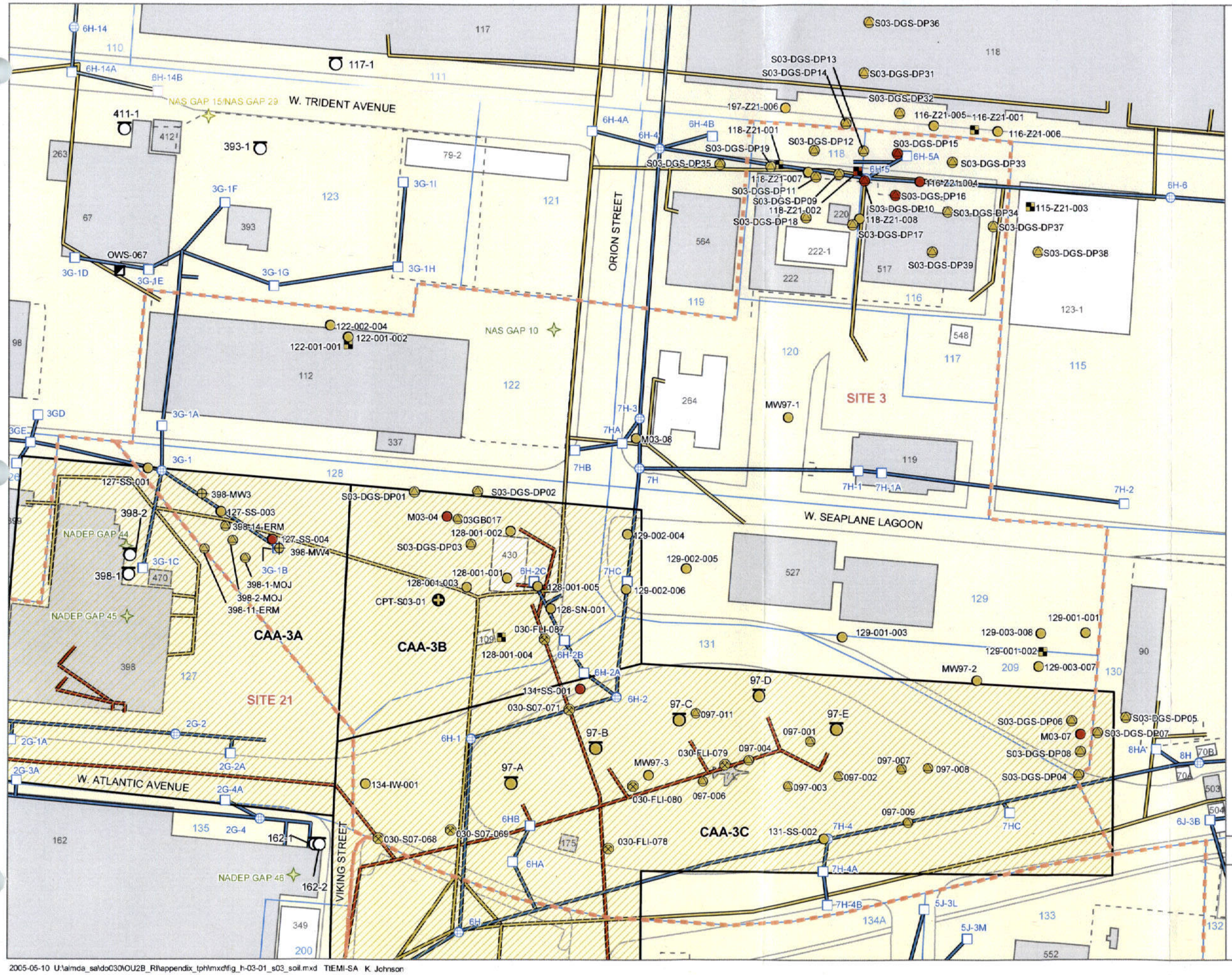
Previous

FIGURES



SAMPLING LOCATION
(RED INDICATES "EXCEEDS PRC")

- Direct-Push
- Excavation
- Monitoring Well
- Pipe
- Soil Boring
- Surface Location
- Soil Punch

UNDERGROUND STORAGE TANK (UST)

- Present
- Removed

- GENERATOR ACCUMULATION POINT (GAP)
- SOLID WASTE MANAGEMENT UNIT (SWMU)
- CATCH BASIN
- MANHOLE
- OIL-WATER SEPARATOR (OWS)
- FENCE
- FUEL LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- CORRECTIVE ACTION AREA (CAA)
- CERCLA SITE BOUNDARY
- ENVIRONMENTAL BASELINE SURVEY (EBS) PARCEL BOUNDARY AND NUMBER
- LAND COVER

BUILDING

- Present
- Removed

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
GAP = Generator accumulation point
NADEP = Naval Aviation Depot Alameda
NAS = Naval Air Station
PRC = Preliminