110J	97J	520U	630U
Phenol	µg/kg	480U	560U	500U	520U	630U
Pyrene	µg/kg	480U	110J	130J	520U	630U

**Table H-14 Sediment SVOCs Analytical Results Summary Table**  
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Station ID		FBQ 141	FBQ 142	FBQ 143	FBQ 144	FBQ 145
Sample ID		FBQSD-141-0266-SD	FBQSD-142-0267-SD	FBQSD-143-0268-SD	FBQSD-144-0269-SD	FBQSD-145-0270-SD
Date Collected		11/6/2003	11/6/2003	11/6/2003	10/21/2003	10/21/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,1- Biphenyl	µg/kg	1500U	640U	810U	740U	470U
2,2-Oxybis(1-Chloroprop	µg/kg	1500U	640U	810U	740U	470U
2,4,5-Trichlorophenol	µg/kg	1500U	640U	810U	740U	470U
2,4,6-Trichlorophenol	µg/kg	1500U	640U	810U	740U	470U
2,4-Dichlorophenol	µg/kg	1500U	640U	810U	740U	470U
2,4-Dimethylphenol	µg/kg	1500U	640U	810U	740U	470U
2,4-Dinitrophenol	µg/kg	3000U	1300U	1600U	1500U	940U
2,4-Dinitrotoluene	µg/kg	1500U	640U	810U	740U	470U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	1500U	640U	810U	740U	470U
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2-Chloronaphthalene	µg/kg	1500U	640U	810U	740U	470U
2-Chlorophenol	µg/kg	1500U	640U	810U	740U	470U
2-Methylnaphthalene	µg/kg	1600	640U	810U	740U	470U
2-methylphenol	µg/kg	1500U	640U	810U	740U	470U
2-Nitroaniline	µg/kg	1500U	640U	810U	740U	470U
2-Nitrophenol	µg/kg	1500U	640U	810U	740U	470U
3,3-Dichlorobenzidine	µg/kg	3000U	1300U	1600U	1500U	940U
3-Nitroaniline	µg/kg	1500U	640U	810U	740U	470U
4,6-dinitro-2-methyl pher	µg/kg	3000U	1300U	1600U	1500U	940U
4-Bromophenyl-phenylet	µg/kg	1500U	640U	810U	740U	470U
4-chloro-3-methylphenol	µg/kg	1500U	640U	810U	740U	470U
4-Chloroaniline	µg/kg	1500U	640U	810U	740U	470U
4-Chlorophenyl Phenyl E	µg/kg	1500U	640U	810U	740U	470U
4-methylphenol	µg/kg	1500U	640U	810U	740U	470U

**Table H-14 Sediment SVOCs Analytical Results Summary Table**  
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Station ID		FBQ 141	FBQ 142	FBQ 143	FBQ 144	FBQ 145
Sample ID		FBQSD-141-0266-SD	FBQSD-142-0267-SD	FBQSD-143-0268-SD	FBQSD-144-0269-SD	FBQSD-145-0270-SD
Date Collected		11/6/2003	11/6/2003	11/6/2003	10/21/2003	10/21/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
4-Nitroaniline	µg/kg	1500U	640U	810U	740U	470U
4-Nitrophenol	µg/kg	3000U	1300U	1600U	1500U	940U
Acenaphthene	µg/kg	1500U	640U	810U	740U	470U
Acenaphthylene	µg/kg	1500U	640U	810U	740U	470U
Acetophenone	µg/kg	1500U	640U	810U	740U	470U
Anthracene	µg/kg	1500U	640U	810U	740U	102
Atrazine	µg/kg	1500U	640U	810U	740U	108
Benzaldehyde	µg/kg	1500U	640U	810U	740U	470U
Benzo(a)anthracene	µg/kg	340J	640U	810U	740U	81
Benzo(a)pyrene	µg/kg	300J	640U	810U	740U	98
Benzo(b)fluoranthene	µg/kg	380J	640U	810U	740U	78
Benzo(g,h,i)perylene	µg/kg	1500U	640U	810U	740U	94
Benzo(k)fluoranthene	µg/kg	1500U	640U	810U	740U	112
Benzyl Butyl Phthalate	µg/kg	1500U	640U	810U	740U	470U
bis(2-chloroethoxy) meth	µg/kg	1500U	640U	810U	740U	470U
bis(2-chloroethyl) ether	µg/kg	1500U	640U	810U	740U	122
bis(2-ethylhexyl) phthala	µg/kg	1500U	640U	810U	140JB	129
Caprolactam	µg/kg	1500U	640U	810U	740U	122
Carbazole	µg/kg	1500U	640U	810U	740U	129
Chrysene	µg/kg	320J	640U	810U	740U	470U
Dibenz(a,h)Anthracene	µg/kg	1500U	640U	810U	740U	75
Dibenzofuran	µg/kg	430J	640U	810U	740U	81
Diethyl Phthalate	µg/kg	1500U	640U	810U	740U	113
Dimethyl Phthalate	µg/kg	1500U	640U	810U	740U	470U
di-n-Butyl Phthalate	µg/kg	1500U	640U	810U	1300B	89

**Table H-14 Sediment SVOCs Analytical Results Summary Table  
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Station ID		FBQ 141	FBQ 142	FBQ 143	FBQ 144	FBQ 145
Sample ID		FBQSD-141-0266-SD	FBQSD-142-0267-SD	FBQSD-143-0268-SD	FBQSD-144-0269-SD	FBQSD-145-0270-SD
Date Collected		11/6/2003	11/6/2003	11/6/2003	10/21/2003	10/21/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
di-n-Octyl Phthalate	µg/kg	1500U	640U	810U	740U	91
Fluoranthene	µg/kg	590J	640U	810U	740U	98
Fluorene	µg/kg	1500U	640U	810U	740U	99
Hexachlorobenzene	µg/kg	1500U	640U	810U	740U	98
Hexachlorobutadiene	µg/kg	1500U	640U	810U	740U	470U
Hexachlorocyclopentadiene	µg/kg	1500U	640U	810U	740U	470U
Hexachloroethane	µg/kg	1500U	640U	810U	740U	470U
Indeno(1,2,3-c,d)Pyrene	µg/kg	150J	640U	810U	740U	470U
Isophorone	µg/kg	1500U	640U	810U	740U	470U
Naphthalene	µg/kg	970J	640U	810U	740U	470U
Nitrobenzene	µg/kg	1500U	640U	810U	740U	470U
Nitrobenzene	µg/kg	71J	100U	44JB	110	470U
n-Nitrosodi-n-Propylamine	µg/kg	1500U	640U	810U	740U	470U
n-Nitrosodiphenylamine	µg/kg	1500U	640U	810U	740U	470U
Pentachlorophenol	µg/kg	3000U	1300U	1600U	1500U	470U
Phenanthrene	µg/kg	960J	640U	810U	740U	470U
Phenol	µg/kg	1500U	640U	810U	740U	470U
Pyrene	µg/kg	470J	640U	810U	740U	470U



**Table H-14 Sediment SVOCs Analytical Results Summary Table**  
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Station ID		FBQ 146	FBQ 147	FBQ 148	FBQ 149	FBQ 150
Sample ID		FBQSD-146-0271-SD	FBQSD-147-0272-SD	FBQSD-148-0273-SD	FBQSD-149-0274-SD	FBQSD-150-0275-SD
Date Collected		11/3/2003	10/21/2003	10/21/2003	10/21/2003	10/21/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,1- Biphenyl	µg/kg	430U	430U	590U	500U	500U
2,2-Oxybis(1-Chloroprop	µg/kg	430U	430U	590U	500U	500U
2,4,5-Trichlorophenol	µg/kg	430U	430U	590U	500U	500U
2,4,6-Trichlorophenol	µg/kg	430U	430U	590U	500U	500U
2,4-Dichlorophenol	µg/kg	430U	430U	590U	500U	500U
2,4-Dimethylphenol	µg/kg	430U	430U	590U	500U	500U
2,4-Dinitrophenol	µg/kg	860U	870U	1200U	1000U	1000U
2,4-Dinitrotoluene	µg/kg	430U	430U	590U	500U	500U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	430U	430U	590U	500U	500U
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2-Chloronaphthalene	µg/kg	430U	430U	590U	500U	500U
2-Chlorophenol	µg/kg	430U	430U	590U	500U	500U
2-Methylnaphthalene	µg/kg	32J	430U	51J	500U	500U
2-methylphenol	µg/kg	430U	430U	590U	500U	500U
2-Nitroaniline	µg/kg	430U	430U	590U	500U	500U
2-Nitrophenol	µg/kg	430U	430U	590U	500U	500U
3,3-Dichlorobenzidine	µg/kg	860U	870U	1200U	1000U	1000U
3-Nitroaniline	µg/kg	430U	430U	590U	500U	500U
4,6-dinitro-2-methyl pher	µg/kg	860U	870U	1200U	1000U	1000U
4-Bromophenyl-phenylet	µg/kg	430U	430U	590U	500U	500U
4-chloro-3-methylphenol	µg/kg	430U	430U	590U	500U	500U
4-Chloroaniline	µg/kg	430U	430U	590U	500U	500U
4-Chlorophenyl Phenyl E	µg/kg	430U	430U	590U	500U	500U
4-methylphenol	µg/kg	430U	430U	590U	500U	500U

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Station ID		FBQ 146	FBQ 147	FBQ 148	FBQ 149	FBQ 150
Sample ID		FBQSD-146-0271-SD	FBQSD-147-0272-SD	FBQSD-148-0273-SD	FBQSD-149-0274-SD	FBQSD-150-0275-SD
Date Collected		11/3/2003	10/21/2003	10/21/2003	10/21/2003	10/21/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
4-Nitroaniline	µg/kg	430U	430U	590U	500U	500U
4-Nitrophenol	µg/kg	860U	870U	1200U	1000U	1000U
Acenaphthene	µg/kg	430U	430U	590U	500U	500U
Acenaphthylene	µg/kg	430U	430U	590U	500U	500U
Acetophenone	µg/kg	430U	430U	590U	500U	500U
Anthracene	µg/kg	430U	430U	230J	500U	500U
Atrazine	µg/kg	430U	430U	590U	500U	500U
Benzaldehyde	µg/kg	430U	430U	590U	500U	500U
Benzo(a)anthracene	µg/kg	150J	430U	2100	500U	500U
Benzo(a)pyrene	µg/kg	200J	430U	2000	500U	500U
Benzo(b)fluoranthene	µg/kg	210J	430U	2300	500U	500U
Benzo(g,h,i)perylene	µg/kg	210J	430U	1200	500U	500U
Benzo(k)fluoranthene	µg/kg	430U	430U	950	500U	500U
Benzyl Butyl Phthalate	µg/kg	430U	430U	590U	500U	500U
bis(2-chloroethoxy) meth	µg/kg	430U	430U	590U	500U	500U
bis(2-chloroethyl) ether	µg/kg	430U	430U	590U	500U	500U
bis(2-ethylhexyl) phthala	µg/kg	77J	430U	170JB	130JB	100JB
Caprolactam	µg/kg	430U	430U	590U	500U	500U
Carbazole	µg/kg	430U	430U	110J	500U	500U
Chrysene	µg/kg	160J	430U	1300	500U	500U
Dibenz(a,h)Anthracene	µg/kg	430U	430U	590U	500U	500U
Dibenzofuran	µg/kg	430U	430U	590U	500U	500U
Diethyl Phthalate	µg/kg	430U	430U	590U	500U	500U
Dimethyl Phthalate	µg/kg	430U	430U	590U	500U	500U
di-n-Butyl Phthalate	µg/kg	430U	430U	300JB	810B	3100B

**Table H-14 Sediment SVOCs Analytical Results Summary Table  
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Station ID		FBQ 146	FBQ 147	FBQ 148	FBQ 149	FBQ 150
Sample ID		FBQSD-146-0271-SD	FBQSD-147-0272-SD	FBQSD-148-0273-SD	FBQSD-149-0274-SD	FBQSD-150-0275-SD
Date Collected		11/3/2003	10/21/2003	10/21/2003	10/21/2003	10/21/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
di-n-Octyl Phthalate	µg/kg	430U	430U	590U	500U	500U
Fluoranthene	µg/kg	200J	430U	3200	500U	500U
Fluorene	µg/kg	430U	430U	590U	500U	500U
Hexachlorobenzene	µg/kg	430U	430U	590U	500U	500U
Hexachlorobutadiene	µg/kg	430U	430U	590U	500U	500U
Hexachlorocyclopentadiene	µg/kg	430U	430U	590U	500U	500U
Hexachloroethane	µg/kg	430U	430U	590U	500U	500U
Indeno(1,2,3-c,d)Pyrene	µg/kg	110J	430U	1000	500U	500U
Isophorone	µg/kg	430U	430U	590U	500U	500U
Naphthalene	µg/kg	430U	430U	120J	500U	500U
Nitrobenzene	µg/kg	430U	430U	590U	500U	500U
Nitrobenzene	µg/kg	100U	100U	100U	57J	100U
n-Nitrosodi-n-Propylamine	µg/kg	430U	430U	590U	500U	500U
n-Nitrosodiphenylamine	µg/kg	430U	430U	590U	500U	500U
Pentachlorophenol	µg/kg	860U	870U	1200U	1000U	1000U
Phenanthrene	µg/kg	130J	430U	680	500U	500U
Phenol	µg/kg	430U	430U	590U	500U	500U
Pyrene	µg/kg	350J	430U	2300	500U	500U

**Table H-14 Sediment SVOCs Analytical Results Summary Table**  
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Station ID		FBQ 151	FBQ 152	FBQ 153	FBQ 154	FBQ 155
Sample ID		FBQSD-151-0276-SD	FBQSD-152-0277-SD	FBQSD-153-0278-SD	FBQSD-154-0279-SD	FBQSD-155-0280-SD
Date Collected		10/21/2003	10/21/2003	10/21/2003	10/21/2003	10/21/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,1- Biphenyl	µg/kg	490U	510U	540U	430U	640U
2,2-Oxybis(1-Chloroprop	µg/kg	490U	510U	540U	430U	640U
2,4,5-Trichlorophenol	µg/kg	490U	510U	540U	430U	640U
2,4,6-Trichlorophenol	µg/kg	490U	510U	540U	430U	640U
2,4-Dichlorophenol	µg/kg	490U	510U	540U	430U	640U
2,4-Dimethylphenol	µg/kg	490U	510U	540U	430U	640U
2,4-Dinitrophenol	µg/kg	970U	1000U	1100U	860U	1300U
2,4-Dinitrotoluene	µg/kg	490U	510U	540U	430U	640U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	490U	510U	540U	430U	640U
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2-Chloronaphthalene	µg/kg	490U	510U	540U	430U	640U
2-Chlorophenol	µg/kg	490U	510U	540U	430U	640U
2-Methylnaphthalene	µg/kg	490U	510U	540U	430U	640U
2-methylphenol	µg/kg	490U	510U	540U	430U	640U
2-Nitroaniline	µg/kg	490U	510U	540U	430U	640U
2-Nitrophenol	µg/kg	490U	510U	540U	430U	640U
3,3-Dichlorobenzidine	µg/kg	970U	1000U	1100U	860U	1300U
3-Nitroaniline	µg/kg	490U	510U	540U	430U	640U
4,6-dinitro-2-methyl pher	µg/kg	970U	1000U	1100U	860U	1300U
4-Bromophenyl-phenylet	µg/kg	490U	510U	540U	430U	640U
4-chloro-3-methylphenol	µg/kg	490U	510U	540U	430U	640U
4-Chloroaniline	µg/kg	490U	510U	540U	430U	640U
4-Chlorophenyl Phenyl E	µg/kg	490U	510U	540U	430U	640U
4-methylphenol	µg/kg	490U	510U	540U	430U	640U

**Table H-14 Sediment SVOCs Analytical Results Summary Table**  
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Station ID		FBQ 151	FBQ 152	FBQ 153	FBQ 154	FBQ 155
Sample ID		FBQSD-151-0276-SD	FBQSD-152-0277-SD	FBQSD-153-0278-SD	FBQSD-154-0279-SD	FBQSD-155-0280-SD
Date Collected		10/21/2003	10/21/2003	10/21/2003	10/21/2003	10/21/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
4-Nitroaniline	µg/kg	490U	510U	540U	430U	640U
4-Nitrophenol	µg/kg	970U	1000U	1100U	860U	1300U
Acenaphthene	µg/kg	490U	510U	540U	430U	640U
Acenaphthylene	µg/kg	490U	510U	540U	430U	640U
Acetophenone	µg/kg	490U	510U	540U	430U	640U
Anthracene	µg/kg	490U	510U	540U	430U	640U
Atrazine	µg/kg	490U	510U	540U	430U	640U
Benzaldehyde	µg/kg	490U	510U	540U	430U	640U
Benzo(a)anthracene	µg/kg	490U	510U	540U	430U	110J
Benzo(a)pyrene	µg/kg	490U	510U	540U	430U	86J
Benzo(b)fluoranthene	µg/kg	490U	510U	540U	430U	120J
Benzo(g,h,i)perylene	µg/kg	490U	510U	540U	430U	640U
Benzo(k)fluoranthene	µg/kg	490U	510U	540U	430U	640U
Benzyl Butyl Phthalate	µg/kg	490U	510U	540U	430U	640U
bis(2-chloroethoxy) meth	µg/kg	490U	510U	540U	430U	640U
bis(2-chloroethyl) ether	µg/kg	490U	510U	540U	430U	640U
bis(2-ethylhexyl) phthala	µg/kg	140JB	110JB	120JB	290JB	220JB
Caprolactam	µg/kg	490U	510U	540U	430U	640U
Carbazole	µg/kg	490U	510U	540U	430U	640U
Chrysene	µg/kg	490U	510U	540U	430U	79J
Dibenz(a,h)Anthracene	µg/kg	490U	510U	540U	430U	640U
Dibenzofuran	µg/kg	490U	510U	540U	430U	640U
Diethyl Phthalate	µg/kg	490U	510U	540U	430U	640U
Dimethyl Phthalate	µg/kg	490U	510U	540U	430U	640U
di-n-Butyl Phthalate	µg/kg	16000EB	1300B	190JB	810B	800B

**Table H-14 Sediment SVOCs Analytical Results Summary Table  
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Station ID		FBQ 151	FBQ 152	FBQ 153	FBQ 154	FBQ 155
Sample ID		FBQSD-151-0276-SD	FBQSD-152-0277-SD	FBQSD-153-0278-SD	FBQSD-154-0279-SD	FBQSD-155-0280-SD
Date Collected		10/21/2003	10/21/2003	10/21/2003	10/21/2003	10/21/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
di-n-Octyl Phthalate	µg/kg	490U	510U	540U	430U	640U
Fluoranthene	µg/kg	490U	510U	540U	430U	150J
Fluorene	µg/kg	490U	510U	540U	430U	640U
Hexachlorobenzene	µg/kg	490U	510U	540U	430U	640U
Hexachlorobutadiene	µg/kg	490U	510U	540U	430U	640U
Hexachlorocyclopentadiene	µg/kg	490U	510U	540U	430U	640U
Hexachloroethane	µg/kg	490U	510U	540U	430U	640U
Indeno(1,2,3-c,d)Pyrene	µg/kg	490U	510U	540U	430U	640U
Isophorone	µg/kg	490U	510U	540U	430U	640U
Naphthalene	µg/kg	490U	510U	540U	430U	640U
Nitrobenzene	µg/kg	490U	510U	540U	430U	640U
Nitrobenzene	µg/kg	100U	100U	100U	65J	100U
n-Nitrosodi-n-Propylamine	µg/kg	490U	510U	540U	430U	640U
n-Nitrosodiphenylamine	µg/kg	490U	510U	540U	430U	640U
Pentachlorophenol	µg/kg	970U	1000U	1100U	860U	1300U
Phenanthrene	µg/kg	490U	510U	540U	430U	92J
Phenol	µg/kg	490U	510U	540U	430U	640U
Pyrene	µg/kg	490U	510U	540U	430U	120J

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Station ID		FBQ 156	FBQ 157	FBQ 158	FBQ 159	FBQ 160
Sample ID		FBQSD-156-0281-SD	FBQSD-157-0282-SD	FBQSD-158-0283-SD	FBQSD-159-0284-SD	FBQSD-160-0285-SD
Date Collected		11/3/2003	10/21/2003	10/21/2003	11/6/2003	11/6/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,1- Biphenyl	µg/kg	870U	460U	520U	490U	510U
2,2-Oxybis(1-Chloroprop	µg/kg	870U	460U	520U	490U	510U
2,4,5-Trichlorophenol	µg/kg	870U	460U	520U	490U	510U
2,4,6-Trichlorophenol	µg/kg	870U	460U	520U	490U	510U
2,4-Dichlorophenol	µg/kg	870U	460U	520U	490U	510U
2,4-Dimethylphenol	µg/kg	870U	460U	520U	490U	510U
2,4-Dinitrophenol	µg/kg	1700U	910U	1000U	970U	1000U
2,4-Dinitrotoluene	µg/kg	870U	460U	520U	490U	510U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	870U	460U	520U	490U	510U
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2-Chloronaphthalene	µg/kg	870U	460U	520U	490U	510U
2-Chlorophenol	µg/kg	870U	460U	520U	490U	510U
2-Methylnaphthalene	µg/kg	870U	460U	520U	490U	510U
2-methylphenol	µg/kg	870U	460U	520U	490U	510U
2-Nitroaniline	µg/kg	870U	460U	520U	490U	510U
2-Nitrophenol	µg/kg	870U	460U	520U	490U	510U
3,3-Dichlorobenzidine	µg/kg	1700U	910U	1000U	970U	1000U
3-Nitroaniline	µg/kg	870U	460U	520U	490U	510U
4,6-dinitro-2-methyl pher	µg/kg	1700U	910U	1000U	970U	1000U
4-Bromophenyl-phenylet	µg/kg	870U	460U	520U	490U	510U
4-chloro-3-methylphenol	µg/kg	870U	460U	520U	490U	510U
4-Chloroaniline	µg/kg	870U	460U	520U	490U	510U
4-Chlorophenyl Phenyl E	µg/kg	870U	460U	520U	490U	510U
4-methylphenol	µg/kg	870U	460U	520U	490U	510U

**Table H-14 Sediment SVOCs Analytical Results Summary Table**  
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Station ID		FBQ 156	FBQ 157	FBQ 158	FBQ 159	FBQ 160
Sample ID		FBQSD-156-0281-SD	FBQSD-157-0282-SD	FBQSD-158-0283-SD	FBQSD-159-0284-SD	FBQSD-160-0285-SD
Date Collected		11/3/2003	10/21/2003	10/21/2003	11/6/2003	11/6/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
4-Nitroaniline	µg/kg	870U	460U	520U	490U	510U
4-Nitrophenol	µg/kg	1700U	910U	1000U	970U	1000U
Acenaphthene	µg/kg	870U	460U	520U	490U	510U
Acenaphthylene	µg/kg	870U	460U	520U	490U	510U
Acetophenone	µg/kg	870U	460U	520U	490U	510U
Anthracene	µg/kg	870U	460U	520U	490U	510U
Atrazine	µg/kg	870U	460U	520U	490U	510U
Benzaldehyde	µg/kg	870U	460U	520U	490U	510U
Benzo(a)anthracene	µg/kg	300J	460U	520U	490U	510U
Benzo(a)pyrene	µg/kg	310J	460U	520U	490U	510U
Benzo(b)fluoranthene	µg/kg	390J	460U	520U	490U	510U
Benzo(g,h,i)perylene	µg/kg	230J	460U	520U	490U	510U
Benzo(k)fluoranthene	µg/kg	160J	460U	520U	490U	510U
Benzyl Butyl Phthalate	µg/kg	870U	460U	520U	490U	510U
bis(2-chloroethoxy) meth	µg/kg	870U	460U	520U	490U	510U
bis(2-chloroethyl) ether	µg/kg	870U	460U	520U	490U	510U
bis(2-ethylhexyl) phthala	µg/kg	100J	120JB	120JB	490U	510U
Caprolactam	µg/kg	870U	460U	520U	490U	510U
Carbazole	µg/kg	870U	460U	520U	490U	510U
Chrysene	µg/kg	280J	460U	520U	490U	510U
Dibenz(a,h)Anthracene	µg/kg	870U	460U	520U	490U	510U
Dibenzofuran	µg/kg	870U	460U	520U	490U	510U
Diethyl Phthalate	µg/kg	870U	460U	520U	490U	510U
Dimethyl Phthalate	µg/kg	870U	460U	520U	490U	510U
di-n-Butyl Phthalate	µg/kg	870U	290JB	260JB	490U	510U



**Table H-14 Sediment SVOCs Analytical Results Summary Table  
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Station ID		FBQ 156	FBQ 157	FBQ 158	FBQ 159	FBQ 160
Sample ID		FBQSD-156-0281-SD	FBQSD-157-0282-SD	FBQSD-158-0283-SD	FBQSD-159-0284-SD	FBQSD-160-0285-SD
Date Collected		11/3/2003	10/21/2003	10/21/2003	11/6/2003	11/6/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
di-n-Octyl Phthalate	µg/kg	870U	460U	520U	490U	510U
Fluoranthene	µg/kg	510J	460U	98J	490U	510U
Fluorene	µg/kg	870U	460U	520U	490U	510U
Hexachlorobenzene	µg/kg	870U	460U	520U	490U	510U
Hexachlorobutadiene	µg/kg	870U	460U	520U	490U	510U
Hexachlorocyclopentadiene	µg/kg	870U	460U	520U	490U	510U
Hexachloroethane	µg/kg	870U	460U	520U	490U	510U
Indeno(1,2,3-c,d)Pyrene	µg/kg	190J	460U	520U	490U	510U
Isophorone	µg/kg	870U	460U	520U	490U	510U
Naphthalene	µg/kg	870U	460U	520U	490U	510U
Nitrobenzene	µg/kg	870U	460U	520U	490U	510U
Nitrobenzene	µg/kg	100U	100U	49J	38JB	100U
n-Nitrosodi-n-Propylamine	µg/kg	870U	460U	520U	490U	510U
n-Nitrosodiphenylamine	µg/kg	870U	460U	520U	490U	510U
Pentachlorophenol	µg/kg	1700U	910U	1000U	970U	1000U
Phenanthrene	µg/kg	390J	460U	110J	490U	510U
Phenol	µg/kg	870U	460U	520U	490U	510U
Pyrene	µg/kg	560J	460U	520U	490U	510U

**Table H-14 Sediment SVOCs Analytical Results Summary Table**  
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Station ID		FBQ 161	FBQ 162	FBQ 163	FBQ 164	FBQ 165
Sample ID		FBQSD-161-0286-SD	FBQSD-162-0287-SD	FBQSD-163-0288-SD	FBQSD-164-0289-SD	FBQSD-165-0290-SD
Date Collected		11/6/2003	11/6/2003	11/6/2003	11/6/2003	11/6/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,1- Biphenyl	µg/kg	560U	460U	590U	540U	500U
2,2-Oxybis(1-Chloroprop	µg/kg	560U	460U	590U	540U	500U
2,4,5-Trichlorophenol	µg/kg	560U	460U	590U	540U	500U
2,4,6-Trichlorophenol	µg/kg	560U	460U	590U	540U	500U
2,4-Dichlorophenol	µg/kg	560U	460U	590U	540U	500U
2,4-Dimethylphenol	µg/kg	560U	460U	590U	540U	500U
2,4-Dinitrophenol	µg/kg	1100U	930U	1200U	1100U	1000U
2,4-Dinitrotoluene	µg/kg	560U	460U	590U	540U	500U
2,4-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2,6-Dinitrotoluene	µg/kg	560U	460U	590U	540U	500U
2,6-Dinitrotoluene	µg/kg	100U	100U	100U	100U	100U
2-Chloronaphthalene	µg/kg	560U	460U	590U	540U	500U
2-Chlorophenol	µg/kg	560U	460U	590U	540U	500U
2-Methylnaphthalene	µg/kg	560U	460U	190J	540U	500U
2-methylphenol	µg/kg	560U	460U	590U	540U	500U
2-Nitroaniline	µg/kg	560U	460U	590U	540U	500U
2-Nitrophenol	µg/kg	560U	460U	590U	540U	500U
3,3-Dichlorobenzidine	µg/kg	1100U	930U	1200U	1100U	1000U
3-Nitroaniline	µg/kg	560U	460U	590U	540U	500U
4,6-dinitro-2-methyl pher	µg/kg	1100U	930U	1200U	1100U	1000U
4-Bromophenyl-phenylet	µg/kg	560U	460U	590U	540U	500U
4-chloro-3-methylphenol	µg/kg	560U	460U	590U	540U	500U
4-Chloroaniline	µg/kg	560U	460U	590U	540U	500U
4-Chlorophenyl Phenyl E	µg/kg	560U	460U	590U	540U	500U
4-methylphenol	µg/kg	560U	460U	590U	540U	500U

**Table H-14 Sediment SVOCs Analytical Results Summary Table**  
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Station ID		FBQ 161	FBQ 162	FBQ 163	FBQ 164	FBQ 165
Sample ID		FBQSD-161-0286-SD	FBQSD-162-0287-SD	FBQSD-163-0288-SD	FBQSD-164-0289-SD	FBQSD-165-0290-SD
Date Collected		11/6/2003	11/6/2003	11/6/2003	11/6/2003	11/6/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
4-Nitroaniline	µg/kg	560U	460U	590U	540U	500U
4-Nitrophenol	µg/kg	1100U	930U	1200U	1100U	1000U
Acenaphthene	µg/kg	560U	460U	590U	540U	500U
Acenaphthylene	µg/kg	560U	460U	110J	540U	500U
Acetophenone	µg/kg	560U	460U	590U	540U	500U
Anthracene	µg/kg	560U	460U	460J	540U	500U
Atrazine	µg/kg	560U	460U	590U	540U	500U
Benzaldehyde	µg/kg	560U	460U	590U	540U	500U
Benzo(a)anthracene	µg/kg	560U	460U	1100	540U	84J
Benzo(a)pyrene	µg/kg	53J	460U	840	540U	86J
Benzo(b)fluoranthene	µg/kg	89J	460U	980	540U	150J
Benzo(g,h,i)perylene	µg/kg	560U	460U	390J	540U	500U
Benzo(k)fluoranthene	µg/kg	560U	460U	250J	540U	500U
Benzyl Butyl Phthalate	µg/kg	560U	460U	590U	540U	500U
bis(2-chloroethoxy) meth	µg/kg	560U	460U	590U	540U	500U
bis(2-chloroethyl) ether	µg/kg	560U	460U	590U	540U	500U
bis(2-ethylhexyl) phthala	µg/kg	560U	460U	590U	540U	500U
Caprolactam	µg/kg	560U	460U	590U	540U	500U
Carbazole	µg/kg	560U	460U	230J	540U	500U
Chrysene	µg/kg	560U	460U	890	540U	83J
Dibenz(a,h)Anthracene	µg/kg	560U	460U	590U	540U	500U
Dibenzofuran	µg/kg	560U	460U	110J	540U	500U
Diethyl Phthalate	µg/kg	560U	460U	590U	540U	500U
Dimethyl Phthalate	µg/kg	560U	460U	590U	540U	500U
di-n-Butyl Phthalate	µg/kg	560U	460U	590U	540U	500U

**Table H-14 Sediment SVOCs Analytical Results Summary Table  
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Station ID		FBQ 161	FBQ 162	FBQ 163	FBQ 164	FBQ 165
Sample ID		FBQSD-161-0286-SD	FBQSD-162-0287-SD	FBQSD-163-0288-SD	FBQSD-164-0289-SD	FBQSD-165-0290-SD
Date Collected		11/6/2003	11/6/2003	11/6/2003	11/6/2003	11/6/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
di-n-Octyl Phthalate	µg/kg	560U	460U	590U	540U	500U
Fluoranthene	µg/kg	97J	460U	2400	540U	130J
Fluorene	µg/kg	560U	460U	120J	540U	500U
Hexachlorobenzene	µg/kg	560U	460U	590U	540U	500U
Hexachlorobutadiene	µg/kg	560U	460U	590U	540U	500U
Hexachlorocyclopentadiene	µg/kg	560U	460U	590U	540U	500U
Hexachloroethane	µg/kg	560U	460U	590U	540U	500U
Indeno(1,2,3-c,d)Pyrene	µg/kg	560U	460U	400J	540U	500U
Isophorone	µg/kg	560U	460U	590U	540U	500U
Naphthalene	µg/kg	560U	460U	140J	540U	500U
Nitrobenzene	µg/kg	560U	460U	590U	540U	500U
Nitrobenzene	µg/kg	100U	100U	100U	100U	100U
n-Nitrosodi-n-Propylamine	µg/kg	560U	460U	590U	540U	500U
n-Nitrosodiphenylamine	µg/kg	560U	460U	590U	540U	500U
Pentachlorophenol	µg/kg	1100U	930U	1200U	1100U	1000U
Phenanthrene	µg/kg	560U	460U	1700	540U	500U
Phenol	µg/kg	560U	460U	590U	540U	500U
Pyrene	µg/kg	560U	460U	1500	540U	100J

**Table H-15 Sediment VOCs Analytical RESULTS Summary Table  
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Station ID		FBQ 126	FBQ 127	FBQ 128	FBQ 129	FBQ 130
Sample ID		FBQSD-126-0251-SD	FBQSD-127-0252-SD	FBQSD-128-0253-SD	FBQSD-129-0254-SD	FBQSD-130-0255-SD
Date Collected		10/23/2003	10/23/2003	10/23/2003	11/5/2003	11/3/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,1,1-Trichloroethane	µg/kg	13U	11U	7.6U	9.2U	13U
1,1,2,2-Tetrachloroethane	µg/kg	13U	11U	7.6U	9.2U	13U
1,1,2-Trichloroethane	µg/kg	13U	11U	7.6U	9.2U	13U
1,1-Dichloroethane	µg/kg	13U	11U	7.6U	9.2U	13U
1,1-Dichloroethene	µg/kg	13U	11U	7.6U	9.2U	13U
1,2,4-Trichlorobenzene	µg/kg	13U	11U	7.6U	9.2U	13U
1,2-Dibromo-3-Chloropropan	µg/kg	13U	11U	7.6U	9.2U	13U
1,2-Dichlorobenzene	µg/kg	13U	11U	7.6U	9.2U	13U
1,2-Dichloroethane	µg/kg	13U	11U	7.6U	9.2U	13U
1,2-Dichloropropane	µg/kg	13U	11U	7.6U	9.2U	13U
1,3-Dichlorobenzene	µg/kg	13U	11U	7.6U	9.2U	13U
1,4-Dichlorobenzene	µg/kg	13U	11U	7.6U	9.2U	13U
2-Butanone	µg/kg	25U	21U	15U	18U	26U
2-Hexanone	µg/kg	25U	21U	15U	18U	26U
4-Methyl-2-Pentanone	µg/kg	25U	21U	15U	18U	26U
Acetone	µg/kg	16JB	21U	15U	18U	16JB
Benzene	µg/kg	13U	11U	7.6U	9.2U	13U
Bromoform	µg/kg	13U	11U	7.6U	9.2U	13U
Bromomethane	µg/kg	25U	21U	15U	18U	26U
Carbon Disulfide	µg/kg	13U	11U	7.6U	9.2U	13U
Carbon Tetrachloride	µg/kg	13U	11U	7.6U	9.2U	13U
Chlorobenzene	µg/kg	13U	11U	7.6U	9.2U	13U
Chloroethane	µg/kg	25U	21U	15U	18U	26U
Chloroform	µg/kg	13U	11U	7.6U	9.2U	13U
Chloromethane	µg/kg	25U	21U	15U	18U	26U

**Table H-15 Sediment VOCs Analytical RESULTS Summary Table  
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Station ID		FBQ 126	FBQ 127	FBQ 128	FBQ 129	FBQ 130
Sample ID		FBQSD-126-0251-SD	FBQSD-127-0252-SD	FBQSD-128-0253-SD	FBQSD-129-0254-SD	FBQSD-130-0255-SD
Date Collected		10/23/2003	10/23/2003	10/23/2003	11/5/2003	11/3/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
cis-1,2-Dichloroethene	µg/kg	13U	11U	7.6U	9.2U	13U
cis-1,3-Dichloropropene	µg/kg	13U	11U	7.6U	9.2U	13U
Cyclohexane	µg/kg	13U	11U	7.6U	9.2U	13U
Dibromochloromethane	µg/kg	13U	11U	7.6U	9.2U	13U
Dichlorodifluoromethane	µg/kg	13U	11U	7.6U	9.2U	13U
Ethylbenzene	µg/kg	13U	11U	7.6U	9.2U	13U
Ethylene Dibromide	µg/kg	13U	11U	7.6U	9.2U	13U
Freon 113	µg/kg	13U	11U	7.6U	9.2U	13U
Isopropylbenzene	µg/kg	13U	11U	7.6U	9.2U	13U
m,p-Xylenes	µg/kg	13U	11U	7.6U	9.2U	13U
Methyl Acetate	µg/kg	13U	11U	7.6U	9.2U	13U
Methylcyclohexane	µg/kg	13U	11U	7.6U	9.2U	13U
Methylene Chloride	µg/kg	15JB	13JB	8.1JB	12JB	24JB
o-Xylene	µg/kg	13U	11U	7.6U	9.2U	13U
Styrene	µg/kg	13U	11U	7.6U	9.2U	13U
tert-butyl methyl ether	µg/kg	13U	11U	7.6U	9.2U	13U
Tetrachloroethylene	µg/kg	13U	11U	7.6U	9.2U	13U
Toluene	µg/kg	13U	11U	7.6U	9.2U	13U
trans-1,2-dichloroethene	µg/kg	13U	11U	7.6U	9.2U	13U
trans-1,3-dichloropropene	µg/kg	13U	11U	7.6U	9.2U	13U
Trichloroethene	µg/kg	13U	11U	7.6U	2.4J	13U
Trichlorofluoromethane	µg/kg	13U	11U	7.6U	9.2U	13U
Vinyl Chloride	µg/kg	25U	21U	15U	18U	26U

**Table H-15 Sediment VOCs Analytical RESULTS Summary Table  
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Station ID		FBQ 131	FBQ 132	FBQ 133	FBQ 134	FBQ 135
Sample ID		FBQSD-131-0256-SD	FBQSD-132-0257-SD	FBQSD-133-0258-SD	FBQSD-134-0259-SD	FBQSD-135-0260-SD
Date Collected		11/3/2003	11/3/2003	11/5/2003	11/5/2003	11/5/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,1,1-Trichloroethane	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
1,1,2,2-Tetrachloroethane	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
1,1,2-Trichloroethane	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
1,1-Dichloroethane	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
1,1-Dichloroethene	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
1,2,4-Trichlorobenzene	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
1,2-Dibromo-3-Chloropropan	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
1,2-Dichlorobenzene	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
1,2-Dichloroethane	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
1,2-Dichloropropane	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
1,3-Dichlorobenzene	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
1,4-Dichlorobenzene	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
2-Butanone	µg/kg	20U	19U	17U	14U	15U
2-Hexanone	µg/kg	20U	19U	17U	14U	15U
4-Methyl-2-Pentanone	µg/kg	20U	19U	17U	14U	15U
Acetone	µg/kg	14JB	12JB	8.5JB	9.4JB	10JB
Benzene	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
Bromoform	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
Bromomethane	µg/kg	20U	19U	17U	14U	15U
Carbon Disulfide	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
Carbon Tetrachloride	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
Chlorobenzene	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
Chloroethane	µg/kg	20U	19U	17U	14U	15U
Chloroform	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
Chloromethane	µg/kg	20U	19U	17U	14U	15U

**Table H-15 Sediment VOCs Analytical RESULTS Summary Table**  
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Station ID		FBQ 131	FBQ 132	FBQ 133	FBQ 134	FBQ 135
Sample ID		FBQSD-131-0256-SD	FBQSD-132-0257-SD	FBQSD-133-0258-SD	FBQSD-134-0259-SD	FBQSD-135-0260-SD
Date Collected		11/3/2003	11/3/2003	11/5/2003	11/5/2003	11/5/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
cis-1,2-Dichloroethene	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
cis-1,3-Dichloropropene	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
Cyclohexane	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
Dibromochloromethane	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
Dichlorodifluoromethane	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
Ethylbenzene	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
Ethylene Dibromide	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
Freon 113	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
Isopropylbenzene	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
m,p-Xylenes	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
Methyl Acetate	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
Methylcyclohexane	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
Methylene Chloride	µg/kg	17JB	17JB	11JB	9.5JB	13JB
o-Xylene	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
Styrene	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
tert-butyl methyl ether	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
Tetrachloroethylene	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
Toluene	µg/kg	9.8U	9.5U	7.3J	7.1U	7.5U
trans-1,2-dichloroethene	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
trans-1,3-dichloropropene	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
Trichloroethene	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
Trichlorofluoromethane	µg/kg	9.8U	9.5U	8.5U	7.1U	7.5U
Vinyl Chloride	µg/kg	20U	19U	17U	14U	15U



**Table H-15 Sediment VOCs Analytical RESULTS Summary Table  
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Station ID		FBQ 136	FBQ 137	FBQ 138	FBQ 139	FBQ 140
Sample ID		FBQSD-136-0261-SD	FBQSD-137-0262-SD	FBQSD-138-0263-SD	FBQSD-139-0264-SD	FBQSD-140-0265-SD
Date Collected		11/6/2003	11/5/2003	11/5/2003	11/6/2003	11/6/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,1,1-Trichloroethane	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
1,1,2,2-Tetrachloroethane	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
1,1,2-Trichloroethane	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
1,1-Dichloroethane	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
1,1-Dichloroethene	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
1,2,4-Trichlorobenzene	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
1,2-Dibromo-3-Chloropropan	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
1,2-Dichlorobenzene	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
1,2-Dichloroethane	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
1,2-Dichloropropane	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
1,3-Dichlorobenzene	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
1,4-Dichlorobenzene	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
2-Butanone	µg/kg	14U	17U	15U	11JB	13JB
2-Hexanone	µg/kg	14U	17U	15U	16U	19U
4-Methyl-2-Pentanone	µg/kg	14U	17U	15U	16U	19U
Acetone	µg/kg	20	12JB	9.6JB	16U	36
Benzene	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
Bromoform	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
Bromomethane	µg/kg	14U	17U	15U	16U	19U
Carbon Disulfide	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
Carbon Tetrachloride	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
Chlorobenzene	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
Chloroethane	µg/kg	14U	17U	15U	16U	19U
Chloroform	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
Chloromethane	µg/kg	14U	17U	15U	16U	19U

**Table H-15 Sediment VOCs Analytical RESULTS Summary Table  
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Station ID		FBQ 136	FBQ 137	FBQ 138	FBQ 139	FBQ 140
Sample ID		FBQSD-136-0261-SD	FBQSD-137-0262-SD	FBQSD-138-0263-SD	FBQSD-139-0264-SD	FBQSD-140-0265-SD
Date Collected		11/6/2003	11/5/2003	11/5/2003	11/6/2003	11/6/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
cis-1,2-Dichloroethene	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
cis-1,3-Dichloropropene	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
Cyclohexane	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
Dibromochloromethane	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
Dichlorodifluoromethane	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
Ethylbenzene	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
Ethylene Dibromide	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
Freon 113	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
Isopropylbenzene	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
m,p-Xylenes	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
Methyl Acetate	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
Methylcyclohexane	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
Methylene Chloride	µg/kg	14U	12JB	11JB	16U	18JB
o-Xylene	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
Styrene	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
tert-butyl methyl ether	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
Tetrachloroethylene	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
Toluene	µg/kg	7.2U	9.6	7.5U	10	9.5U
trans-1,2-dichloroethene	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
trans-1,3-dichloropropene	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
Trichloroethene	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
Trichlorofluoromethane	µg/kg	7.2U	8.4U	7.5U	7.9U	9.5U
Vinyl Chloride	µg/kg	14U	17U	15U	16U	19U

**Table H-15 Sediment VOCs Analytical RESULTS Summary Table  
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Station ID		FBQ 141	FBQ 142	FBQ 143	FBQ 144	FBQ 145
Sample ID		FBQSD-141-0266-SD	FBQSD-142-0267-SD	FBQSD-143-0268-SD	FBQSD-144-0269-SD	FBQSD-145-0270-SD
Date Collected		11/6/2003	11/6/2003	11/6/2003	10/21/2003	10/21/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,1,1-Trichloroethane	µg/kg	22U	9.5U	12U	20U	7U
1,1,2,2-Tetrachloroethane	µg/kg	22U	9.5U	12U	20U	7U
1,1,2-Trichloroethane	µg/kg	22U	9.5U	12U	20U	7U
1,1-Dichloroethane	µg/kg	22U	9.5U	12U	20U	7U
1,1-Dichloroethene	µg/kg	22U	9.5U	12U	20U	7U
1,2,4-Trichlorobenzene	µg/kg	22U	9.5U	12U	20U	7U
1,2-Dibromo-3-Chloropropan	µg/kg	22U	9.5U	12U	20U	7U
1,2-Dichlorobenzene	µg/kg	22U	9.5U	12U	20U	7U
1,2-Dichloroethane	µg/kg	22U	9.5U	12U	20U	7U
1,2-Dichloropropane	µg/kg	22U	9.5U	12U	20U	7U
1,3-Dichlorobenzene	µg/kg	22U	9.5U	12U	20U	7U
1,4-Dichlorobenzene	µg/kg	22U	9.5U	12U	20U	7U
2-Butanone	µg/kg	26J	10J	24JB	39U	19
2-Hexanone	µg/kg	45U	19U	24U	39U	14U
4-Methyl-2-Pentanone	µg/kg	45U	19U	24U	39U	14U
Acetone	µg/kg	82B	27B	26B	64	51B
Benzene	µg/kg	22U	9.5U	12U	20U	7U
Bromoform	µg/kg	22U	9.5U	12U	20U	7U
Bromomethane	µg/kg	45U	19U	24U	39U	14U
Carbon Disulfide	µg/kg	22U	9.5U	3.6J	20U	7U
Carbon Tetrachloride	µg/kg	22U	9.5U	12U	20U	7U
Chlorobenzene	µg/kg	22U	9.5U	12U	20U	7U
Chloroethane	µg/kg	45U	19U	24U	39U	14U
Chloroform	µg/kg	22U	9.5U	12U	20U	7U
Chloromethane	µg/kg	45U	19U	24U	39U	14U

**Table H-15 Sediment VOCs Analytical RESULTS Summary Table  
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Station ID		FBQ 141	FBQ 142	FBQ 143	FBQ 144	FBQ 145
Sample ID		FBQSD-141-0266-SD	FBQSD-142-0267-SD	FBQSD-143-0268-SD	FBQSD-144-0269-SD	FBQSD-145-0270-SD
Date Collected		11/6/2003	11/6/2003	11/6/2003	10/21/2003	10/21/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
cis-1,2-Dichloroethene	µg/kg	22U	9.5U	12U	20U	7U
cis-1,3-Dichloropropene	µg/kg	22U	9.5U	12U	20U	7U
Cyclohexane	µg/kg	22U	9.5U	12U	20U	7U
Dibromochloromethane	µg/kg	22U	9.5U	12U	20U	7U
Dichlorodifluoromethane	µg/kg	22U	9.5U	12U	20U	7U
Ethylbenzene	µg/kg	22U	9.5U	12U	20U	7U
Ethylene Dibromide	µg/kg	22U	9.5U	12U	20U	7U
Freon 113	µg/kg	22U	9.5U	12U	20U	7U
Isopropylbenzene	µg/kg	22U	9.5U	12U	20U	7U
m,p-Xylenes	µg/kg	22U	9.5U	12U	20U	7U
Methyl Acetate	µg/kg	22U	9.5U	12U	20U	7U
Methylcyclohexane	µg/kg	22U	9.5U	12U	20U	7U
Methylene Chloride	µg/kg	34JB	17JB	20JB	43B	37
o-Xylene	µg/kg	22U	9.5U	12U	20U	7U
Styrene	µg/kg	22U	9.5U	12U	20U	7U
tert-butyl methyl ether	µg/kg	22U	9.5U	12U	20U	7U
Tetrachloroethylene	µg/kg	22U	9.5U	12U	20U	7U
Toluene	µg/kg	22U	9.5U	12U	20U	7U
trans-1,2-dichloroethene	µg/kg	22U	9.5U	12U	20U	7U
trans-1,3-dichloropropene	µg/kg	22U	9.5U	12U	20U	7U
Trichloroethene	µg/kg	22U	9.5U	2.8J	20U	7U
Trichlorofluoromethane	µg/kg	22U	9.5U	12U	20U	7U
Vinyl Chloride	µg/kg	45U	19U	24U	39U	14U

**Table H-15 Sediment VOCs Analytical RESULTS Summary Table  
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Station ID		FBQ 146	FBQ 147	FBQ 148	FBQ 149	FBQ 150
Sample ID		FBQSD-146-0271-SD	FBQSD-147-0272-SD	FBQSD-148-0273-SD	FBQSD-149-0274-SD	FBQSD-150-0275-SD
Date Collected		11/3/2003	10/21/2003	10/21/2003	10/21/2003	10/21/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,1,1-Trichloroethane	µg/kg	6.4U	6.5U	5U	6.6U	7U
1,1,2,2-Tetrachloroethane	µg/kg	6.4U	6.5U	5U	6.6U	7U
1,1,2-Trichloroethane	µg/kg	6.4U	6.5U	5U	6.6U	7U
1,1-Dichloroethane	µg/kg	6.4U	6.5U	5U	6.6U	7U
1,1-Dichloroethene	µg/kg	6.4U	6.5U	5U	6.6U	7U
1,2,4-Trichlorobenzene	µg/kg	6.4U	6.5U	5U	6.6U	7U
1,2-Dibromo-3-Chloropropan	µg/kg	6.4U	6.5U	5U	6.6U	7U
1,2-Dichlorobenzene	µg/kg	6.4U	6.5U	5U	6.6U	7U
1,2-Dichloroethane	µg/kg	6.4U	6.5U	5U	6.6U	7U
1,2-Dichloropropane	µg/kg	6.4U	6.5U	5U	6.6U	7U
1,3-Dichlorobenzene	µg/kg	6.4U	6.5U	5U	6.6U	7U
1,4-Dichlorobenzene	µg/kg	6.4U	6.5U	5U	6.6U	7U
2-Butanone	µg/kg	13U	10J	5.7J	5.1J	14U
2-Hexanone	µg/kg	13U	13U	10U	13U	14U
4-Methyl-2-Pentanone	µg/kg	13U	13U	10U	13U	14U
Acetone	µg/kg	23B	32B	10U	18B	21B
Benzene	µg/kg	6.4U	6.5U	5U	6.6U	7U
Bromoform	µg/kg	6.4U	6.5U	5U	6.6U	7U
Bromomethane	µg/kg	13U	13U	10U	13U	14U
Carbon Disulfide	µg/kg	6.4U	6.5U	5U	6.6U	7U
Carbon Tetrachloride	µg/kg	6.4U	6.5U	5U	6.6U	7U
Chlorobenzene	µg/kg	6.4U	6.5U	5U	6.6U	7U
Chloroethane	µg/kg	13U	13U	10U	13U	14U
Chloroform	µg/kg	6.4U	6.5U	5U	6.6U	7U
Chloromethane	µg/kg	13U	13U	10U	13U	14U

**Table H-15 Sediment VOCs Analytical RESULTS Summary Table  
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Station ID		FBQ 146	FBQ 147	FBQ 148	FBQ 149	FBQ 150
Sample ID		FBQSD-146-0271-SD	FBQSD-147-0272-SD	FBQSD-148-0273-SD	FBQSD-149-0274-SD	FBQSD-150-0275-SD
Date Collected		11/3/2003	10/21/2003	10/21/2003	10/21/2003	10/21/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
cis-1,2-Dichloroethene	µg/kg	6.4U	6.5U	5U	6.6U	7U
cis-1,3-Dichloropropene	µg/kg	6.4U	6.5U	5U	6.6U	7U
Cyclohexane	µg/kg	6.4U	6.5U	5U	6.6U	7U
Dibromochloromethane	µg/kg	6.4U	6.5U	5U	6.6U	7U
Dichlorodifluoromethane	µg/kg	6.4U	6.5U	5U	6.6U	7U
Ethylbenzene	µg/kg	6.4U	6.5U	5U	6.6U	7U
Ethylene Dibromide	µg/kg	6.4U	6.5U	5U	6.6U	7U
Freon 113	µg/kg	6.4U	6.5U	5U	6.6U	7U
Isopropylbenzene	µg/kg	6.4U	6.5U	5U	6.6U	7U
m,p-Xylenes	µg/kg	6.4U	6.5U	5U	6.6U	7U
Methyl Acetate	µg/kg	6.4U	6.5U	5U	6.6U	7U
Methylcyclohexane	µg/kg	6.4U	6.5U	5U	6.6U	7U
Methylene Chloride	µg/kg	9.3JB	24	15	15	16
o-Xylene	µg/kg	6.4U	6.5U	5U	6.6U	7U
Styrene	µg/kg	6.4U	6.5U	5U	6.6U	7U
tert-butyl methyl ether	µg/kg	6.4U	6.5U	5U	6.6U	7U
Tetrachloroethylene	µg/kg	6.4U	6.5U	5U	6.6U	7U
Toluene	µg/kg	6.4U	6.5U	5U	6.6U	7U
trans-1,2-dichloroethene	µg/kg	6.4U	6.5U	5U	6.6U	7U
trans-1,3-dichloropropene	µg/kg	6.4U	6.5U	5U	6.6U	7U
Trichloroethene	µg/kg	6.4U	6.5U	5U	6.6U	7U
Trichlorofluoromethane	µg/kg	6.4U	6.5U	5U	6.6U	7U
Vinyl Chloride	µg/kg	13U	13U	10U	13U	14U

**Table H-15 Sediment VOCs Analytical RESULTS Summary Table  
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Station ID		FBQ 151	FBQ 152	FBQ 153	FBQ 154	FBQ 155
Sample ID		FBQSD-151-0276-SD	FBQSD-152-0277-SD	FBQSD-153-0278-SD	FBQSD-154-0279-SD	FBQSD-155-0280-SD
Date Collected		10/21/2003	10/21/2003	10/21/2003	10/21/2003	10/21/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,1,1-Trichloroethane	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
1,1,2,2-Tetrachloroethane	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
1,1,2-Trichloroethane	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
1,1-Dichloroethane	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
1,1-Dichloroethene	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
1,2,4-Trichlorobenzene	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
1,2-Dibromo-3-Chloropropan	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
1,2-Dichlorobenzene	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
1,2-Dichloroethane	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
1,2-Dichloropropane	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
1,3-Dichlorobenzene	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
1,4-Dichlorobenzene	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
2-Butanone	µg/kg	9.6J	17	14U	15U	11J
2-Hexanone	µg/kg	14U	16U	14U	15U	19U
4-Methyl-2-Pentanone	µg/kg	14U	16U	14U	15U	19U
Acetone	µg/kg	27B	57	14U	13JB	37
Benzene	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
Bromoform	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
Bromomethane	µg/kg	14U	16U	14U	15U	19U
Carbon Disulfide	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
Carbon Tetrachloride	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
Chlorobenzene	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
Chloroethane	µg/kg	14U	16U	14U	15U	19U
Chloroform	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
Chloromethane	µg/kg	14U	16U	14U	15U	19U

**Table H-15 Sediment VOCs Analytical RESULTS Summary Table  
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Station ID		FBQ 151	FBQ 152	FBQ 153	FBQ 154	FBQ 155
Sample ID		FBQSD-151-0276-SD	FBQSD-152-0277-SD	FBQSD-153-0278-SD	FBQSD-154-0279-SD	FBQSD-155-0280-SD
Date Collected		10/21/2003	10/21/2003	10/21/2003	10/21/2003	10/21/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
cis-1,2-Dichloroethene	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
cis-1,3-Dichloropropene	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
Cyclohexane	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
Dibromochloromethane	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
Dichlorodifluoromethane	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
Ethylbenzene	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
Ethylene Dibromide	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
Freon 113	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
Isopropylbenzene	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
m,p-Xylenes	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
Methyl Acetate	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
Methylcyclohexane	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
Methylene Chloride	µg/kg	10J	19B	13JB	15U	22B
o-Xylene	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
Styrene	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
tert-butyl methyl ether	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
Tetrachloroethylene	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
Toluene	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
trans-1,2-dichloroethene	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
trans-1,3-dichloropropene	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
Trichloroethene	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
Trichlorofluoromethane	µg/kg	7.1U	7.8U	6.8U	7.3U	9.4U
Vinyl Chloride	µg/kg	14U	16U	14U	15U	19U



**Table H-15 Sediment VOCs Analytical RESULTS Summary Table  
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Station ID		FBQ 156	FBQ 157	FBQ 158	FBQ 159	FBQ 160
Sample ID		FBQSD-156-0281-SD	FBQSD-157-0282-SD	FBQSD-158-0283-SD	FBQSD-159-0284-SD	FBQSD-160-0285-SD
Date Collected		11/3/2003	10/21/2003	10/21/2003	11/6/2003	11/6/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,1,1-Trichloroethane	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
1,1,2,2-Tetrachloroethane	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
1,1,2-Trichloroethane	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
1,1-Dichloroethane	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
1,1-Dichloroethene	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
1,2,4-Trichlorobenzene	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
1,2-Dibromo-3-Chloropropan	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
1,2-Dichlorobenzene	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
1,2-Dichloroethane	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
1,2-Dichloropropane	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
1,3-Dichlorobenzene	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
1,4-Dichlorobenzene	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
2-Butanone	µg/kg	43	15U	15U	7JB	15B
2-Hexanone	µg/kg	26U	15U	15U	15U	15U
4-Methyl-2-Pentanone	µg/kg	26U	15U	15U	15U	15U
Acetone	µg/kg	180B	16	15U	17B	40B
Benzene	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
Bromoform	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
Bromomethane	µg/kg	26U	15U	15U	15U	15U
Carbon Disulfide	µg/kg	2.9J	7.7U	7.6U	7.3U	7.6U
Carbon Tetrachloride	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
Chlorobenzene	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
Chloroethane	µg/kg	26U	15U	15U	15U	15U
Chloroform	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
Chloromethane	µg/kg	26U	15U	15U	15U	15U

**Table H-15 Sediment VOCs Analytical RESULTS Summary Table**  
**Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 156	FBQ 157	FBQ 158	FBQ 159	FBQ 160
Sample ID		FBQSD-156-0281-SD	FBQSD-157-0282-SD	FBQSD-158-0283-SD	FBQSD-159-0284-SD	FBQSD-160-0285-SD
Date Collected		11/3/2003	10/21/2003	10/21/2003	11/6/2003	11/6/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
cis-1,2-Dichloroethene	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
cis-1,3-Dichloropropene	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
Cyclohexane	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
Dibromochloromethane	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
Dichlorodifluoromethane	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
Ethylbenzene	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
Ethylene Dibromide	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
Freon 113	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
Isopropylbenzene	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
m,p-Xylenes	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
Methyl Acetate	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
Methylcyclohexane	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
Methylene Chloride	µg/kg	22JB	22B	12JB	15U	15U
o-Xylene	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
Styrene	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
tert-butyl methyl ether	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
Tetrachloroethylene	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
Toluene	µg/kg	13U	7.7U	7.6U	7.3U	2.8J
trans-1,2-dichloroethene	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
trans-1,3-dichloropropene	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
Trichloroethene	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
Trichlorofluoromethane	µg/kg	13U	7.7U	7.6U	7.3U	7.6U
Vinyl Chloride	µg/kg	26U	15U	15U	15U	15U

**Table H-15 Sediment VOCs Analytical RESULTS Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 161	FBQ 162	FBQ 163	FBQ 164	FBQ 165
Sample ID		FBQSD-161-0286-SD	FBQSD-162-0287-SD	FBQSD-163-0288-SD	FBQSD-164-0289-SD	FBQSD-165-0290-SD
Date Collected		11/6/2003	11/6/2003	11/6/2003	11/6/2003	11/6/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,1,1-Trichloroethane	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
1,1,2,2-Tetrachloroethane	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
1,1,2-Trichloroethane	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
1,1-Dichloroethane	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
1,1-Dichloroethene	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
1,2,4-Trichlorobenzene	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
1,2-Dibromo-3-Chloropropan	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
1,2-Dichlorobenzene	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
1,2-Dichloroethane	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
1,2-Dichloropropane	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
1,3-Dichlorobenzene	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
1,4-Dichlorobenzene	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
2-Butanone	µg/kg	8.4J	6.8J	18U	4.2J	3.7J
2-Hexanone	µg/kg	17U	14U	18U	16U	15U
4-Methyl-2-Pentanone	µg/kg	17U	14U	18U	16U	15U
Acetone	µg/kg	16JB	27B	7.6JB	25B	22B
Benzene	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
Bromoform	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
Bromomethane	µg/kg	17U	14U	18U	16U	15U
Carbon Disulfide	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
Carbon Tetrachloride	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
Chlorobenzene	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
Chloroethane	µg/kg	17U	14U	18U	16U	15U
Chloroform	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
Chloromethane	µg/kg	17U	14U	18U	16U	15U

**Table H-15 Sediment VOCs Analytical RESULTS Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 161	FBQ 162	FBQ 163	FBQ 164	FBQ 165
Sample ID		FBQSD-161-0286-SD	FBQSD-162-0287-SD	FBQSD-163-0288-SD	FBQSD-164-0289-SD	FBQSD-165-0290-SD
Date Collected		11/6/2003	11/6/2003	11/6/2003	11/6/2003	11/6/2003
Depth (ft)		0-.6"	0-.6"	0-.6"	0-.6"	0-.6"
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
cis-1,2-Dichloroethene	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
cis-1,3-Dichloropropene	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
Cyclohexane	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
Dibromochloromethane	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
Dichlorodifluoromethane	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
Ethylbenzene	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
Ethylene Dibromide	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
Freon 113	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
Isopropylbenzene	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
m,p-Xylenes	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
Methyl Acetate	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
Methylcyclohexane	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
Methylene Chloride	µg/kg	12JB	13JB	9JB	13JB	10JB
o-Xylene	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
Styrene	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
tert-butyl methyl ether	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
Tetrachloroethylene	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
Toluene	µg/kg	2.7J	6.9U	8.9U	8U	2.2J
trans-1,2-dichloroethene	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
trans-1,3-dichloropropene	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
Trichloroethene	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
Trichlorofluoromethane	µg/kg	8.4U	6.9U	8.9U	8U	7.5U
Vinyl Chloride	µg/kg	17U	14U	18U	16U	15U

**Table H-16 Surface Water Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 130	FBQ 131	FBQ 132	FBQ 133	FBQ 134
Sample ID		FBQSW-130-0295-SW	FBQSW-131-0296-SW	FBQSW-132-0297-SW	FBQSW-133-0299-SW	FBQSW-134-0300-SW
Date Collected		11/3/2003	11/3/2003	11/3/2003	11/4/2003	11/4/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,3,5-Trinitrobenzene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
1,3-Dinitrobenzene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
2,4,6-Trinitrotoluene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
2,4-Dinitrotoluene	µg/L	12U	12U	11U	11U	11U
2,4-Dinitrotoluene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
2,6-Dinitrotoluene	µg/L	12U	12U	11U	11U	11U
2,6-Dinitrotoluene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
2-Amino-4,6-Dinitrotoluene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
4-Amino-2,6-Dinitrotoluene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
4-Nitroaniline	µg/L	12U	12U	11U	11U	11U
HMX	µg/L	0.52U	0.52U	0.52U	0.52U	0.52U
m-Nitrotoluene	µg/L	0.52U	0.52U	0.52U	0.52U	0.52U
Nitrobenzene	µg/L	12U	12U	11U	11U	11U
Nitrobenzene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
Nitrocellulose	µg/L	0.25	0.29	0.18U	0.18U	0.18U
Nitroglycerine	µg/L	26U	26U	26U	26U	26U
Nitroguanidine	µg/L	10U	10U	10U	10U	10U
o-Nitrotoluene	µg/L	0.52U	0.52U	0.52U	0.52U	0.52U
p-Nitrotoluene	µg/L	0.52U	0.52U	0.52U	0.52U	0.52U
RDX	µg/L	0.52U	0.52U	0.52U	0.52U	0.52U
Tetryl	µg/L	0.52U	0.52U	0.52U	0.52U	0.52U

**Table H-16 Surface Water Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 135	FBQ 136	FBQ 137	FBQ 138	FBQ 139
Sample ID		FBQSW-135-0301-SW	FBQSW-136-0302-SW	FBQSW-137-0303-SW	FBQSW-138-0304-SW	FBQSW-139-0305-SW
Date Collected		11/4/2003	11/4/2003	11/4/2003	11/4/2003	11/4/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,3,5-Trinitrobenzene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
1,3-Dinitrobenzene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
2,4,6-Trinitrotoluene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
2,4-Dinitrotoluene	µg/L	11U	11U	11U	11U	11U
2,4-Dinitrotoluene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
2,6-Dinitrotoluene	µg/L	11U	11U	11U	11U	11U
2,6-Dinitrotoluene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
2-Amino-4,6-Dinitrotolue	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
4-Amino-2,6-Dinitrotolue	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
4-Nitroaniline	µg/L	11U	11U	11U	11U	11U
HMX	µg/L	0.52U	0.52U	0.52U	0.52U	0.52U
m-Nitrotoluene	µg/L	0.52U	0.52U	0.52U	0.52U	0.52U
Nitrobenzene	µg/L	11U	11U	11U	11U	11U
Nitrobenzene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
Nitrocellulose	µg/L	0.26	0.18U	0.75	0.26	0.42
Nitroglycerine	µg/L	26U	26U	26U	26U	26U
Nitroguanidine	µg/L	10U	10U	10U	10U	10U
o-Nitrotoluene	µg/L	0.52U	0.52U	0.52U	0.52U	0.52U
p-Nitrotoluene	µg/L	0.52U	0.52U	0.52U	0.52U	0.52U
RDX	µg/L	0.52U	0.52U	0.52U	0.52U	0.52U
Tetryl	µg/L	0.52U	0.52U	0.52U	0.52U	0.52U

**Table H-16 Surface Water Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 141	FBQ 145	FBQ 147	FBQ 153	FBQ 154
Sample ID		FBQSW-141-0298-SW	FBQSW-145-0291-SW	FBQSW-147-0292-SW	FBQSW-153-0294-SW	FBQSW-154-0293-SW
Date Collected		11/4/2003	10/21/2003	10/21/2003	11/3/2003	11/3/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,3,5-Trinitrobenzene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
1,3-Dinitrobenzene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
2,4,6-Trinitrotoluene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
2,4-Dinitrotoluene	µg/L	11U	11U	11U	10U	11U
2,4-Dinitrotoluene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
2,6-Dinitrotoluene	µg/L	11U	11U	11U	10U	11U
2,6-Dinitrotoluene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
2-Amino-4,6-Dinitrotoluene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
4-Amino-2,6-Dinitrotoluene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
4-Nitroaniline	µg/L	11U	11U	11U	10U	11U
HMX	µg/L	0.52U	0.52U	0.52U	0.52U	0.52U
m-Nitrotoluene	µg/L	0.52U	0.52U	0.52U	0.52U	0.52U
Nitrobenzene	µg/L	11U	11U	11U	10U	11U
Nitrobenzene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
Nitrocellulose	µg/L	0.42	0.42	0.37	1	0.48
Nitroglycerine	µg/L	26U	26U	26U	26U	26U
Nitroguanidine	µg/L	10U	10U	10U	10U	10U
o-Nitrotoluene	µg/L	0.52U	0.52U	0.52U	0.52U	0.52U
p-Nitrotoluene	µg/L	0.52U	0.52U	0.52U	0.52U	0.52U
RDX	µg/L	0.52U	0.52U	0.52U	0.52U	0.52U
Tetryl	µg/L	0.52U	0.52U	0.52U	0.52U	0.52U

**Table H-17 Surface Water Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 130	FBQ 131	FBQ 132	FBQ 133	FBQ 134
Sample ID		FBQSW-130-0295-SW	FBQSW-131-0296-SW	FBQSW-132-0297-SW	FBQSW-133-0299-SW	FBQSW-134-0300-SW
Date Collected		11/3/2003	11/3/2003	11/3/2003	11/4/2003	11/4/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
Aluminum	µg/L	7010	558	293	237	734
Antimony	µg/L	2.7B	2.6U	2.6U	1.9U	1.9U
Arsenic	µg/L	19.7	4.8U	12.5B	4.9U	12.7B
Barium	µg/L	93.6	24.5	52.8	33.3	40.4
Beryllium	µg/L	0.77	0.2U	0.2U	0.24B	0.11B
Cadmium	µg/L	0.58B	0.3U	0.3U	0.3U	0.3U
Calcium	µg/L	22400	7890	9580	27300	18300
Chromium	µg/L	12.2	1.7B	1B	0.9B	1.8
Chromium, Hexavalent	µg/L	0.01U	0.01U	0.01U	0.01U	0.04
Cobalt	µg/L	17.3	2.5B	7.9	0.4U	6.6
Copper	µg/L	41.8	4.4	3.8	2.3B	2.9B
Iron	µg/L	22600	9780E	15300E	3320	20400
Lead	µg/L	24.9	4.2	3.3	2.4B	3.7B
Magnesium	µg/L	7230	4490	4550	7050	6900
Manganese	µg/L	852	1010	1390	632	1220
Mercury	µg/L	0.13B	0.1U	0.1U	0.1U	0.1U
Nickel	µg/L	25.9	1.3B	1.6B	1.1U	2.7B
Potassium	µg/L	6220	9450	9270	3960	13900
Selenium	µg/L	1.8U	2.9U	2.9U	1.8U	1.8U
Silver	µg/L	0.7U	0.7U*	0.7U*	0.7U	0.7U
Sodium	µg/L	2440	949	1260	4090	1240
Thallium	µg/L	5U	4.2U	4.2U	5U	5U
Vanadium	µg/L	19.1	2.1B	1.3B	0.76B	2.4
Zinc	µg/L	107	12.3	13.9	14.4	8.6B



**Table H-17 Surface Water Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 135	FBQ 136	FBQ 137	FBQ 138	FBQ 139
Sample ID		FBQSW-135-0301-SW	FBQSW-136-0302-SW	FBQSW-137-0303-SW	FBQSW-138-0304-SW	FBQSW-139-0305-SW
Date Collected		11/4/2003	11/4/2003	11/4/2003	11/4/2003	11/4/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
Aluminum	µg/L	709	171	231	343	343
Antimony	µg/L	1.9U	1.9U	1.9U	1.9U	1.9U
Arsenic	µg/L	4.9U	9.4B	17B	8.2B	8.2B
Barium	µg/L	30.7	48.2	19	59.4	59.4
Beryllium	µg/L	0.36B	0.16B	0.16B	0.34B	0.34B
Cadmium	µg/L	0.3U	0.3U	0.3U	0.3U	0.3U
Calcium	µg/L	6130	29900	9270	8040	8040
Chromium	µg/L	2.3	1.6B	1B	1.1B	1.1B
Chromium, Hexavalent	µg/L	0.05	0.01U	0.03	0.02	0.02
Cobalt	µg/L	4.6	9.7	7.5	9.2	9.2
Copper	µg/L	7.3	1.5B	1.5B	3.2B	3.2B
Iron	µg/L	5110	16500	24500	11000	11000
Lead	µg/L	5.6B	2.2B	2.2U	3.3B	3.3B
Magnesium	µg/L	2290	9710	4020	3100	3100
Manganese	µg/L	652	4330	1380	1170	1170
Mercury	µg/L	0.1U	0.1U	0.1U	0.1U	0.1U
Nickel	µg/L	2.5B	1.1U	1.1U	1.8B	1.8B
Potassium	µg/L	6540	3160	3770	3560	3560
Selenium	µg/L	1.8U	1.8U	1.8U	1.8U	1.8U
Silver	µg/L	0.7U	0.7U	0.7U	0.7U	0.7U
Sodium	µg/L	1140	3880	945	1930	1930
Thallium	µg/L	5U	5U	5U	5U	5U
Vanadium	µg/L	1.8B	1.3B	2.3	2	2
Zinc	µg/L	18.6	6.4B	4.7B	7.1B	7.1B

**Table H-17 Surface Water Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 141	FBQ 145	FBQ 147	FBQ 153	FBQ 154
Sample ID		FBQSW-141-0298-SW	FBQSW-145-0291-SW	FBQSW-147-0292-SW	FBQSW-153-0294-SW	FBQSW-154-0293-SW
Date Collected		11/4/2003	10/21/2003	10/21/2003	11/3/2003	11/3/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
Aluminum	µg/L	2270	17.7UN	17.7UN	59B	17.7U
Antimony	µg/L	1.9U	4.2B	4.2B	3.6B	8.8B
Arsenic	µg/L	9B	4.8U	4.8U	4.8U	4.8U
Barium	µg/L	1030	48.2	48.2	30.8	67.8
Beryllium	µg/L	0.32B	0.2U	0.2U	0.2U	0.2U
Cadmium	µg/L	0.3U	0.3U	0.3U	0.3U	0.3U
Calcium	µg/L	37800	10500	10500	18000	44600
Chromium	µg/L	3.7	0.9B	0.9B	0.8U	0.97B
Chromium, Hexavalent	µg/L	0.01U	0.01U	0.01U	0.01U	0.01U
Cobalt	µg/L	2.1	0.9U	0.9U	0.9U	1.1B
Copper	µg/L	4.2	5.3	5.3	1.7B	1.1B
Iron	µg/L	18600	130	130	107E	204E
Lead	µg/L	4.4B	0.8U	0.8U	2.7B	0.8U
Magnesium	µg/L	7290	2640	2640	3730	3900
Manganese	µg/L	11000	12.7	12.7	11.7	15.1
Mercury	µg/L	0.1U	0.1U	0.1U	0.1U	0.1U
Nickel	µg/L	3.2B	1.1U	1.1U	1.1U	1.1U
Potassium	µg/L	2570	1150	1150	1820	2490
Selenium	µg/L	1.8U	2.9U	2.9U	2.9U	2.9U
Silver	µg/L	0.7U	0.92B	0.92B	0.7U*	0.7U*
Sodium	µg/L	3660	1810	1810	2240	2100
Thallium	µg/L	5U	4.2U	4.2U	4.2U	4.2U
Vanadium	µg/L	4.3	1U	1U	1U	1.7B
Zinc	µg/L	36	23.6	23.6	3.8B	3.3U

**Table H-18 Surface Water Pesticides and PCBs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 130	FBQ 131	FBQ 132	FBQ 133	FBQ 134
Sample ID		FBQSW-130-0295-SW	FBQSW-131-0296-SW	FBQSW-132-0297-SW	FBQSW-133-0299-SW	FBQSW-134-0300-SW
Date Collected		11/3/2003	11/3/2003	11/3/2003	11/4/2003	11/4/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
4,4-DDD	µg/L	0.06U	0.06U	0.06U	0.05U	0.06U
4,4-DDE	µg/L	0.06U	0.06U	0.06U	0.05U	0.06U
4,4-DDT	µg/L	0.06U	0.06U	0.06U	0.05U	0.06U
Aldrin	µg/L	0.06U	0.06U	0.06U	0.05U	0.06U
Alpha-BHC	µg/L	0.06U	0.06U	0.06U	0.05U	0.06U
Alpha-Chlordane	µg/L	0.06U	0.06U	0.06U	0.05U	0.06U
Beta-BHC	µg/L	0.06U	0.06U	0.06U	0.05U	0.06U
Chlordane	µg/L	1.1U	1.1U	1.1U	1.1U	1.2U
Delta-BHC	µg/L	0.06U	0.06U	0.06U	0.05U	0.06U
Dieldrin	µg/L	0.06U	0.06U	0.06U	0.05U	0.06U
Endosulfan I	µg/L	0.06U	0.06U	0.06U	0.05U	0.06U
Endosulfan II	µg/L	0.06U	0.06U	0.06U	0.05U	0.06U
Endosulfan Sulfate	µg/L	0.06U	0.06U	0.06U	0.05U	0.06U
Endrin	µg/L	0.06U	0.06U	0.06U	0.05U	0.06U
Endrin Aldehyde	µg/L	0.06U	0.06U	0.06U	0.05U	0.06U
Endrin Ketone	µg/L	0.06U	0.06U	0.06U	0.05U	0.06U
Gamma-BHC (Lindane)	µg/L	0.06U	0.06U	0.06U	0.05U	0.06U
Gamma-Chlordane	µg/L	0.06U	0.06U	0.06U	0.05U	0.06U
Heptachlor	µg/L	0.06U	0.06U	0.06U	0.05U	0.06U
Heptachlor Epoxide	µg/L	0.06U	0.06U	0.06U	0.05U	0.06U
Methoxychlor	µg/L	0.06U	0.06U	0.06U	0.05U	0.06U
PCB-1016	µg/L	1.1U	1.1U	1.1U	1.1U	1.2U
PCB-1221	µg/L	1.1U	1.1U	1.1U	1.1U	1.2U
PCB-1242	µg/L	1.1U	1.1U	1.1U	1.1U	1.2U
PCB-1248	µg/L	1.1U	1.1U	1.1U	1.1U	1.2U
PCB-1254	µg/L	1.1U	1.1U	1.1U	1.1U	1.2U
PCB-1260	µg/L	1.1U	1.1U	1.1U	1.1U	1.2U
Toxaphene	µg/L	1.1U	1.1U	1.1U	1.1U	1.2U

**Table H-18 Surface Water Pesticides and PCBs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 135	FBQ 136	FBQ 137	FBQ 138	FBQ 139
Sample ID		FBQSW-135-0301-SW	FBQSW-136-0302-SW	FBQSW-137-0303-SW	FBQSW-138-0304-SW	FBQSW-139-0305-SW
Date Collected		11/4/2003	11/4/2003	11/4/2003	11/4/2003	11/4/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Field Duplicate	Grab
Analyte	Units					
4,4-DDD	µg/L	0.05U	0.05U	0.05U	0.06U	0.06U
4,4-DDE	µg/L	0.05U	0.05U	0.05U	0.06U	0.06U
4,4-DDT	µg/L	0.05U	0.05U	0.05U	0.06U	0.06U
Aldrin	µg/L	0.05U	0.05U	0.05U	0.06U	0.06U
Alpha-BHC	µg/L	0.05U	0.05U	0.05U	0.06U	0.06U
Alpha-Chlordane	µg/L	0.05U	0.05U	0.05U	0.06U	0.06U
Beta-BHC	µg/L	0.05U	0.05U	0.05U	0.06U	0.06U
Chlordane	µg/L	1.1U	1.1U	1.1U	1.1U	1.1U
Delta-BHC	µg/L	0.05U	0.05U	0.05U	0.06U	0.06U
Dieldrin	µg/L	0.05U	0.05U	0.05U	0.06U	0.06U
Endosulfan I	µg/L	0.05U	0.05U	0.05U	0.06U	0.06U
Endosulfan II	µg/L	0.05U	0.05U	0.05U	0.06U	0.06U
Endosulfan Sulfate	µg/L	0.05U	0.05U	0.05U	0.06U	0.06U
Endrin	µg/L	0.05U	0.05U	0.05U	0.06U	0.06U
Endrin Aldehyde	µg/L	0.05U	0.05U	0.05U	0.06U	0.06U
Endrin Ketone	µg/L	0.05U	0.05U	0.05U	0.06U	0.06U
Gamma-BHC (Lindane)	µg/L	0.05U	0.05U	0.05U	0.06U	0.06U
Gamma-Chlordane	µg/L	0.05U	0.05U	0.05U	0.06U	0.06U
Heptachlor	µg/L	0.05U	0.05U	0.05U	0.06U	0.06U
Heptachlor Epoxide	µg/L	0.05U	0.05U	0.05U	0.06U	0.06U
Methoxychlor	µg/L	0.05U	0.05U	0.05U	0.06U	0.06U
PCB-1016	µg/L	1.1U	1.1U	1.1U	1.1U	1.1U
PCB-1221	µg/L	1.1U	1.1U	1.1U	1.1U	1.1U
PCB-1242	µg/L	1.1U	1.1U	1.1U	1.1U	1.1U
PCB-1248	µg/L	1.1U	1.1U	1.1U	1.1U	1.1U
PCB-1254	µg/L	1.1U	1.1U	1.1U	1.1U	1.1U
PCB-1260	µg/L	1.1U	1.1U	1.1U	1.1U	1.1U
Toxaphene	µg/L	1.1U	1.1U	1.1U	1.1U	1.1U

**Table H-18 Surface Water Pesticides and PCBs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 141	FBQ 145	FBQ 147	FBQ 153	FBQ 154
Sample ID		FBQSW-141-0298-SW	FBQSW-145-0291-SW	FBQSW-147-0292-SW	FBQSW-153-0294-SW	FBQSW-154-0293-SW
Date Collected		11/4/2003	10/21/2003	10/21/2003	11/3/2003	11/3/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
4,4-DDD	µg/L	0.06U	0.06U	0.05U	0.05U	0.06U
4,4-DDE	µg/L	0.06U	0.06U	0.05U	0.05U	0.06U
4,4-DDT	µg/L	0.06U	0.06U	0.05U	0.05U	0.06U
Aldrin	µg/L	0.06U	0.06U	0.05U	0.05U	0.06U
Alpha-BHC	µg/L	0.06U	0.06U	0.05U	0.05U	0.06U
Alpha-Chlordane	µg/L	0.06U	0.06U	0.05U	0.05U	0.06U
Beta-BHC	µg/L	0.06U	0.06U	0.05U	0.05U	0.06U
Chlordane	µg/L	1.2U	1.1U	1.1U	1.1U	1.1U
Delta-BHC	µg/L	0.06U	0.06U	0.05U	0.05U	0.06U
Dieldrin	µg/L	0.06U	0.06U	0.05U	0.05U	0.06U
Endosulfan I	µg/L	0.06U	0.06U	0.05U	0.05U	0.06U
Endosulfan II	µg/L	0.06U	0.06U	0.05U	0.05U	0.06U
Endosulfan Sulfate	µg/L	0.06U	0.06U	0.05U	0.05U	0.06U
Endrin	µg/L	0.06U	0.06U	0.05U	0.05U	0.06U
Endrin Aldehyde	µg/L	0.06U	0.06U	0.05U	0.05U	0.06U
Endrin Ketone	µg/L	0.06U	0.06U	0.05U	0.05U	0.06U
Gamma-BHC (Lindane)	µg/L	0.06U	0.06U	0.05U	0.05U	0.06U
Gamma-Chlordane	µg/L	0.06U	0.06U	0.05U	0.05U	0.06U
Heptachlor	µg/L	0.06U	0.06U	0.05U	0.05U	0.06U
Heptachlor Epoxide	µg/L	0.06U	0.06U	0.05U	0.05U	0.06U
Methoxychlor	µg/L	0.06U	0.06U	0.05U	0.05U	0.06U
PCB-1016	µg/L	1.2U	1.1U	1.1U	1.1U	1.1U
PCB-1221	µg/L	1.2U	1.1U	1.1U	1.1U	1.1U
PCB-1242	µg/L	1.2U	1.1U	1.1U	1.1U	1.1U
PCB-1248	µg/L	1.2U	1.1U	1.1U	1.1U	1.1U
PCB-1254	µg/L	1.2U	1.1U	1.1U	1.1U	1.1U
PCB-1260	µg/L	1.2U	1.1U	1.1U	1.1U	1.1U
Toxaphene	µg/L	1.2U	1.1U	1.1U	1.1U	1.1U

**Table H-19 Surface Water SVOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 130	FBQ 131	FBQ 132	FBQ 133	FBQ 134
Sample ID		FBQSW-130-0295-SW	FBQSW-131-0296-SW	FBQSW-132-0297-SW	FBQSW-133-0299-SW	FBQSW-134-0300-SW
Date Collected		11/3/2003	11/3/2003	11/3/2003	11/4/2003	11/4/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,1- Biphenyl	µg/L	12U	12U	11U	11U	11U
2,2-Oxybis(1-Chloroprop	µg/L	12U	12U	11U	11U	11U
2,4,5-Trichlorophenol	µg/L	12U	12U	11U	11U	11U
2,4,6-Trichlorophenol	µg/L	12U	12U	11U	11U	11U
2,4-Dichlorophenol	µg/L	12U	12U	11U	11U	11U
2,4-Dimethylphenol	µg/L	12U	12U	11U	11U	11U
2,4-Dinitrophenol	µg/L	24U	24U	22U	22U	21U
2,4-Dinitrotoluene	µg/L	12U	12U	11U	11U	11U
2,4-Dinitrotoluene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
2,6-Dinitrotoluene	µg/L	12U	12U	11U	11U	11U
2,6-Dinitrotoluene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
2-Chloronaphthalene	µg/L	12U	12U	11U	11U	11U
2-Chlorophenol	µg/L	12U	12U	11U	11U	11U
2-Methylnaphthalene	µg/L	12U	12U	11U	11U	11U
2-methylphenol	µg/L	12U	12U	11U	11U	11U
2-Nitroaniline	µg/L	12U	12U	11U	11U	11U
2-Nitrophenol	µg/L	12U	12U	11U	11U	11U
3,3-Dichlorobenzidine	µg/L	24U	24U	22U	22U	21U
3-Nitroaniline	µg/L	12U	12U	11U	11U	11U
4,6-dinitro-2-methyl pher	µg/L	24U	24U	22U	22U	21U
4-Bromophenyl-phenylet	µg/L	12U	12U	11U	11U	11U
4-chloro-3-methylphenol	µg/L	12U	12U	11U	11U	11U
4-Chloroaniline	µg/L	12U	12U	11U	11U	11U
4-Chlorophenyl Phenyl E	µg/L	12U	12U	11U	11U	11U
4-methylphenol	µg/L	12U	160	45	11U	180E

**Table H-19 Surface Water SVOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 130	FBQ 131	FBQ 132	FBQ 133	FBQ 134
Sample ID		FBQSW-130-0295-SW	FBQSW-131-0296-SW	FBQSW-132-0297-SW	FBQSW-133-0299-SW	FBQSW-134-0300-SW
Date Collected		11/3/2003	11/3/2003	11/3/2003	11/4/2003	11/4/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
4-Nitroaniline	µg/L	12U	12U	11U	11U	11U
4-Nitrophenol	µg/L	24U	24U	22U	22U	21U
Acenaphthene	µg/L	12U	12U	11U	11U	11U
Acenaphthylene	µg/L	12U	12U	11U	11U	11U
Acetophenone	µg/L	12U	12U	11U	11U	11U
Anthracene	µg/L	12U	12U	11U	11U	11U
Atrazine	µg/L	12U	12U	11U	11U	11U
Benzaldehyde	µg/L	12U	12U	11U	11U	11U
Benzo(a)anthracene	µg/L	12U	12U	11U	11U	11U
Benzo(a)pyrene	µg/L	12U	12U	11U	11U	11U
Benzo(b)fluoranthene	µg/L	12U	12U	11U	11U	11U
Benzo(g,h,i)perylene	µg/L	12U	12U	11U	11U	11U
Benzo(k)fluoranthene	µg/L	12U	12U	11U	11U	11U
Benzyl Butyl Phthalate	µg/L	12U	12U	11U	11U	11U
bis(2-chloroethoxy) meth	µg/L	12U	12U	11U	11U	11U
bis(2-chloroethyl) ether	µg/L	12U	12U	11U	11U	11U
bis(2-ethylhexyl) phthala	µg/L	1.6J	2.2J	3.2JB	1.7J	2.8JB
Caprolactam	µg/L	12U	12U	11U	11U	11U
Carbazole	µg/L	12U	12U	11U	11U	11U
Chrysene	µg/L	12U	12U	11U	11U	11U
Dibenz(a,h)Anthracene	µg/L	12U	12U	11U	11U	11U
Dibenzofuran	µg/L	12U	12U	11U	11U	11U
Diethyl Phthalate	µg/L	12U	12U	11U	11U	11U
Dimethyl Phthalate	µg/L	12U	12U	11U	11U	11U
di-n-Butyl Phthalate	µg/L	12U	12U	11U	11U	11U

**Table H-19 Surface Water SVOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 130	FBQ 131	FBQ 132	FBQ 133	FBQ 134
Sample ID		FBQSW-130-0295-SW	FBQSW-131-0296-SW	FBQSW-132-0297-SW	FBQSW-133-0299-SW	FBQSW-134-0300-SW
Date Collected		11/3/2003	11/3/2003	11/3/2003	11/4/2003	11/4/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
di-n-Octyl Phthalate	µg/L	12U	12U	11U	11U	11U
Fluoranthene	µg/L	12U	12U	11U	11U	11U
Fluorene	µg/L	12U	12U	11U	11U	11U
Hexachlorobenzene	µg/L	12U	12U	11U	11U	11U
Hexachlorobutadiene	µg/L	12U	12U	11U	11U	11U
Hexachlorocyclopentadiene	µg/L	12U	12U	11U	11U	11U
Hexachloroethane	µg/L	12U	12U	11U	11U	11U
Indeno(1,2,3-c,d)Pyrene	µg/L	12U	12U	11U	11U	11U
Isophorone	µg/L	12U	12U	11U	11U	11U
Naphthalene	µg/L	12U	12U	11U	11U	11U
Nitrobenzene	µg/L	12U	12U	11U	11U	11U
Nitrobenzene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
n-Nitrosodi-n-Propylamine	µg/L	12U	12U	11U	11U	11U
n-Nitrosodiphenylamine	µg/L	12U	12U	11U	11U	11U
Pentachlorophenol	µg/L	24U	24U	22U	22U	21U
Phenanthrene	µg/L	12U	12U	11U	11U	11U
Phenol	µg/L	2.9J	46	36	11U	120
Pyrene	µg/L	12U	12U	11U	11U	11U



**Table H-19 Surface Water SVOCs Analytical Results Summary Table  
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Station ID		FBQ 135	FBQ 136	FBQ 137	FBQ 138	FBQ 139
Sample ID		FBQSW-135-0301-SW	FBQSW-136-0302-SW	FBQSW-137-0303-SW	FBQSW-138-0304-SW	FBQSW-139-0305-SW
Date Collected		11/4/2003	11/4/2003	11/4/2003	11/4/2003	11/4/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,1- Biphenyl	µg/L	11U	11U	11U	11U	11U
2,2-Oxybis(1-Chloroprop	µg/L	11U	11U	11U	11U	11U
2,4,5-Trichlorophenol	µg/L	11U	11U	11U	11U	11U
2,4,6-Trichlorophenol	µg/L	11U	11U	11U	11U	11U
2,4-Dichlorophenol	µg/L	11U	11U	11U	11U	11U
2,4-Dimethylphenol	µg/L	11U	11U	11U	11U	11U
2,4-Dinitrophenol	µg/L	22U	21U	21U	21U	23U
2,4-Dinitrotoluene	µg/L	11U	11U	11U	11U	11U
2,4-Dinitrotoluene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
2,6-Dinitrotoluene	µg/L	11U	11U	11U	11U	11U
2,6-Dinitrotoluene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
2-Chloronaphthalene	µg/L	11U	11U	11U	11U	11U
2-Chlorophenol	µg/L	11U	11U	11U	11U	11U
2-Methylnaphthalene	µg/L	11U	11U	11U	11U	11U
2-methylphenol	µg/L	11U	11U	11U	11U	11U
2-Nitroaniline	µg/L	11U	11U	11U	11U	11U
2-Nitrophenol	µg/L	11U	11U	11U	11U	11U
3,3-Dichlorobenzidine	µg/L	22U	21U	21U	21U	23U
3-Nitroaniline	µg/L	11U	11U	11U	11U	11U
4,6-dinitro-2-methyl pher	µg/L	22U	21U	21U	21U	23U
4-Bromophenyl-phenylet	µg/L	11U	11U	11U	11U	11U
4-chloro-3-methylphenol	µg/L	11U	11U	11U	11U	11U
4-Chloroaniline	µg/L	11U	11U	11U	11U	11U
4-Chlorophenyl Phenyl E	µg/L	11U	11U	11U	11U	11U
4-methylphenol	µg/L	11U	11U	11U	11U	11U

**Table H-19 Surface Water SVOCs Analytical Results Summary Table  
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Station ID		FBQ 135	FBQ 136	FBQ 137	FBQ 138	FBQ 139
Sample ID		FBQSW-135-0301-SW	FBQSW-136-0302-SW	FBQSW-137-0303-SW	FBQSW-138-0304-SW	FBQSW-139-0305-SW
Date Collected		11/4/2003	11/4/2003	11/4/2003	11/4/2003	11/4/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
4-Nitroaniline	µg/L	11U	11U	11U	11U	11U
4-Nitrophenol	µg/L	22U	21U	21U	21U	23U
Acenaphthene	µg/L	11U	11U	11U	11U	11U
Acenaphthylene	µg/L	11U	11U	11U	11U	11U
Acetophenone	µg/L	11U	11U	11U	11U	11U
Anthracene	µg/L	11U	11U	11U	11U	11U
Atrazine	µg/L	11U	11U	11U	11U	11U
Benzaldehyde	µg/L	11U	11U	11U	11U	11U
Benzo(a)anthracene	µg/L	11U	11U	11U	11U	11U
Benzo(a)pyrene	µg/L	11U	11U	11U	11U	11U
Benzo(b)fluoranthene	µg/L	11U	11U	11U	11U	11U
Benzo(g,h,i)perylene	µg/L	11U	11U	11U	11U	11U
Benzo(k)fluoranthene	µg/L	11U	11U	11U	11U	11U
Benzyl Butyl Phthalate	µg/L	11U	11U	11U	11U	11U
bis(2-chloroethoxy) meth	µg/L	11U	11U	11U	11U	11U
bis(2-chloroethyl) ether	µg/L	11U	11U	11U	11U	11U
bis(2-ethylhexyl) phthala	µg/L	1.4J	1.5JB	2.2J	1.5J	11J
Caprolactam	µg/L	11U	11U	11U	11U	11U
Carbazole	µg/L	11U	11U	11U	11U	11U
Chrysene	µg/L	11U	11U	11U	11U	11U
Dibenz(a,h)Anthracene	µg/L	11U	11U	11U	11U	11U
Dibenzofuran	µg/L	11U	11U	11U	11U	11U
Diethyl Phthalate	µg/L	11U	11U	11U	11U	11U
Dimethyl Phthalate	µg/L	11U	11U	11U	11U	11U
di-n-Butyl Phthalate	µg/L	11U	11U	11U	11U	11U

**Table H-19 Surface Water SVOCs Analytical Results Summary Table  
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Station ID		FBQ 135	FBQ 136	FBQ 137	FBQ 138	FBQ 139
Sample ID		FBQSW-135-0301-SW	FBQSW-136-0302-SW	FBQSW-137-0303-SW	FBQSW-138-0304-SW	FBQSW-139-0305-SW
Date Collected		11/4/2003	11/4/2003	11/4/2003	11/4/2003	11/4/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
di-n-Octyl Phthalate	µg/L	11U	11U	11U	11U	11U
Fluoranthene	µg/L	11U	11U	11U	11U	11U
Fluorene	µg/L	11U	11U	11U	11U	11U
Hexachlorobenzene	µg/L	11U	11U	11U	11U	11U
Hexachlorobutadiene	µg/L	11U	11U	11U	11U	11U
Hexachlorocyclopentadiene	µg/L	11U	11U	11U	11U	11U
Hexachloroethane	µg/L	11U	11U	11U	11U	11U
Indeno(1,2,3-c,d)Pyrene	µg/L	11U	11U	11U	11U	11U
Isophorone	µg/L	11U	11U	11U	11U	11U
Naphthalene	µg/L	11U	11U	11U	11U	11U
Nitrobenzene	µg/L	11U	11U	11U	11U	11U
Nitrobenzene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
n-Nitrosodi-n-Propylamine	µg/L	11U	11U	11U	11U	11U
n-Nitrosodiphenylamine	µg/L	11U	11U	11U	11U	11U
Pentachlorophenol	µg/L	22U	21U	21U	21U	23U
Phenanthrene	µg/L	11U	11U	11U	11U	11U
Phenol	µg/L	11U	11U	11U	11U	11U
Pyrene	µg/L	11U	11U	11U	11U	11U

**Table H-19 Surface Water SVOCs Analytical Results Summary Table  
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Station ID		FBQ 141	FBQ 145	FBQ 147	FBQ 153	FBQ 154
Sample ID		FBQSW-141-0298-SW	FBQSW-145-0291-SW	FBQSW-147-0292-SW	FBQSW-153-0294-SW	FBQSW-154-0293-SW
Date Collected		11/4/2003	10/21/2003	10/21/2003	11/3/2003	11/3/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,1- Biphenyl	µg/L	12U	11U	11U	10U	11U
2,2-Oxybis(1-Chloroprop	µg/L	12U	11U	11U	10U	11U
2,4,5-Trichlorophenol	µg/L	12U	11U	11U	10U	11U
2,4,6-Trichlorophenol	µg/L	12U	11U	11U	10U	11U
2,4-Dichlorophenol	µg/L	12U	11U	11U	10U	11U
2,4-Dimethylphenol	µg/L	12U	11U	11U	10U	11U
2,4-Dinitrophenol	µg/L	24U	22U	21U	21U	22U
2,4-Dinitrotoluene	µg/L	12U	11U	11U	10U	11U
2,4-Dinitrotoluene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
2,6-Dinitrotoluene	µg/L	12U	11U	11U	10U	11U
2,6-Dinitrotoluene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
2-Chloronaphthalene	µg/L	12U	11U	11U	10U	11U
2-Chlorophenol	µg/L	12U	11U	11U	10U	11U
2-Methylnaphthalene	µg/L	12U	11U	11U	10U	11U
2-methylphenol	µg/L	12U	11U	11U	10U	11U
2-Nitroaniline	µg/L	12U	11U	11U	10U	11U
2-Nitrophenol	µg/L	12U	11U	11U	10U	11U
3,3-Dichlorobenzidine	µg/L	24U	22U	21U	21U	22U
3-Nitroaniline	µg/L	12U	11U	11U	10U	11U
4,6-dinitro-2-methyl pher	µg/L	24U	22U	21U	21U	22U
4-Bromophenyl-phenylet	µg/L	12U	11U	11U	10U	11U
4-chloro-3-methylphenol	µg/L	12U	11U	11U	10U	11U
4-Chloroaniline	µg/L	12U	11U	11U	10U	11U
4-Chlorophenyl Phenyl E	µg/L	12U	11U	11U	10U	11U
4-methylphenol	µg/L	12U	11U	11U	10U	11U

**Table H-19 Surface Water SVOCs Analytical Results Summary Table  
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Station ID		FBQ 141	FBQ 145	FBQ 147	FBQ 153	FBQ 154
Sample ID		FBQSW-141-0298-SW	FBQSW-145-0291-SW	FBQSW-147-0292-SW	FBQSW-153-0294-SW	FBQSW-154-0293-SW
Date Collected		11/4/2003	10/21/2003	10/21/2003	11/3/2003	11/3/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
4-Nitroaniline	µg/L	12U	11U	11U	10U	11U
4-Nitrophenol	µg/L	24U	22U	21U	21U	22U
Acenaphthene	µg/L	12U	11U	11U	10U	11U
Acenaphthylene	µg/L	12U	11U	11U	10U	11U
Acetophenone	µg/L	12U	11U	11U	10U	11U
Anthracene	µg/L	12U	11U	11U	10U	11U
Atrazine	µg/L	12U	11U	11U	10U	11U
Benzaldehyde	µg/L	12U	11U	11U	10U	11U
Benzo(a)anthracene	µg/L	12U	11U	11U	10U	11U
Benzo(a)pyrene	µg/L	12U	11U	11U	10U	11U
Benzo(b)fluoranthene	µg/L	12U	11U	11U	10U	11U
Benzo(g,h,i)perylene	µg/L	12U	11U	11U	10U	11U
Benzo(k)fluoranthene	µg/L	12U	11U	11U	10U	11U
Benzyl Butyl Phthalate	µg/L	12U	11U	11U	10U	11U
bis(2-chloroethoxy) meth	µg/L	12U	11U	11U	10U	11U
bis(2-chloroethyl) ether	µg/L	12U	11U	11U	10U	11U
bis(2-ethylhexyl) phthala	µg/L	1.7J	2.9J	11U	1.4JB	2.9JB
Caprolactam	µg/L	12U	11U	11U	10U	11U
Carbazole	µg/L	12U	11U	11U	10U	11U
Chrysene	µg/L	12U	11U	11U	10U	11U
Dibenz(a,h)Anthracene	µg/L	12U	11U	11U	10U	11U
Dibenzofuran	µg/L	12U	11U	11U	10U	11U
Diethyl Phthalate	µg/L	12U	11U	11U	10U	11U
Dimethyl Phthalate	µg/L	12U	11U	11U	10U	11U
di-n-Butyl Phthalate	µg/L	12U	11U	11U	10U	11U

**Table H-19 Surface Water SVOCs Analytical Results Summary Table  
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Station ID		FBQ 141	FBQ 145	FBQ 147	FBQ 153	FBQ 154
Sample ID		FBQSW-141-0298-SW	FBQSW-145-0291-SW	FBQSW-147-0292-SW	FBQSW-153-0294-SW	FBQSW-154-0293-SW
Date Collected		11/4/2003	10/21/2003	10/21/2003	11/3/2003	11/3/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
di-n-Octyl Phthalate	µg/L	12U	11U	11U	10U	11U
Fluoranthene	µg/L	12U	11U	11U	10U	11U
Fluorene	µg/L	12U	11U	11U	10U	11U
Hexachlorobenzene	µg/L	12U	11U	11U	10U	11U
Hexachlorobutadiene	µg/L	12U	11U	11U	10U	11U
Hexachlorocyclopentadiene	µg/L	12U	11U	11U	10U	11U
Hexachloroethane	µg/L	12U	11U	11U	10U	11U
Indeno(1,2,3-c,d)Pyrene	µg/L	12U	11U	11U	10U	11U
Isophorone	µg/L	12U	11U	11U	10U	11U
Naphthalene	µg/L	12U	11U	11U	10U	11U
Nitrobenzene	µg/L	12U	11U	11U	10U	11U
Nitrobenzene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
n-Nitrosodi-n-Propylamine	µg/L	12U	11U	11U	10U	11U
n-Nitrosodiphenylamine	µg/L	12U	11U	11U	10U	11U
Pentachlorophenol	µg/L	24U	22U	21U	21U	22U
Phenanthrene	µg/L	12U	11U	11U	10U	11U
Phenol	µg/L	12U	11U	11U	10U	11U
Pyrene	µg/L	12U	11U	11U	10U	11U

**Table H-20 Surface Water VOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 130	FBQ 131	FBQ 132	FBQ 133	FBQ 134
Sample ID		FBQSW-130-0295-SW	FBQSW-131-0296-SW	FBQSW-132-0297-SW	FBQSW-133-0299-SW	FBQSW-134-0300-SW
Date Collected		11/3/2003	11/3/2003	11/3/2003	11/4/2003	11/4/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,1,1-Trichloroethane	µg/L	5U	5U	5U	5U	5U
1,1,2,2-Tetrachloroethane	µg/L	5U	5U	5U	5U	5U
1,1,2-Trichloroethane	µg/L	5U	5U	5U	5U	5U
1,1-Dichloroethane	µg/L	5U	5U	5U	5U	5U
1,1-Dichloroethene	µg/L	5U	5U	5U	5U	5U
1,2,4-Trichlorobenzene	µg/L	5U	5U	5U	5U	5U
1,2-Dibromo-3-Chloropropan	µg/L	5U	5U	5U	5U	5U
1,2-Dichlorobenzene	µg/L	5U	5U	5U	5U	5U
1,2-Dichloroethane	µg/L	5U	5U	5U	5U	5U
1,2-Dichloropropane	µg/L	5U	5U	5U	5U	5U
1,3-Dichlorobenzene	µg/L	5U	5U	5U	5U	5U
1,4-Dichlorobenzene	µg/L	5U	5U	5U	5U	5U
2-Butanone	µg/L	10U	5.1J	5J	10U	3.4J
2-Hexanone	µg/L	10U	10U	10U	10U	10U
4-Methyl-2-Pentanone	µg/L	10U	10U	10U	10U	10U
Acetone	µg/L	11B	15B	11B	8.9JB	14B
Benzene	µg/L	5U	5U	5U	5U	5U
Bromoform	µg/L	5U	5U	5U	5U	5U
Bromomethane	µg/L	10U	10U	10U	10U	10U
Carbon Disulfide	µg/L	5U	5U	5U	5U	1.7J
Carbon Tetrachloride	µg/L	5U	5U	5U	5U	5U
Chlorobenzene	µg/L	5U	5U	5U	5U	5U
Chloroethane	µg/L	10U	10U	10U	10U	10U
Chloroform	µg/L	5U	5U	5U	5U	5U
Chloromethane	µg/L	10U	10U	10U	10U	10U

**Table H-20 Surface Water VOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 130	FBQ 131	FBQ 132	FBQ 133	FBQ 134
Sample ID		FBQSW-130-0295-SW	FBQSW-131-0296-SW	FBQSW-132-0297-SW	FBQSW-133-0299-SW	FBQSW-134-0300-SW
Date Collected		11/3/2003	11/3/2003	11/3/2003	11/4/2003	11/4/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
cis-1,2-Dichloroethene	µg/L	5U	5U	5U	5U	5U
cis-1,3-Dichloropropene	µg/L	5U	5U	5U	5U	5U
Cyclohexane	µg/L	5U	5U	5U	5U	5U
Dibromochloromethane	µg/L	5U	5U	5U	5U	5U
Dichlorodifluoromethane	µg/L	5U	5U	5U	5U	5U
Ethylbenzene	µg/L	5U	5U	5U	5U	5U
Ethylene Dibromide	µg/L	5U	5U	5U	5U	5U
Freon 113	µg/L	5U	5U	5U	5U	5U
Isopropylbenzene	µg/L	5U	5U	5U	5U	5U
m,p-Xylenes	µg/L	5U	5U	5U	5U	5U
Methyl Acetate	µg/L	5U	5U	5U	5U	5U
Methylcyclohexane	µg/L	5U	5U	5U	5U	5U
Methylene Chloride	µg/L	7JB	7JB	7.2JB	5.4JB	6.2JB
o-Xylene	µg/L	5U	5U	5U	5U	5U
Perchlorate	µg/L	1U	1U	7.5	N/A	1U
Styrene	µg/L	5U	5U	1.1J	5U	5U
tert-butyl methyl ether	µg/L	5U	5U	5U	5U	5U
Tetrachloroethylene	µg/L	5U	5U	5U	5U	5U
Toluene	µg/L	8.4	20	17	3.6J	16
trans-1,2-dichloroethene	µg/L	5U	5U	5U	5U	5U
trans-1,3-dichloropropene	µg/L	5U	5U	5U	5U	5U
Trichloroethene	µg/L	5U	5U	5U	5U	5U
Trichlorofluoromethane	µg/L	5U	5U	5U	5U	5U
Vinyl Chloride	µg/L	10U	10U	10U	10U	10U



**Table H-20 Surface Water VOCs Analytical Results Summary Table  
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Station ID		FBQ 135	FBQ 136	FBQ 137	FBQ 138	FBQ 139
Sample ID		FBQSW-135-0301-SW	FBQSW-136-0302-SW	FBQSW-137-0303-SW	FBQSW-138-0304-SW	FBQSW-139-0305-SW
Date Collected		11/4/2003	11/4/2003	11/4/2003	11/4/2003	11/4/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,1,1-Trichloroethane	µg/L	5U	5U	5U	5U	5U
1,1,2,2-Tetrachloroethane	µg/L	5U	5U	5U	5U	5U
1,1,2-Trichloroethane	µg/L	5U	5U	5U	5U	5U
1,1-Dichloroethane	µg/L	5U	5U	5U	5U	5U
1,1-Dichloroethene	µg/L	5U	5U	5U	5U	5U
1,2,4-Trichlorobenzene	µg/L	5U	5U	5U	5U	5U
1,2-Dibromo-3-Chloropropan	µg/L	5U	5U	5U	5U	5U
1,2-Dichlorobenzene	µg/L	5U	5U	5U	5U	5U
1,2-Dichloroethane	µg/L	5U	5U	5U	5U	5U
1,2-Dichloropropane	µg/L	5U	5U	5U	5U	5U
1,3-Dichlorobenzene	µg/L	5U	5U	5U	5U	5U
1,4-Dichlorobenzene	µg/L	5U	5U	5U	5U	5U
2-Butanone	µg/L	10U	10U	10U	10U	10U
2-Hexanone	µg/L	10U	10U	10U	10U	10U
4-Methyl-2-Pentanone	µg/L	10U	10U	10U	10U	10U
Acetone	µg/L	7.1JB	10JB	12B	8.3JB	13B
Benzene	µg/L	5U	5U	5U	5U	5U
Bromoform	µg/L	5U	5U	5U	5U	5U
Bromomethane	µg/L	10U	10U	10U	10U	10U
Carbon Disulfide	µg/L	5U	5U	5U	5U	0.94J
Carbon Tetrachloride	µg/L	5U	5U	5U	5U	5U
Chlorobenzene	µg/L	5U	5U	5U	5U	5U
Chloroethane	µg/L	10U	10U	10U	10U	10U
Chloroform	µg/L	5U	5U	5U	5U	5U
Chloromethane	µg/L	10U	10U	10U	10U	10U

**Table H-20 Surface Water VOCs Analytical Results Summary Table  
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Station ID		FBQ 135	FBQ 136	FBQ 137	FBQ 138	FBQ 139
Sample ID		FBQSW-135-0301-SW	FBQSW-136-0302-SW	FBQSW-137-0303-SW	FBQSW-138-0304-SW	FBQSW-139-0305-SW
Date Collected		11/4/2003	11/4/2003	11/4/2003	11/4/2003	11/4/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
cis-1,2-Dichloroethene	µg/L	5U	5U	5U	5U	5U
cis-1,3-Dichloropropene	µg/L	5U	5U	5U	5U	5U
Cyclohexane	µg/L	5U	5U	5U	5U	5U
Dibromochloromethane	µg/L	5U	5U	5U	5U	5U
Dichlorodifluoromethane	µg/L	5U	5U	5U	5U	5U
Ethylbenzene	µg/L	5U	5U	5U	5U	5U
Ethylene Dibromide	µg/L	5U	5U	5U	5U	5U
Freon 113	µg/L	5U	5U	5U	5U	5U
Isopropylbenzene	µg/L	5U	5U	5U	5U	5U
m,p-Xylenes	µg/L	5U	5U	5U	5U	5U
Methyl Acetate	µg/L	5U	5U	5U	5U	5U
Methylcyclohexane	µg/L	5U	5U	5U	5U	5U
Methylene Chloride	µg/L	7.6JB	8JB	4.6JB	6.6JB	7.6JB
o-Xylene	µg/L	5U	5U	5U	5U	5U
Perchlorate	µg/L	N/A	N/A	N/A		1U
Styrene	µg/L	5U	5U	5U	5U	5U
tert-butyl methyl ether	µg/L	5U	5U	5U	5U	5U
Tetrachloroethylene	µg/L	5U	5U	5U	5U	5U
Toluene	µg/L	3.6J	2.2J	11	4.9J	16
trans-1,2-dichloroethene	µg/L	5U	5U	5U	5U	5U
trans-1,3-dichloropropene	µg/L	5U	5U	5U	5U	5U
Trichloroethene	µg/L	5U	5U	5U	5U	5U
Trichlorofluoromethane	µg/L	5U	5U	5U	5U	5U
Vinyl Chloride	µg/L	10U	10U	10U	10U	10U

**Table H-20 Surface Water VOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 141	FBQ 145	FBQ 147	FBQ 153	FBQ 154
Sample ID		FBQSW-141-0298-SW	FBQSW-145-0291-SW	FBQSW-147-0292-SW	FBQSW-153-0294-SW	FBQSW-154-0293-SW
Date Collected		11/4/2003	10/21/2003	10/21/2003	11/3/2003	11/3/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,1,1-Trichloroethane	µg/L	5U	5U	5U	5U	5U
1,1,2,2-Tetrachloroethane	µg/L	5U	5U	5U	5U	5U
1,1,2-Trichloroethane	µg/L	5U	5U	5U	5U	5U
1,1-Dichloroethane	µg/L	5U	5U	5U	5U	5U
1,1-Dichloroethene	µg/L	5U	5U	5U	5U	5U
1,2,4-Trichlorobenzene	µg/L	5U	5U	5U	5U	5U
1,2-Dibromo-3-Chloropropan	µg/L	5U	5U	5U	5U	5U
1,2-Dichlorobenzene	µg/L	5U	5U	5U	5U	5U
1,2-Dichloroethane	µg/L	5U	5U	5U	5U	5U
1,2-Dichloropropane	µg/L	5U	5U	5U	5U	5U
1,3-Dichlorobenzene	µg/L	5U	5U	5U	5U	5U
1,4-Dichlorobenzene	µg/L	5U	5U	5U	5U	5U
2-Butanone	µg/L	10U	10U	10U	10U	10U
2-Hexanone	µg/L	10U	10U	10U	10U	10U
4-Methyl-2-Pentanone	µg/L	10U	10U	10U	10U	10U
Acetone	µg/L	5.4JB	11B	9JB	8.4JB	7.1JB
Benzene	µg/L	5U	5U	5U	5U	5U
Bromoform	µg/L	5U	5U	5U	5U	5U
Bromomethane	µg/L	10U	10U	10U	10U	10U
Carbon Disulfide	µg/L	1.8J	5U	5U	5U	5U
Carbon Tetrachloride	µg/L	5U	5U	5U	5U	5U
Chlorobenzene	µg/L	5U	5U	5U	5U	5U
Chloroethane	µg/L	10U	10U	10U	10U	10U
Chloroform	µg/L	5U	5U	5U	5U	5U
Chloromethane	µg/L	10U	10U	10U	10U	10U

**Table H-20 Surface Water VOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 141	FBQ 145	FBQ 147	FBQ 153	FBQ 154
Sample ID		FBQSW-141-0298-SW	FBQSW-145-0291-SW	FBQSW-147-0292-SW	FBQSW-153-0294-SW	FBQSW-154-0293-SW
Date Collected		11/4/2003	10/21/2003	10/21/2003	11/3/2003	11/3/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
cis-1,2-Dichloroethene	µg/L	5U	5U	5U	5U	5U
cis-1,3-Dichloropropene	µg/L	5U	5U	5U	5U	5U
Cyclohexane	µg/L	5U	5U	5U	5U	5U
Dibromochloromethane	µg/L	5U	5U	5U	5U	5U
Dichlorodifluoromethane	µg/L	5U	5U	5U	5U	5U
Ethylbenzene	µg/L	5U	5U	5U	5U	5U
Ethylene Dibromide	µg/L	5U	5U	5U	5U	5U
Freon 113	µg/L	5U	5U	5U	5U	5U
Isopropylbenzene	µg/L	5U	5U	5U	5U	5U
m,p-Xylenes	µg/L	5U	5U	5U	5U	5U
Methyl Acetate	µg/L	5U	5U	5U	5U	5U
Methylcyclohexane	µg/L	5U	5U	5U	5U	5U
Methylene Chloride	µg/L	4.4JB	4.5J	4.7J	6.6JB	7.8JB
o-Xylene	µg/L	5U	5U	5U	5U	5U
Perchlorate	µg/L		1U	1U	1U	1U
Styrene	µg/L	5U	5U	5U	5U	5U
tert-butyl methyl ether	µg/L	5U	5U	5U	5U	5U
Tetrachloroethylene	µg/L	5U	5U	5U	5U	5U
Toluene	µg/L	5U	5U	5U	5U	5U
trans-1,2-dichloroethene	µg/L	5U	5U	5U	5U	5U
trans-1,3-dichloropropene	µg/L	5U	5U	5U	5U	5U
Trichloroethene	µg/L	5U	5U	5U	5U	5U
Trichlorofluoromethane	µg/L	5U	5U	5U	5U	5U
Vinyl Chloride	µg/L	10U	10U	10U	10U	10U

**Table H-21 Groundwater Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 166	FBQ 167	FBQ 168	FBQ 169	FBQ 170
Sample ID		FBQMW-166-0306-GW	FBQMW-167-0308-GW	FBQMW-168-0310-GW	FBQMW-169-0312-GW	FBQMW-170-0314-GW
Date Collected		11/20/2003	11/18/2003	11/19/2003	11/18/2003	11/12/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,3,5-Trinitrobenzene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
1,3-Dinitrobenzene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
2,4,6-Trinitrotoluene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
2,4-Dinitrotoluene	µg/L	11U	12U	11U	11U	10U
2,4-Dinitrotoluene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
2,6-Dinitrotoluene	µg/L	11U	12U	11U	11U	10U
2,6-Dinitrotoluene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
2-Amino-4,6-Dinitrotol	µg/L	0.26U	0.26U	0.23J	0.26U	0.26U
4-Amino-2,6-Dinitrotol	µg/L	0.26U	0.26U	0.33	0.26U	0.26U
4-Nitroaniline	µg/L	11U	12U	11U	11U	10U
HMX	µg/L	0.52U	0.52U	0.52U	0.52U	0.52U
m-Nitrotoluene	µg/L	0.52U	0.52U	0.52U	0.52U	0.52U
Nitrobenzene	µg/L	11U	12U	11U	11U	10U
Nitrobenzene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
Nitrocellulose	µg/L	0.18U	0.23	0.25	0.24	0.29
Nitroglycerine	µg/L	26U	26U	26U	26U	26U
Nitroguanidine	µg/L	10U	10U	10U	10U	10U
o-Nitrotoluene	µg/L	0.52U	0.52U	0.52U	0.52U	0.52U
p-Nitrotoluene	µg/L	0.52U	0.52U	0.52U	0.52U	0.52U
RDX	µg/L	0.52U	0.52U	0.52U	0.52U	0.52U
Tetryl	µg/L	0.52U	0.52U	0.52U	0.52U	0.52U

**Table H-21 Groundwater Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 171	FBQ 172	FBQ 173	FBQ 174	FBQ 175
Sample ID		FBQMW-171-0316-GW	FBQMW-172-0318-GW	FBQMW-173-0320-GW	FBQMW-174-0322-GW	FBQMW-175-0324-GW
Date Collected		11/12/2003	11/19/2003	11/20/2003	11/18/2003	11/19/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,3,5-Trinitrobenzene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
1,3-Dinitrobenzene	µg/L	0.26U	0.26U	0.26U	5U	0.26U
2,4,6-Trinitrotoluene	µg/L	0.26U	0.26U	1.9	0.26U	0.26U
2,4-Dinitrotoluene	µg/L	10U	11U	11U	5U	11U
2,4-Dinitrotoluene	µg/L	0.26U	0.26U	0.26U	10U	0.26U
2,6-Dinitrotoluene	µg/L	10U	11U	11U	10U	11U
2,6-Dinitrotoluene	µg/L	0.26U	0.26U	0.26U	10U	0.26U
2-Amino-4,6-Dinitrotol	µg/L	0.26U	0.26U	2.9	18	0.26U
4-Amino-2,6-Dinitrotol	µg/L	0.26U	0.26U	2.7	10U	0.26U
4-Nitroaniline	µg/L	10U	11U	11U	10U	11U
HMX	µg/L	0.52U	0.52U	0.52U	20U	0.52U
m-Nitrotoluene	µg/L	0.52U	0.52U	0.52U	10U	0.52U
Nitrobenzene	µg/L	10U	11U	11U	0.31	11U
Nitrobenzene	µg/L	0.26U	0.26U	0.17J	10U	0.26U
Nitrocellulose	µg/L	0.31	0.18U	0.28	0.26U	0.32
Nitroglycerine	µg/L	26U	26U	26U	28	26U
Nitroguanidine	µg/L	10U	10U	10U	10U	10U
o-Nitrotoluene	µg/L	0.52U	0.52U	0.52U	10U	0.52U
p-Nitrotoluene	µg/L	0.52U	0.52U	0.52U	10U	0.52U
RDX	µg/L	0.52U	0.52U	0.52U	10U	0.52U
Tetryl	µg/L	0.52U	0.52U	0.52U	10U	0.52U

**Table H-21 Groundwater Explosives and Propellants Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 176	FBQ 177
Sample ID		FBQMW-176-0326-GW	FBQMW-177-0328-GW
Date Collected		11/10/2003	11/10/2003
Depth (ft)			
Sample Type		Grab	Grab
Analyte	Units		
1,3,5-Trinitrobenzene	µg/L	0.26U	0.26U
1,3-Dinitrobenzene	µg/L	0.26U	0.26U
2,4,6-Trinitrotoluene	µg/L	0.26U	0.26U
2,4-Dinitrotoluene	µg/L	12U	11U
2,4-Dinitrotoluene	µg/L	0.26U	0.26U
2,6-Dinitrotoluene	µg/L	12U	11U
2,6-Dinitrotoluene	µg/L	0.26U	0.26U
2-Amino-4,6-Dinitrotol	µg/L	0.26U	0.26U
4-Amino-2,6-Dinitrotol	µg/L	0.26U	0.26U
4-Nitroaniline	µg/L	12U	11U
HMX	µg/L	0.52U	0.52U
m-Nitrotoluene	µg/L	0.52U	0.52U
Nitrobenzene	µg/L	12U	11U
Nitrobenzene	µg/L	0.26U	0.26U
Nitrocellulose	µg/L	0.35	0.23
Nitroglycerine	µg/L	26U	26U
Nitroguanidine	µg/L	10U	10U
o-Nitrotoluene	µg/L	0.52U	0.52U
p-Nitrotoluene	µg/L	0.52U	0.52U
RDX	µg/L	0.52U	0.52U
Tetryl	µg/L	0.52U	0.52U

**Table H-22 Groundwater Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 166	FBQ 167	FBQ 168	FBQ 169	FBQ 170
Sample ID		FBQMW-166-0307-GF	FBQMW-167-0309-GF	FBQMW-168-0311-GF	FBQMW-169-0313-GF	FBQMW-170-0315-GF
Date Collected		11/18/2003	11/18/2003	11/19/2003	11/18/2003	11/12/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
Aluminum	µg/L	41.4B	17.7U	20.7B	42.7B	67.8
Antimony	µg/L	2.6U	2.6U	2.6U	2.6U	1.9U
Arsenic	µg/L	4.8U	4.8U	4.8U	4.8U	4.9U
Barium	µg/L	36.2	62.4E	38.5	53.8E	37.4
Beryllium	µg/L	0.2U	0.2U	0.2U	0.2U	0.1U
Cadmium	µg/L	0.3U	0.3U	0.3U	1.3	0.3U
Calcium	µg/L	97400	37100E	41200	36900E	14500
Chromium	µg/L	0.8U	0.84B	0.8U	0.8U	0.64B
Chromium, Hexavalent	µg/L	0.01U	0.01U	0.01U	0.01U	0.01
Cobalt	µg/L	0.9U	7.3	2.8B	13.7	0.4U
Copper	µg/L	5.9	2.7B	2.6B	2.7B	0.8U
Iron	µg/L	25.2U	16400	108	100B	115B
Lead	µg/L	1.5B	1.7B	0.88B	2.6B	2.2U
Magnesium	µg/L	32200	14600E	8220	22700E	4140
Manganese	µg/L	32.4	2210E	603	6770E	140
Mercury	µg/L	0.1U	0.1U	0.1U	0.1U	0.1U
Nickel	µg/L	1.1U	8.5	3.2B	17.8	3.3B
Potassium	µg/L	925	2280	1760	2870	1660
Selenium	µg/L	2.9U	2.9U	2.9U	2.9U	1.8U
Silver	µg/L	0.7U	0.7U	0.7U	1.1B	0.7U
Sodium	µg/L	14400	34600	3220	22100	22300
Thallium	µg/L	4.2U	4.2U	4.2U	4.2U	5U
Vanadium	µg/L	1U	1U	1U	1U	0.5U
Zinc	µg/L	8.7B	12.9	4.7B	15.6	12.6



**Table H-22 Groundwater Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 171	FBQ 172	FBQ 173	FBQ 174	FBQ 175
Sample ID		FBQMW-171-0317-GF	FBQMW-172-0319-GF	FBQMW-173-0321-GF	FBQMW-174-0322-GW	FBQMW-175-0325-GF
Date Collected		11/12/2003	11/19/2003	11/20/2003	11/18/2003	11/19/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
Aluminum	µg/L	59.7B	21.4B	33.9B	46.3B	22.7B
Antimony	µg/L	2.3B	2.6U	2.6U	2.6U	2.6U
Arsenic	µg/L	4.9U	4.8U	4.8U	4.8U	4.8U
Barium	µg/L	33.7	86.7	37.7	20.1E	24.3
Beryllium	µg/L	0.1U	0.2U	0.2U	0.2U	0.2U
Cadmium	µg/L	0.3U	0.3U	0.3U	0.3U	0.3U
Calcium	µg/L	18500	87200	20300	8930E	16100
Chromium	µg/L	0.61B	0.8U	0.8U	0.8U	0.8U
Chromium, Hexavalent	µg/L	0.01U	0.01U	0.01U	0.01U	0.01U
Cobalt	µg/L	0.4U	3.8	5.2	0.9U	9.3
Copper	µg/L	0.8U	3.6	3.5B	2.6B	5.1
Iron	µg/L	40.5U	3870	5560	25.2U	25.2U
Lead	µg/L	2.2U	0.8U	1.8B	0.8U	0.8U
Magnesium	µg/L	6020	38900	6260	3070E	6960
Manganese	µg/L	59.6	4150	1430	15E	216
Mercury	µg/L	0.1U	0.1U	0.1U	0.1U	0.1U
Nickel	µg/L	2.2B	3.9B	255	2.9B	37.7
Potassium	µg/L	1040	1050	1880	1230	1400
Selenium	µg/L	1.8U	2.9U	2.9U	2.9U	2.9U
Silver	µg/L	0.7U	0.7U	0.7U	0.7U	0.7U
Sodium	µg/L	1540	6690	3410	2240	3070
Thallium	µg/L	5U	4.2U	4.2U	4.2U	4.2U
Vanadium	µg/L	0.5U	1U	1U	1U	1U
Zinc	µg/L	12.9	6.9B	9.3B	20.6	12.4

**Table H-22 Groundwater Inorganics Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 176	FBQ 177
Sample ID		FBQMW-176-0327-GF	FBQMW-177-0329-GF
Date Collected		11/10/2003	11/10/2003
Depth (ft)			
Sample Type		Grab	Grab
Analyte	Units		
Aluminum	µg/L	17.7U	17.7U
Antimony	µg/L	2.6U	2.6U
Arsenic	µg/L	4.8U	4.8U
Barium	µg/L	42.3	19.9
Beryllium	µg/L	0.2U	0.2U
Cadmium	µg/L	0.3U	0.3U
Calcium	µg/L	10300	47100
Chromium	µg/L	0.8U	0.8U
Chromium, Hexavalent	µg/L	0.01U	0.01U
Cobalt	µg/L	2.6B	0.9U
Copper	µg/L	2.5B	1.9B
Iron	µg/L	9230	25.2U
Lead	µg/L	1.2B	1.6B
Magnesium	µg/L	3360	13000
Manganese	µg/L	1540	1490
Mercury	µg/L	0.1U	0.1U
Nickel	µg/L	1.1U	1.1U
Potassium	µg/L	1590	2340
Selenium	µg/L	2.9U	2.9U
Silver	µg/L	1.1B	0.7U
Sodium	µg/L	3470	4720
Thallium	µg/L	4.2U	4.2U
Vanadium	µg/L	1U	1U
Zinc	µg/L	6.1B	3.9B

**Table H-23 Groundwater Pesticides and PCBs Analytical Results Summary Table  
Fuze and Booser Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 166	FBQ 167	FBQ 168	FBQ 169	FBQ 170
Sample ID		FBQMW-166-0306-GW	FBQMW-167-0308-GW	FBQMW-168-0310-GW	FBQMW-169-0312-GW	FBQMW-170-0314-GW
Date Collected		11/20/2003	11/18/2003	11/19/2003	11/18/2003	11/12/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
4,4-DDD	µg/L	0.05U	0.06U	0.07U	0.05U	0.05U
4,4-DDE	µg/L	0.05U	0.06U	0.07U	0.05U	0.05U
4,4-DDT	µg/L	0.05U	0.06U	0.07U	0.05U	0.05U
Aldrin	µg/L	0.05U	0.06U	0.07U	0.05U	0.05U
Alpha-BHC	µg/L	0.05U	0.06U	0.07U	0.05U	0.05U
Alpha-Chlordane	µg/L	0.05U	0.06U	0.07U	0.05U	0.05U
Beta-BHC	µg/L	0.05U	0.06U	0.07U	0.05U	0.05U
Chlordane	µg/L	1.1U	1.1U	1.3U	1.1U	1.1U
Delta-BHC	µg/L	0.05U	0.06U	0.07U	0.05U	0.05U
Dieldrin	µg/L	0.05U	0.06U	0.07U	0.05U	0.05U
Endosulfan I	µg/L	0.05U	0.06U	0.07U	0.05U	0.05U
Endosulfan II	µg/L	0.05U	0.06U	0.07U	0.05U	0.05U
Endosulfan Sulfate	µg/L	0.05U	0.06U	0.07U	0.05U	0.05U
Endrin	µg/L	0.05U	0.06U	0.07U	0.05U	0.05U
Endrin Aldehyde	µg/L	0.05U	0.06U	0.07U	0.05U	0.05U
Endrin Ketone	µg/L	0.05U	0.06U	0.07U	0.05U	0.05U
Gamma-BHC (Lindane)	µg/L	0.05U	0.06U	0.07U	0.05U	0.05U
Gamma-Chlordane	µg/L	0.05U	0.06U	0.07U	0.05U	0.05U
Heptachlor	µg/L	0.05U	0.06U	0.07U	0.05U	0.05U
Heptachlor Epoxide	µg/L	0.05U	0.06U	0.07U	0.05U	0.05U
Methoxychlor	µg/L	0.05U	0.06U	0.07U	0.05U	0.05U
PCB-1016	µg/L	1U	1U	1.3U	1U	1.1U
PCB-1221	µg/L	1U	1U	1.3U	1U	1.1U
PCB-1242	µg/L	1U	1U	1.3U	1U	1.1U
PCB-1248	µg/L	1U	1U	1.3U	1U	1.1U
PCB-1254	µg/L	1U	1U	1.3U	1U	1.1U
PCB-1260	µg/L	1U	1U	1.3U	1U	1.1U
Toxaphene	µg/L	1.1U	1.1U	1.3U	1.1U	1.1U

**Table H-23 Groundwater Pesticides and PCBs Analytical Results Summary Table  
Fuze and Booser Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 171	FBQ 172	FBQ 173	FBQ 174	FBQ 175
Sample ID		FBQMW-171-0316-GW	FBQMW-172-0318-GW	FBQMW-173-0320-GW	FBQMW-174-0322-GW	FBQMW-175-0324-GW
Date Collected		11/12/2003	11/19/2003	11/20/2003	11/18/2003	11/19/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Field Duplicate	Grab
Analyte	Units					
4,4-DDD	µg/L	0.05U	0.06U	0.05U	0.05U	0.05U
4,4-DDE	µg/L	0.05U	0.06U	0.05U	0.05U	0.05U
4,4-DDT	µg/L	0.05U	0.06U	0.05U	0.05U	0.05U
Aldrin	µg/L	0.05U	0.06U	0.05U	0.05U	0.05U
Alpha-BHC	µg/L	0.05U	0.06U	0.05U	0.05U	0.05U
Alpha-Chlordane	µg/L	0.05U	0.06U	0.05U	0.05U	0.05U
Beta-BHC	µg/L	0.05U	0.06U	0.05U	0.05U	0.05U
Chlordane	µg/L	1U	1.2U	1U	1U	1.1U
Delta-BHC	µg/L	0.05U	0.06U	0.05U	0.05U	0.05U
Dieldrin	µg/L	0.05U	0.06U	0.05U	0.05U	0.05U
Endosulfan I	µg/L	0.05U	0.06U	0.05U	0.05U	0.05U
Endosulfan II	µg/L	0.05U	0.06U	0.05U	0.05U	0.05U
Endosulfan Sulfate	µg/L	0.05U	0.06U	0.05U	0.05U	0.05U
Endrin	µg/L	0.05U	0.06U	0.05U	0.05U	0.05U
Endrin Aldehyde	µg/L	0.05U	0.06U	0.05U	0.05U	0.05U
Endrin Ketone	µg/L	0.05U	0.06U	0.05U	0.05U	0.05U
Gamma-BHC (Lindane)	µg/L	0.05U	0.06U	0.05U	0.05U	0.05U
Gamma-Chlordane	µg/L	0.05U	0.06U	0.05U	0.05U	0.05U
Heptachlor	µg/L	0.05U	0.06U	0.05U	0.05U	0.05U
Heptachlor Epoxide	µg/L	0.05U	0.06U	0.05U	0.05U	0.05U
Methoxychlor	µg/L	0.05U	0.06U	0.05U	0.05U	0.05U
PCB-1016	µg/L	1U	1.2U	1U	1U	1.1U
PCB-1221	µg/L	1U	1.2U	1U	1U	1.1U
PCB-1242	µg/L	1U	1.2U	1U	1U	1.1U
PCB-1248	µg/L	1U	1.2U	1U	1U	1.1U
PCB-1254	µg/L	1U	1.2U	1U	1U	1.1U
PCB-1260	µg/L	1U	1.2U	1U	1U	1.1U
Toxaphene	µg/L	1U	1.2U	1U	1U	1.1U

**Table H-23 Groundwater Pesticides and PCBs Analytical Results Summary Table  
Fuze and Booser Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 176	FBQ 177
Sample ID		FBQMW-176-0326-GW	FBQMW-177-0328-GW
Date Collected		11/10/2003	11/10/2003
Depth (ft)			
Sample Type		Grab	Grab
Analyte	Units		
4,4-DDD	µg/L	0.06U	0.06U
4,4-DDE	µg/L	0.06U	0.06U
4,4-DDT	µg/L	0.06U	0.06U
Aldrin	µg/L	0.06U	0.06U
Alpha-BHC	µg/L	0.06U	0.06U
Alpha-Chlordane	µg/L	0.06U	0.06U
Beta-BHC	µg/L	0.06U	0.06U
Chlordane	µg/L	1.2U	1.2U
Delta-BHC	µg/L	0.06U	0.06U
Dieldrin	µg/L	0.06U	0.06U
Endosulfan I	µg/L	0.06U	0.06U
Endosulfan II	µg/L	0.06U	0.06U
Endosulfan Sulfate	µg/L	0.06U	0.06U
Endrin	µg/L	0.06U	0.06U
Endrin Aldehyde	µg/L	0.06U	0.06U
Endrin Ketone	µg/L	0.06U	0.06U
Gamma-BHC (Lindane)	µg/L	0.06U	0.06U
Gamma-Chlordane	µg/L	0.06U	0.06U
Heptachlor	µg/L	0.06U	0.06U
Heptachlor Epoxide	µg/L	0.06U	0.06U
Methoxychlor	µg/L	0.06U	0.06U
PCB-1016	µg/L	1.2U	1.2U
PCB-1221	µg/L	1.2U	1.2U
PCB-1242	µg/L	1.2U	1.2U
PCB-1248	µg/L	1.2U	1.2U
PCB-1254	µg/L	1.2U	1.2U
PCB-1260	µg/L	1.2U	1.2U
Toxaphene	µg/L	1.2U	1.2U

**Table H-24 Groundwater SVOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 166	FBQ 167	FBQ 168	FBQ 169	FBQ 170
Sample ID		FBQMW-166-0306-GW	FBQMW-167-0308-GW	FBQMW-168-0310-GW	FBQMW-169-0312-GW	FBQMW-170-0314-GW
Date Collected		11/20/2003	11/18/2003	11/19/2003	11/18/2003	11/12/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,1- Biphenyl	µg/L	11U	12U	11U	11U	10U
2,2-Oxybis(1-Chloroprop	µg/L	11U	12U	11U	11U	10U
2,4,5-Trichlorophenol	µg/L	11U	12U	11U	11U	10U
2,4,6-Trichlorophenol	µg/L	11U	12U	11U	11U	10U
2,4-Dichlorophenol	µg/L	11U	12U	11U	11U	10U
2,4-Dimethylphenol	µg/L	11U	12U	11U	11U	10U
2,4-Dinitrophenol	µg/L	22U	24U	22U	22U	21U
2,4-Dinitrotoluene	µg/L	11U	12U	11U	11U	10U
2,4-Dinitrotoluene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
2,6-Dinitrotoluene	µg/L	11U	12U	11U	11U	10U
2,6-Dinitrotoluene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
2-Chloronaphthalene	µg/L	11U	12U	11U	11U	10U
2-Chlorophenol	µg/L	11U	12U	11U	11U	10U
2-Methylnaphthalene	µg/L	11U	12U	11U	11U	10U
2-methylphenol	µg/L	11U	12U	11U	11U	10U
2-Nitroaniline	µg/L	11U	12U	11U	11U	10U
2-Nitrophenol	µg/L	11U	12U	11U	11U	10U
3,3-Dichlorobenzidine	µg/L	22U	24U	22U	22U	21U
3-Nitroaniline	µg/L	11U	12U	11U	11U	10U
4,6-dinitro-2-methyl phen	µg/L	22U	24U	22U	22U	21U
4-Bromophenyl-phenylet	µg/L	11U	12U	11U	11U	10U
4-chloro-3-methylphenol	µg/L	11U	12U	11U	11U	10U
4-Chloroaniline	µg/L	11U	12U	11U	11U	10U
4-Chlorophenyl Phenyl E	µg/L	11U	12U	11U	11U	10U
4-methylphenol	µg/L	11U	12U	11U	11U	10U

**Table H-24 Groundwater SVOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 166	FBQ 167	FBQ 168	FBQ 169	FBQ 170
Sample ID		FBQMW-166-0306-GW	FBQMW-167-0308-GW	FBQMW-168-0310-GW	FBQMW-169-0312-GW	FBQMW-170-0314-GW
Date Collected		11/20/2003	11/18/2003	11/19/2003	11/18/2003	11/12/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
4-Nitroaniline	µg/L	11U	12U	11U	11U	10U
4-Nitrophenol	µg/L	22U	24U	22U	22U	21U
Acenaphthene	µg/L	11U	12U	11U	11U	10U
Acenaphthylene	µg/L	11U	12U	11U	11U	10U
Acetophenone	µg/L	11U	12U	11U	11U	10U
Anthracene	µg/L	11U	12U	11U	11U	10U
Atrazine	µg/L	11U	12U	11U	11U	10U
Benzaldehyde	µg/L	11U	12U	11U	11U	10U
Benzo(a)anthracene	µg/L	11U	12U	11U	11U	10U
Benzo(a)pyrene	µg/L	11U	12U	11U	11U	10U
Benzo(b)fluoranthene	µg/L	11U	12U	11U	11U	10U
Benzo(g,h,i)perylene	µg/L	11U	12U	11U	11U	10U
Benzo(k)fluoranthene	µg/L	11U	12U	11U	11U	10U
Benzyl Butyl Phthalate	µg/L	11U	12U	11U	11U	14
bis(2-chloroethoxy) meth	µg/L	11U	12U	11U	11U	10U
bis(2-chloroethyl) ether	µg/L	11U	12U	11U	11U	10U
bis(2-ethylhexyl) phthala	µg/L	3.5JB	2.3JB	1.3JB	2J	2.6JB
Caprolactam	µg/L	36	35	14	11U	99
Carbazole	µg/L	11U	12U	11U	11U	10U
Chrysene	µg/L	11U	12U	11U	11U	10U
Dibenz(a,h)Anthracene	µg/L	11U	12U	11U	11U	10U
Dibenzofuran	µg/L	11U	12U	11U	11U	10U
Diethyl Phthalate	µg/L	11U	12U	11U	11U	10U
Dimethyl Phthalate	µg/L	11U	12U	11U	11U	10U
di-n-Butyl Phthalate	µg/L	11U	12U	11U	11U	3.3J

**Table H-24 Groundwater SVOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 166	FBQ 167	FBQ 168	FBQ 169	FBQ 170
Sample ID		FBQMW-166-0306-GW	FBQMW-167-0308-GW	FBQMW-168-0310-GW	FBQMW-169-0312-GW	FBQMW-170-0314-GW
Date Collected		11/20/2003	11/18/2003	11/19/2003	11/18/2003	11/12/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
di-n-Octyl Phthalate	µg/L	11U	12U	11U	11U	10U
Fluoranthene	µg/L	11U	12U	11U	11U	10U
Fluorene	µg/L	11U	12U	11U	11U	10U
Hexachlorobenzene	µg/L	11U	12U	11U	11U	10U
Hexachlorobutadiene	µg/L	11U	12U	11U	11U	10U
Hexachlorocyclopentadiene	µg/L	11U	12U	11U	11U	10U
Hexachloroethane	µg/L	11U	12U	11U	11U	10U
Indeno(1,2,3-c,d)Pyrene	µg/L	11U	12U	11U	11U	10U
Isophorone	µg/L	11U	12U	11U	11U	10U
Naphthalene	µg/L	11U	12U	11U	11U	10U
Nitrobenzene	µg/L	11U	12U	11U	11U	10U
Nitrobenzene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
n-Nitrosodi-n-Propylamine	µg/L	11U	12U	11U	11U	10U
n-Nitrosodiphenylamine	µg/L	11U	12U	11U	11U	10U
Pentachlorophenol	µg/L	22U	24U	22U	22U	21U
Phenanthrene	µg/L	11U	12U	11U	11U	10U
Phenol	µg/L	11U	12U	11U	11U	10U
Pyrene	µg/L	11U	12U	11U	11U	10U



**Table H-24 Groundwater SVOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 171	FBQ 172	FBQ 173	FBQ 174	FBQ 175
Sample ID		FBQMW-171-0316-GW	FBQMW-172-0318-GW	FBQMW-173-0320-GW	FBQMW-174-0322-GW	FBQMW-175-0324-GW
Date Collected		11/12/2003	11/19/2003	11/20/2003	11/18/2003	11/19/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,1- Biphenyl	µg/L	10U	11U	11U	10U	11U
2,2-Oxybis(1-Chloroprop	µg/L	10U	11U	11U	10U	11U
2,4,5-Trichlorophenol	µg/L	10U	11U	11U	10U	11U
2,4,6-Trichlorophenol	µg/L	10U	11U	11U	10U	11U
2,4-Dichlorophenol	µg/L	10U	11U	11U	10U	11U
2,4-Dimethylphenol	µg/L	10U	11U	11U	10U	11U
2,4-Dinitrophenol	µg/L	21U	23U	22U	20U	21U
2,4-Dinitrotoluene	µg/L	10U	11U	11U	10U	11U
2,4-Dinitrotoluene	µg/L	0.26U	0.26U	0.26U	0.31	0.26U
2,6-Dinitrotoluene	µg/L	10U	11U	11U	10U	11U
2,6-Dinitrotoluene	µg/L	0.26U	0.26U	0.26U	0.26U	0.26U
2-Chloronaphthalene	µg/L	10U	11U	11U	10U	11U
2-Chlorophenol	µg/L	10U	11U	11U	10U	11U
2-Methylnaphthalene	µg/L	10U	11U	11U	10U	11U
2-methylphenol	µg/L	10U	11U	11U	10U	11U
2-Nitroaniline	µg/L	10U	11U	11U	10U	11U
2-Nitrophenol	µg/L	10U	11U	11U	10U	11U
3,3-Dichlorobenzidine	µg/L	21U	23U	22U	20U	21U
3-Nitroaniline	µg/L	10U	11U	11U	10U	11U
4,6-dinitro-2-methyl pher	µg/L	21U	23U	22U	20U	21U
4-Bromophenyl-phenylet	µg/L	10U	11U	11U	10U	11U
4-chloro-3-methylphenol	µg/L	10U	11U	11U	10U	11U
4-Chloroaniline	µg/L	10U	11U	11U	10U	11U
4-Chlorophenyl Phenyl E	µg/L	10U	11U	11U	10U	11U
4-methylphenol	µg/L	10U	11U	11U	10U	11U

**Table H-24 Groundwater SVOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 171	FBQ 172	FBQ 173	FBQ 174	FBQ 175
Sample ID		FBQMW-171-0316-GW	FBQMW-172-0318-GW	FBQMW-173-0320-GW	FBQMW-174-0322-GW	FBQMW-175-0324-GW
Date Collected		11/12/2003	11/19/2003	11/20/2003	11/18/2003	11/19/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
4-Nitroaniline	µg/L	10U	11U	11U	10U	11U
4-Nitrophenol	µg/L	21U	23U	22U	20U	21U
Acenaphthene	µg/L	10U	11U	11U	10U	11U
Acenaphthylene	µg/L	10U	11U	11U	10U	11U
Acetophenone	µg/L	10U	11U	11U	10U	11U
Anthracene	µg/L	10U	11U	11U	10U	11U
Atrazine	µg/L	10U	11U	11U	10U	11U
Benzaldehyde	µg/L	10U	11U	11U	10U	11U
Benzo(a)anthracene	µg/L	10U	11U	11U	10U	11U
Benzo(a)pyrene	µg/L	10U	11U	11U	10U	11U
Benzo(b)fluoranthene	µg/L	10U	11U	11U	10U	11U
Benzo(g,h,i)perylene	µg/L	10U	11U	11U	10U	11U
Benzo(k)fluoranthene	µg/L	10U	11U	11U	10U	11U
Benzyl Butyl Phthalate	µg/L	2.6J	11U	11U	10U	11U
bis(2-chloroethoxy) meth	µg/L	10U	11U	11U	10U	11U
bis(2-chloroethyl) ether	µg/L	10U	11U	11U	10U	11U
bis(2-ethylhexyl) phthala	µg/L	1.5JB	4.2JB	3.2JB	2.4J	2.4JB
Caprolactam	µg/L	42	46	41	31	320E
Carbazole	µg/L	10U	11U	11U	10U	11U
Chrysene	µg/L	10U	11U	11U	10U	11U
Dibenz(a,h)Anthracene	µg/L	10U	11U	11U	10U	11U
Dibenzofuran	µg/L	10U	11U	11U	10U	11U
Diethyl Phthalate	µg/L	10U	11U	11U	10U	11U
Dimethyl Phthalate	µg/L	10U	11U	11U	10U	11U
di-n-Butyl Phthalate	µg/L	2.5J	11U	2.3J	10U	11U

**Table H-24 Groundwater SVOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 171	FBQ 172	FBQ 173	FBQ 174	FBQ 175
Sample ID		FBQMW-171-0316-GW	FBQMW-172-0318-GW	FBQMW-173-0320-GW	FBQMW-174-0322-GW	FBQMW-175-0324-GW
Date Collected		11/12/2003	11/19/2003	11/20/2003	11/18/2003	11/19/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
di-n-Octyl Phthalate	µg/L	10U	11U	11U	10U	11U
Fluoranthene	µg/L	10U	11U	11U	10U	11U
Fluorene	µg/L	10U	11U	11U	10U	11U
Hexachlorobenzene	µg/L	10U	11U	11U	10U	11U
Hexachlorobutadiene	µg/L	10U	11U	11U	10U	11U
Hexachlorocyclopentadiene	µg/L	10U	11U	11U	10U	11U
Hexachloroethane	µg/L	10U	11U	11U	10U	11U
Indeno(1,2,3-c,d)Pyrene	µg/L	10U	11U	11U	10U	11U
Isophorone	µg/L	10U	11U	11U	10U	11U
Naphthalene	µg/L	10U	11U	11U	10U	11U
Nitrobenzene	µg/L	10U	11U	11U	10U	11U
Nitrobenzene	µg/L	0.26U	0.26U	0.17J	0.26U	0.26U
n-Nitrosodi-n-Propylamine	µg/L	10U	11U	11U	10U	11U
n-Nitrosodiphenylamine	µg/L	10U	11U	11U	10U	11U
Pentachlorophenol	µg/L	21U	23U	22U	20U	21U
Phenanthrene	µg/L	10U	11U	11U	10U	11U
Phenol	µg/L	10U	11U	11U	10U	11U
Pyrene	µg/L	10U	11U	11U	10U	11U

**Table H-24 Groundwater SVOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 176	FBQ 177
Sample ID		FBQMW-176-0326-GW	FBQMW-177-0328-GW
Date Collected		11/10/2003	11/10/2003
Depth (ft)			
Sample Type		Grab	Grab
Analyte	Units		
1,1- Biphenyl	µg/L	12U	11U
2,2-Oxybis(1-Chloroprop	µg/L	12U	11U
2,4,5-Trichlorophenol	µg/L	12U	11U
2,4,6-Trichlorophenol	µg/L	12U	11U
2,4-Dichlorophenol	µg/L	12U	11U
2,4-Dimethylphenol	µg/L	12U	11U
2,4-Dinitrophenol	µg/L	24U	23U
2,4-Dinitrotoluene	µg/L	12U	11U
2,4-Dinitrotoluene	µg/L	0.26U	0.26U
2,6-Dinitrotoluene	µg/L	12U	11U
2,6-Dinitrotoluene	µg/L	0.26U	0.26U
2-Chloronaphthalene	µg/L	12U	11U
2-Chlorophenol	µg/L	12U	11U
2-Methylnaphthalene	µg/L	12U	11U
2-methylphenol	µg/L	12U	11U
2-Nitroaniline	µg/L	12U	11U
2-Nitrophenol	µg/L	12U	11U
3,3-Dichlorobenzidine	µg/L	24U	23U
3-Nitroaniline	µg/L	12U	11U
4,6-dinitro-2-methyl phen	µg/L	24U	23U
4-Bromophenyl-phenylet	µg/L	12U	11U
4-chloro-3-methylphenol	µg/L	12U	11U
4-Chloroaniline	µg/L	12U	11U
4-Chlorophenyl Phenyl E	µg/L	12U	11U
4-methylphenol	µg/L	12U	11U

**Table H-24 Groundwater SVOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 176	FBQ 177
Sample ID		FBQMW-176-0326-GW	FBQMW-177-0328-GW
Date Collected		11/10/2003	11/10/2003
Depth (ft)			
Sample Type		Grab	Grab
Analyte	Units		
4-Nitroaniline	µg/L	12U	11U
4-Nitrophenol	µg/L	24U	23U
Acenaphthene	µg/L	12U	11U
Acenaphthylene	µg/L	12U	11U
Acetophenone	µg/L	12U	11U
Anthracene	µg/L	12U	11U
Atrazine	µg/L	12U	11U
Benzaldehyde	µg/L	12U	11U
Benzo(a)anthracene	µg/L	12U	11U
Benzo(a)pyrene	µg/L	12U	11U
Benzo(b)fluoranthene	µg/L	12U	11U
Benzo(g,h,i)perylene	µg/L	12U	11U
Benzo(k)fluoranthene	µg/L	12U	11U
Benzyl Butyl Phthalate	µg/L	12U	11U
bis(2-chloroethoxy) meth	µg/L	12U	11U
bis(2-chloroethyl) ether	µg/L	12U	11U
bis(2-ethylhexyl) phtala	µg/L	1.4J	2.2J
Caprolactam	µg/L	12U	11U
Carbazole	µg/L	12U	11U
Chrysene	µg/L	12U	11U
Dibenz(a,h)Anthracene	µg/L	12U	11U
Dibenzofuran	µg/L	12U	11U
Diethyl Phthalate	µg/L	12U	11U
Dimethyl Phthalate	µg/L	12U	11U
di-n-Butyl Phthalate	µg/L	12U	11U

**Table H-24 Groundwater SVOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 176	FBQ 177
Sample ID		FBQMW-176-0326-GW	FBQMW-177-0328-GW
Date Collected		11/10/2003	11/10/2003
Depth (ft)			
Sample Type		Grab	Grab
Analyte	Units		
di-n-Octyl Phthalate	µg/L	12U	11U
Fluoranthene	µg/L	12U	11U
Fluorene	µg/L	12U	11U
Hexachlorobenzene	µg/L	12U	11U
Hexachlorobutadiene	µg/L	12U	11U
Hexachlorocyclopentadiene	µg/L	12U	11U
Hexachloroethane	µg/L	12U	11U
Indeno(1,2,3-c,d)Pyrene	µg/L	12U	11U
Isophorone	µg/L	12U	11U
Naphthalene	µg/L	12U	11U
Nitrobenzene	µg/L	12U	11U
Nitrobenzene	µg/L	0.26U	0.26U
n-Nitrosodi-n-Propylamine	µg/L	12U	11U
n-Nitrosodiphenylamine	µg/L	12U	11U
Pentachlorophenol	µg/L	24U	23U
Phenanthrene	µg/L	12U	11U
Phenol	µg/L	12U	11U
Pyrene	µg/L	12U	11U

**Table H-25 Groundwater VOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 166	FBQ 167	FBQ 168	FBQ 169	FBQ 170
Sample ID		FBQMW-166-0306-GW	FBQMW-167-0308-GW	FBQMW-169-0312-GW	FBQMW-169-0312-GW	FBQMW-170-0314-GW
Date Collected		11/20/2003	11/18/2003	11/19/2003	11/18/2003	11/12/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units	92				
1,1,1-Trichloroethane	µg/L	5U	5.8	5U	5U	5U
1,1,2,2-Tetrachloroethane	µg/L	5U	5U	5U	5U	5U
1,1,2-Trichloroethane	µg/L	5U	5U	5U	5U	5U
1,1-Dichloroethane	µg/L	5U	5U	5U	5U	5U
1,1-Dichloroethene	µg/L	5U	4.2J	5U	2.5J	5U
1,2,4-Trichlorobenzene	µg/L	5U	5U	5U	5U	5U
1,2-Dibromo-3-Chloropropan	µg/L	5U	5U	5U	5U	5U
1,2-Dichlorobenzene	µg/L	5U	5U	5U	5U	5U
1,2-Dichloroethane	µg/L	5U	5U	5U	5U	5U
1,2-Dichloropropane	µg/L	5U	5U	5U	5U	5U
1,3-Dichlorobenzene	µg/L	5U	5U	5U	5U	5U
1,4-Dichlorobenzene	µg/L	5U	5U	5U	5U	5U
2-Butanone	µg/L	10U	10U	10U	10U	10U
2-Hexanone	µg/L	10U	10U	10U	10U	10U
4-Methyl-2-Pentanone	µg/L	10U	10U	10U	10U	10U
Acetone	µg/L	10U	5.6JB	6.2J	6JB	6.7JB
Benzene	µg/L	5U	5U	5U	5U	5U
Bromoform	µg/L	5U	5U	5U	5U	5U
Bromomethane	µg/L	10U	10U	10U	10U	10U
Carbon Disulfide	µg/L	5U	5U	5U	5U	5U
Carbon Tetrachloride	µg/L	5U	5U	5U	5U	5U
Chlorobenzene	µg/L	5U	5U	5U	5U	5U
Chloroethane	µg/L	10U	10U	10U	10U	10U
Chloroform	µg/L	5U	5U	5U	5U	5U
Chloromethane	µg/L	10U	10U	10U	10U	10U

**Table H-25 Groundwater VOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 166	FBQ 167	FBQ 168	FBQ 169	FBQ 170
Sample ID		FBQMW-166-0306-GW	FBQMW-167-0308-GW	FBQMW-169-0312-GW	FBQMW-169-0312-GW	FBQMW-170-0314-GW
Date Collected		11/20/2003	11/18/2003	11/19/2003	11/18/2003	11/12/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units	92				
cis-1,2-Dichloroethene	µg/L	5U	5U	5U	5U	5U
cis-1,3-Dichloropropene	µg/L	5U	5U	5U	5U	5U
Cyclohexane	µg/L	5U	5U	5U	5U	5U
Dibromochloromethane	µg/L	5U	5U	5U	5U	5U
Dichlorodifluoromethane	µg/L	5U	5U	5U	5U	5U
Ethylbenzene	µg/L	5U	5U	5U	5U	5U
Ethylene Dibromide	µg/L	5U	5U	5U	5U	5U
Freon 113	µg/L	5U	5U	5U	5U	5U
Isopropylbenzene	µg/L	5U	5U	5U	5U	5U
m,p-Xylenes	µg/L	5U	5U	5U	5U	5U
Methyl Acetate	µg/L	5U	5U	5U	5U	5U
Methylcyclohexane	µg/L	5U	5U	5U	5U	5U
Methylene Chloride	µg/L	5.4JB	6.6JB	5.8JB	5.7JB	5.1JB
o-Xylene	µg/L	5U	5U	5U	5U	5U
Styrene	µg/L	5U	5U	5U	5U	5U
tert-butyl methyl ether	µg/L	5U	5U	5U	5U	5U
Tetrachloroethylene	µg/L	5U	5U	5U	5U	5U
Toluene	µg/L	5U	5U	5U	5U	5U
trans-1,2-dichloroethene	µg/L	5U	5U	5U	5U	5U
trans-1,3-dichloropropene	µg/L	5U	5U	5U	5U	5U
Trichloroethene	µg/L	5U	5U	5U	5U	12
Trichlorofluoromethane	µg/L	5U	5U	5U	5U	5U
Vinyl Chloride	µg/L	10U	10U	10U	10U	10U



**Table H-25 Groundwater VOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 171	FBQ 172	FBQ 173	FBQ 174	FBQ 175
Sample ID		FBQMW-171-0316-GW	FBQMW-172-0318-GW	FBQMW-173-0320-GW	FBQMW-174-0322-GW	FBQMW-175-0324-GW
Date Collected		11/12/2003	11/19/2003	11/20/2003	11/18/2003	11/19/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
1,1,1-Trichloroethane	µg/L	5U	5U	5U	5U	5U
1,1,2,2-Tetrachloroethane	µg/L	5U	5U	5U	5U	5U
1,1,2-Trichloroethane	µg/L	5U	5U	5U	5U	5U
1,1-Dichloroethane	µg/L	5U	5U	5U	5U	5U
1,1-Dichloroethene	µg/L	5U	5U	5U	5U	5U
1,2,4-Trichlorobenzene	µg/L	5U	5U	5U	5U	5U
1,2-Dibromo-3-Chloropropan	µg/L	5U	5U	5U	5U	5U
1,2-Dichlorobenzene	µg/L	5U	5U	5U	5U	5U
1,2-Dichloroethane	µg/L	5U	5U	5U	5U	5U
1,2-Dichloropropane	µg/L	5U	5U	5U	5U	5U
1,3-Dichlorobenzene	µg/L	5U	5U	5U	5U	5U
1,4-Dichlorobenzene	µg/L	5U	5U	5U	5U	5U
2-Butanone	µg/L	10U	10U	10U	10U	10U
2-Hexanone	µg/L	10U	10U	10U	10U	10U
4-Methyl-2-Pentanone	µg/L	10U	10U	10U	10U	10U
Acetone	µg/L	5.3JB	5.9J	10U	6.8JB	6.2J
Benzene	µg/L	5U	5U	5U	5U	5U
Bromoform	µg/L	5U	5U	5U	5U	5U
Bromomethane	µg/L	10U	10U	10U	10U	10U
Carbon Disulfide	µg/L	5U	5U	5U	5U	5U
Carbon Tetrachloride	µg/L	5U	5U	5U	5U	5U
Chlorobenzene	µg/L	5U	5U	5U	5U	5U
Chloroethane	µg/L	10U	10U	10U	10U	10U
Chloroform	µg/L	5U	5U	5U	5U	5U
Chloromethane	µg/L	10U	10U	10U	10U	10U

**Table H-25 Groundwater VOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 171	FBQ 172	FBQ 173	FBQ 174	FBQ 175
Sample ID		FBQMW-171-0316-GW	FBQMW-172-0318-GW	FBQMW-173-0320-GW	FBQMW-174-0322-GW	FBQMW-175-0324-GW
Date Collected		11/12/2003	11/19/2003	11/20/2003	11/18/2003	11/19/2003
Depth (ft)						
Sample Type		Grab	Grab	Grab	Grab	Grab
Analyte	Units					
cis-1,2-Dichloroethene	µg/L	5U	5U	5U	5U	5U
cis-1,3-Dichloropropene	µg/L	5U	5U	5U	5U	5U
Cyclohexane	µg/L	5U	5U	5U	5U	5U
Dibromochloromethane	µg/L	5U	5U	5U	5U	5U
Dichlorodifluoromethane	µg/L	5U	5U	5U	5U	5U
Ethylbenzene	µg/L	5U	5U	5U	5U	5U
Ethylene Dibromide	µg/L	5U	5U	5U	5U	5U
Freon 113	µg/L	5U	5U	5U	5U	5U
Isopropylbenzene	µg/L	5U	5U	5U	5U	5U
m,p-Xylenes	µg/L	5U	5U	5U	5U	5U
Methyl Acetate	µg/L	5U	5U	5U	5U	5U
Methylcyclohexane	µg/L	5U	5U	5U	5U	5U
Methylene Chloride	µg/L	6.4JB	7.5JB	5.8JB	5.8JB	6.6JB
o-Xylene	µg/L	5U	5U	5U	5U	5U
Styrene	µg/L	5U	5U	5U	5U	5U
tert-butyl methyl ether	µg/L	5U	5U	5U	5U	5U
Tetrachloroethylene	µg/L	5U	5U	5U	5U	5U
Toluene	µg/L	5U	5U	5U	5U	5U
trans-1,2-dichloroethene	µg/L	5U	5U	5U	5U	5U
trans-1,3-dichloropropene	µg/L	5U	5U	5U	5U	5U
Trichloroethene	µg/L	7.1	5U	5U	5U	5U
Trichlorofluoromethane	µg/L	5U	5U	5U	5U	5U
Vinyl Chloride	µg/L	10U	10U	10U	10U	10U

**Table H-25 Groundwater VOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 176	FBQ 177
Sample ID		FBQMW-176-0326-GW	FBQMW-177-0328-GW
Date Collected		11/10/2003	11/10/2003
Depth (ft)			
Sample Type		Grab	Grab
Analyte	Units		
1,1,1-Trichloroethane	µg/L	5U	5U
1,1,2,2-Tetrachloroethane	µg/L	5U	5U
1,1,2-Trichloroethane	µg/L	5U	5U
1,1-Dichloroethane	µg/L	5U	5U
1,1-Dichloroethene	µg/L	5U	5U
1,2,4-Trichlorobenzene	µg/L	5U	5U
1,2-Dibromo-3-Chloropropan	µg/L	5U	5U
1,2-Dichlorobenzene	µg/L	5U	5U
1,2-Dichloroethane	µg/L	5U	5U
1,2-Dichloropropane	µg/L	5U	5U
1,3-Dichlorobenzene	µg/L	5U	5U
1,4-Dichlorobenzene	µg/L	5U	5U
2-Butanone	µg/L	10U	10U
2-Hexanone	µg/L	10U	10U
4-Methyl-2-Pentanone	µg/L	10U	10U
Acetone	µg/L	10U	10U
Benzene	µg/L	5U	5U
Bromoform	µg/L	5U	5U
Bromomethane	µg/L	10U	10U
Carbon Disulfide	µg/L	5U	0.97J
Carbon Tetrachloride	µg/L	5U	5U
Chlorobenzene	µg/L	5U	5U
Chloroethane	µg/L	10U	10U
Chloroform	µg/L	5U	5U
Chloromethane	µg/L	10U	10U

**Table H-25 Groundwater VOCs Analytical Results Summary Table  
Fuze and Booster Quarry Ponds Draft Remedial Investigation Report**

Station ID		FBQ 176	FBQ 177
Sample ID		FBQMW-176-0326-GW	FBQMW-177-0328-GW
Date Collected		11/10/2003	11/10/2003
Depth (ft)			
Sample Type		Grab	Grab
Analyte	Units		
cis-1,2-Dichloroethene	µg/L	5U	5U
cis-1,3-Dichloropropene	µg/L	5U	5U
Cyclohexane	µg/L	5U	5U
Dibromochloromethane	µg/L	5U	5U
Dichlorodifluoromethane	µg/L	5U	5U
Ethylbenzene	µg/L	5U	5U
Ethylene Dibromide	µg/L	5U	5U
Freon 113	µg/L	5U	5U
Isopropylbenzene	µg/L	5U	5U
m,p-Xylenes	µg/L	5U	5U
Methyl Acetate	µg/L	5U	5U
Methylcyclohexane	µg/L	5U	5U
Methylene Chloride	µg/L	5JB	5.3JB
o-Xylene	µg/L	5U	5U
Styrene	µg/L	5U	5U
tert-butyl methyl ether	µg/L	5U	5U
Tetrachloroethylene	µg/L	5U	5U
Toluene	µg/L	5U	5U
trans-1,2-dichloroethene	µg/L	5U	5U
trans-1,3-dichloropropene	µg/L	5U	5U
Trichloroethene	µg/L	5U	5U
Trichlorofluoromethane	µg/L	5U	5U
Vinyl Chloride	µg/L	10U	10U

## **CHAIN OF CUSTODY**











# CHAIN OF CUSTODY

DATE: 10/13/2003

COG #: \_\_\_\_\_

PAGE: \_\_\_\_\_ OF \_\_\_\_\_

GPL Project Manager: Debbie Griffin Project Name: RVAAP FBO Project Number: 330-358-1753 Purchase Order No.: PO 0100174		Project Contact: Charmelle Carroll Phone Number: 330-358-1753 PO 0100174		Disposal Instructions: _____ Shipment Method: _____ Waybill Number: _____	
Comments: Hi-Hold Analysis Requested X-Analytes		Lab: _____ Address: 8451 State Route 5 Ravenna OH 44268		Lab Fax: _____	
Sample Information					
No.	LAB Sample ID	Date Sampled	Time Sampled	Matrix	Sampler's Initials
1	FBOss-044-0087-80	10/7/2003	1520	Soil	AL
2	FBOss-036-0071-80	10/7/2003	0500	Soil	AL
3	FBOss-086-0072-80	10/7/2003	0625	Soil	AL
4	FBOss-033-0065-80	10/7/2003	1300	Soil	AL
5	FBOss-033-0068-80	10/7/2003	1330	Soil	AL
6	FBOss-034-0087-80	10/7/2003	1330	Soil	AL
7	FBOss-021-0044-80	10/9/2003	1415	Soil	AL
8	FBOss-021-0073-80	10/9/2003	1415	Soil	AL
9	FBOss-021-0047-80	10/9/2003	1445	Soil	AL
10	FBOss-021-0074-80	10/9/2003	1445	Soil	AL
11	FBOss-022-0048-80	10/9/2003	1505	Soil	AL
12	FBOss-022-0044-80	10/9/2003	1535	Soil	AL
For Lab Use GPL WORK ORDER #: 39082					
Requested By: <i>Charmelle Carroll</i> Date: 10/13/03 Time: 1400 Received By: <i>Charmelle Carroll</i> Date: 10/13/03 Time: 9:50 Requisitioned By: _____ Date: _____ Time: _____ Requisitioned By: _____ Date: _____ Time: _____					

Fed Ex 840760201480





# GPI LABORATORIES, LLLP

202 Perry Parkway  
Gaithersburg, MD 20877  
(301) 926-6802  
Fax (301) 840-1209

Contract # Billing Reference

Project: <u>Fuze/Booker RUMAP</u>		Turnaround Time		Lab Cooler No. <u>6</u>		Pgs.	
Client: <u>Spec Pro</u>		# of Containers		9 6 0			
Send Results To: <u>Chanda Ho Carol</u>		Container Type		882 501 802			
Address: <u>8451 St Rt 5</u>		Preservative Used		None was used			
Phone: <u>330-358-1750</u>		Type of Analysis		[Cap] [Tank] [Water]			
Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	Turnaround Time	Client Comments	Received For Laboratory By:
F02-014-0001-20	9/14	600	SOIL	AL	X		Received For Laboratory By: <u>C. Cerno</u>
F02-014-0002-20	9/14	1015	SOIL	AL	X		Date/Time: <u>10/1/02 9:40</u>
F02-016-0001-20	9/14	905	SOIL	AL	X		Airbill No.:
F02-016-0002-20	9/14	940	SOIL	AL	X		Date/Time: <u>10/1/02 9:40</u>
F02-016-0003-20	9/14	1145	SOIL	AL	X		Airbill No.:
F02-008-0001-20	9/14	1500	SOIL	AL	X		Date/Time: <u>10/1/02 9:40</u>
F02-002-0003-20	9/14	1210	SOIL	AL	X		Airbill No.:
F02-000-0001-20	9/14	1240	SOIL	AL	X		Date/Time: <u>10/1/02 9:40</u>
F02-001-0001-20	9/14	1110	SOIL	AL	X		Airbill No.:
F02-001-0002-20	9/14	1140	SOIL	AL	X		Date/Time: <u>10/1/02 9:40</u>
F02-013-0005-20	9/14	910	SOIL	AL	X		Airbill No.:
F02-013-0006-20	9/14	930	SOIL	AL	X		Date/Time: <u>10/1/02 9:40</u>
Reinquisitioned By: <u>Chanda Ho</u>	Date/Time: <u>10/1/02 10</u>	Received By:	Reinquisitioned By:		Date/Time: <u>10/1/02 9:40</u>	Received For Laboratory By:	
Reinquisitioned By:	Date/Time:	Received By:	Reinquisitioned By:		Date/Time:	Received For Laboratory By:	
Reinquisitioned By:	Date/Time:	Received By:	Reinquisitioned By:		Date/Time:	Received For Laboratory By:	
Lab Comments:						Temp: <u>2.0</u>	

G.P. W.O. 310138

# GPL LABORATORIES, LLLP

202 Perry Parkway  
Gaithersburg, MD 20877  
(301) 926-6802  
Fax (301) 840-1209

Contract #/Billing Reference

1 of 1 Pgs.

Project:	Turnaround Time	# of Containers	Container Type	Preservative Used	Type of Analysis	CLIENT COMMENTS							
Fuze/Boots	5	5	802-802	None	Explos	Lab Coder No.							
Client: Spec for Ice	802-802	802-802	802-802	None	Exp/Trk Methods								
Send Results to: Chambliss Carroll	802-802	802-802	802-802	None	MS/MSD								
Address: 8751 St Rt 5	802-802	802-802	802-802	None	Trk Methods								
Ravenna Blt	802-802	802-802	802-802	None	Exp/Trk Methods								
Phone: 330-357-1753	802-802	802-802	802-802	None	MS/MSD								
Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	Relinquished By:	Received By:	Date/Time	Relinquished By:	Received By:	Date/Time	Relinquished By:	Received By:	Date/Time
F820-003-0025-50	10/24	1458	SOIL	AL	Exp/Trk Methods	MS/MSD	10/24	Chambliss Carroll	10/21	1200	Chambliss Carroll	10/21	1200
F820-004-0007-50	10/24	1555	SOIL	AL	Exp/Trk Methods	MS/MSD	10/24						
F820-004-0001-50	10/24	1615	SOIL	AL	Exp/Trk Methods	MS/MSD	10/24						
F820-005-0009-50	10/24	1410	SOIL	AL	Exp/Trk Methods	MS/MSD	10/24						
F820-005-0014-50	10/24	1435	SOIL	AL	Exp/Trk Methods	MS/MSD	10/24						
F820-006-0011-50	10/24	1630	SOIL	AL	Exp/Trk Methods	MS/MSD	10/24						
F820-006-0012-50	10/24	1645	SOIL	AL	Exp/Trk Methods	MS/MSD	10/24						
F820-012-0023-50	10/24	1715	SOIL	AL	Exp/Trk Methods	MS/MSD	10/24						
F820-012-0014-50	10/24	1722	SOIL	AL	Exp/Trk Methods	MS/MSD	10/24						
Water temp													
F820-147-0292	10/24	1008	Water	RB									
Relinquished By:	Chambliss Carroll		Date/Time	10/21	1200	Received By:		Date/Time		Received By:		Date/Time	
Relinquished By:			Date/Time			Received By:		Date/Time		Received By:		Date/Time	
Relinquished By:			Date/Time			Received By:		Date/Time		Received By:		Date/Time	

G.P. W.O. 310127

Temp: 2.0







































# GPL LABORATORIES, LLLP

202 Perry Parkway  
 Gaithersburg, MD 20877  
 (301) 926-6802  
 Fax (301) 840-1209

Contract #/Billing Reference

10103

Pgs.

Project: RUMAP-Fuze		Turnaround Time		Lab Cooler No.								
Client: Spec Pro		# of Containers: 2 4 4 4		CLIENT COMMENTS								
Send Results To: Chantelle Carron		Container Type: Amb, Amb, Amb, Amb										
Address:		Preservative Used: NONE										
Phone: 330-358-1753		Type of Analysis: SVAC										
Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	Relinquished By:	Received By:	Relinquished By:	Received By:	Date/Time	Shipper:	Airbill No.:	Temp:
131-0891 X	X	1230	Water	KB	Chantelle Carron	Chantelle Carron	Chantelle Carron	Chantelle Carron	4/11/00			30
131-0890 X	X	1230	Water	KB								
Water Temp												





# GPL LABORATORIES, L.L.P.

202 Perry Parkway  
 Gaithersburg, MD 20877  
 (301) 926-6802  
 Fax (301) 940-1209

Contract #Billing Reference

-6599

Project: <b>RUMAP - Fuze</b>		Turnaround Time		Lab Order No.	
Client: <b>Spec Pro</b>		# of Containers		Date/Time	
Send Results To: <b>Chargable Carry</b>		Container Type		Received for Laboratory By: <b>Chemo</b>	
Address:		Preservative Used		Date/Time	
Phone: <b>330-358-1753</b>		Type of Analysis		Albill No.:	
Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	CLIENT COMMENTS
F0801-134-031	1/4	1230	Water	RS	TRM NKL POPP G-10 (Type/Pres)
F0801-135-031	1/4	1258	Water	RB	
F0801-135-031	1/4	1258	Water	RB	
Water Temp					
Reinquished By: <b>Chargable Carry</b>		Date/Time		Received By:	
		1/4   1500			
Reinquished By:		Date/Time		Received By:	
Reinquished By:		Date/Time		Received By:	

Temp: 3.0

Lab Comments:  
 (2) Per Client Do not Analyze Sample for perchlorate. 2/16/03

G.P. W.O. 31/020









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Contract #/Billing Reference

1 of 2 Pgs.

-6150

Project: RWAP - Fuzc / Booster  
 Client: Spec. PTD  
 Send Results To: Chantelle Carron  
 Address:  
 Phone: 330-358-1753

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	Turnaround Time	# of Containers	Container Type	Preservative Used	Type of Analysis	CLIENT COMMENTS		
F002-137-02	02/27/02	1515	SOIL	RB		12	none	H/O2	X			
F002-135-02	02/27/02	1350	SOIL	RB					X			
F002-134-02	02/27/02	1420	SOIL	RB					X			
F002-138-02	02/27/02	940	SOIL	RB					X			
F002-138-02	02/27/02	940	SOIL	RB					X			
F002-127-02	02/24/02	900	SOIL	RB					X			
F002-133-02	02/24/02	1025	SOIL	RB					X			
F002-133-02	02/24/02	1025	SOIL	RB					X			
F002-135-02	02/24/02	0900	SOIL	RB					X			
F002-136-02	02/24/02	840	SOIL	RB					X			
F002-140-02	02/25/02	1010	SOIL	RB					X			
F002-142-02	02/25/02	1010	SOIL	RB					X			
Relinquished By: <u>Chantelle Carron</u>	Date/Time: <u>2/6/02 1730</u>	Received By:	Date/Time:	Received By:	Relinquished By:	Date/Time:	Received for Laboratory By: <u>Chano</u>	Date/Time: <u>2/6/02 1730</u>	Lab Cooler No.			
Relinquished By:	Date/Time:	Received By:	Date/Time:	Received By:	Date/Time:	Shipper:	Airbill No.:	Temp: <u>3.2</u>				
Relinquished By:	Date/Time:	Received By:	Date/Time:	Received By:	Lab Comments:							

G.P. W.O. 311048

**GPL LABORATORIES, LLLP**

202 Perry Parkway  
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Contract #/Billing Reference

831419060716 -3853

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Samplers Initials	Turnaround Time	# of Containers	Container Type	Preservative Used	Type of Analysis	Lab Cooler No.	CLIENT COMMENTS
FB02-157-0210-20 1/8	1515	1515	SOIL	RB	8	8	802-802	NONE	Explosive		
FB02-157-0210-20 1/4	1350	1350	SOIL	RB	8	8	802-802	NONE	Explosive		
FB02-134-0207-20 1/8	1400	1400	SOIL	RB	8	8	802-802	NONE	Explosive		
FB02-138-0203-20 1/8	910	910	SOIL	RB	8	8	802-802	NONE	Explosive		
FB02-138-0203-20 1/4	910	910	SOIL	RB	8	8	802-802	NONE	Explosive		
FB02-137-0204-20 1/8	900	900	SOIL	RB	8	8	802-802	NONE	Explosive		
FB02-133-0204-20 1/8	10:35	10:35	SOIL	RB	8	8	802-802	NONE	Explosive		
FB02-133-0208-20 1/8	1005	1005	SOIL	RB	8	8	802-802	NONE	Explosive		
Requisitioned By: <i>Wendy Carroll</i>					Date/Time: 1/6/11 1100	Received By:	Date/Time: 1/6/11 9:55	Retinquisitioned By:	Date/Time: 1/6/11 9:55	Received for Laboratory By: <i>John</i>	Date/Time: 1/6/11 9:55
Requisitioned By:					Date/Time:	Received By:	Date/Time:	Retinquisitioned By:	Date/Time:	Received for Laboratory By:	Date/Time:
Requisitioned By:					Date/Time:	Received By:	Date/Time:	Retinquisitioned By:	Date/Time:	Received for Laboratory By:	Date/Time:
Lab Comments:										Tamp: 3.0	

G.P. W.O. 311049



202 Perry Parkway  
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Contract #Billing Reference

2 of 2 Pgs.

-6150

Project: RVAMP-Fuze Booster		Turnaround Time		Lab Cooler No.	
Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	CLIENT COMMENTS
F001-113-0982	1/6	1110	SOIL	RB	Exp/for
F001-154-1110	1/6	1350	SOIL	RB	Exp/for
F001-159-027150	1/6	1350	SOIL	RB	Exp/for
F001-160-02855A	1/6	1375	SOIL	RB	Exp/for
F001-165-02702A	1/6	1405	SOIL	RB	Exp/for
F001-161-027350	1/6	1440	SOIL	RB	Exp/for
F001-142-0927-20	1/6	1510	SOIL	RB	Exp/for
F001-161-027650	1/6	1650	SOIL	RB	Exp/for
F001-163-027650	1/6	1615	SOIL	RB	Exp/for
F001-162-027750	1/6	1600	SOIL	RB	Exp/for
F001-141-027650	1/6	1540	SOIL	RB	Exp/for
F001B-0291	1/6	1700	Water		Exp/for
Relinquished By: <i>Chantelle Carroll</i>		Date/Time: 1/6 1730	Received By:	Date/Time: 1/10 935	Received for Laboratory By: <i>John</i>
Relinquished By:		Date/Time:	Received By:	Date/Time:	Shipper:
Relinquished By:		Date/Time:	Received By:	Date/Time:	Airbill No.:
Lab Comments: <i>Sample not received 11/10/03</i> <i>see sample receiving</i>					Temp: 3.0

G.P. W.O. 311048



















# GPL LABORATORIES, LLLP

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Contract #/Billing Reference

1 of 2 Pgs.

-6171

Project: <b>RVAAP-FBG</b>		Turnaround Time		LAB COOKER NO.	
Client: <b>SpecPro, Inc</b>		# of Containers: <b>6</b>			
Send Results To: <b>Charlette Carroll</b>		Container Type: <b>50g 87 80g</b>			
Address: <b>8457 St Rt 5</b>		Preservative Used: <b>W/C</b>			
Phone: <b>330.358.1753</b>		Type of Analysis: <b>TRM NF</b>			
Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	CLIENT COMMENTS
<b>FBQ 55 094 01875</b>	<b>11/12</b>	<b>1325</b>	<b>Soil</b>	<b>RB</b>	
<b>FBQ 55 094 01875</b>	<b>11/12</b>	<b>1545</b>			
<b>FBQ 55 094 01885</b>	<b>11/12</b>	<b>1325</b>			
<b>FBQ 55 094 01910</b>	<b>11/12</b>	<b>1340</b>			
<b>FBQ 55 094 01940</b>	<b>11/12</b>	<b>1420</b>			
<b>FBQ 55 094 01950</b>	<b>11/12</b>	<b>1405</b>			
<b>FBQ 55 094 01950</b>	<b>11/12</b>	<b>1440</b>			
<b>FBQ 55 094 01950</b>	<b>11/12</b>	<b>1500</b>			
<b>FBQ 55 094 01980</b>	<b>11/12</b>	<b>1630</b>			
<b>FBQ 55 094 01970</b>	<b>11/12</b>	<b>1610</b>			
Reinquisitioned By: <b>[Signature]</b>	Date/Time	Received By:	Date/Time	Received By:	Date/Time
	<b>10/4 1700</b>				
Reinquisitioned By:	Date/Time	Received By:	Date/Time	Received By:	Date/Time
Reinquisitioned By:	Date/Time	Received By:	Date/Time	Received By:	Date/Time
Reinquisitioned By:			Reinquisitioned By:		Received for Laboratory By: <b>[Signature]</b>
Date/Time			Date/Time		Date/Time
					<b>11/12 09:00</b>
Airbill No.:			Shipper:		Airbill No.:
Lab Comments:			Lab Comments:		Temp: <b>U.P.</b>

G.P. W.O. 311096







# GPL LABORATORIES, LLLP

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Contract #Billing Reference

1 of 2 Pgs

840760198182

Project: RVAMP - Fuze Booster

Client: Spei Pro

Send Results to: Chantelle Carroll

Address:

Ravenna OH

Phone: 330-858-1753

Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	Turnaround Time	# of Containers	Container Type	Preservative Used	Type of Analysis	CLIENT COMMENTS
190-01-01-30	11/17	845	SOIL	EB	60	6	5/4	None	TLCP+OC	Lab Cooler No.
190-01-01-50	11/17	901	SOIL	EB	802	802	802	None	TLCP+OC	
190-01-01-30	11/17	845	SOIL	EB	None	None	None	None	TLCP+OC	
190-01-01-50	11/17	901	SOIL	EB	None	None	None	None	TLCP+OC	
190-01-01-30	11/17	930	SOIL	EB	None	None	None	None	TLCP+OC	
190-01-01-50	11/17	940	SOIL	EB	None	None	None	None	TLCP+OC	
190-01-01-30	11/17	1047	SOIL	EB	None	None	None	None	TLCP+OC	
190-01-01-50	11/17	1055	SOIL	EB	None	None	None	None	TLCP+OC	
190-01-01-30	11/17	955	SOIL	EB	None	None	None	None	TLCP+OC	
190-01-01-50	11/17	1005	SOIL	EB	None	None	None	None	TLCP+OC	
190-01-01-30	11/17	1040	SOIL	EB	None	None	None	None	TLCP+OC	
190-01-01-50	11/17	1630	SOIL	CC	None	None	None	None	TLCP+OC	
Reinquisitioned By:	Date/Time	Received By:	Date/Time	Received By:	Reinquisitioned By:	Date/Time	Received By:	Date/Time	Received By:	Temp.
Chantelle Carroll	11/17	1730								3.0



# GPI LABORATORIES, LLP

202 Perry Parkway  
 Gaithersburg MD 20877  
 (301) 926-6802  
 Fax (301) 640-1209

Contract # Billing Reference

-6193

Project: <b>RMA-Fuze Broder</b>		Turnaround Time		of		Page	
Client: <b>Spec Pro</b>		# of Containers		4		2	
Send Results To: <b>Charlene Carroll</b>		Container Type		Amb/amb Poly Amb Amb		Lab Cooler No.	
Address: <b>Ravenna OH</b>		Preservative Used		NOV HAN/ HND/ HNE NOV		CLIENT COMMENTS	
Phone: <b>330-358-1753</b>		Type of Analysis		SUC			
Sample ID#	Date Sampled	Time Sampled	Sample Matrix	Sampler's Initials	Performed	Requisitioned By	Received for Laboratory By
<del>F20-11-01-01-01</del>	<del>11/01</del>	<del>11:00</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-02</del>	<del>11/01</del>	<del>11:00</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
F20-11-01-01-03	11/01	11:05	H <sub>2</sub> O	RB	2	THOMAS	11/01
F20-11-01-01-04	11/01	11:15	H <sub>2</sub> O	RB	2	THOMAS	11/01
<del>F20-11-01-01-05</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-06</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-07</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-08</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-09</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-10</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-11</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-12</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-13</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-14</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-15</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-16</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-17</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-18</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-19</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-20</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-21</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-22</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-23</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-24</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-25</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-26</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-27</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-28</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-29</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-30</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-31</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-32</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-33</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-34</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-35</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-36</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-37</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-38</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-39</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-40</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-41</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-42</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-43</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-44</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-45</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
<del>F20-11-01-01-46</del>	<del>11/01</del>	<del>11:15</del>	<del>H<sub>2</sub>O</del>	<del>RB</del>	<del>2</del>	<del>THOMAS</del>	<del>11/01</del>
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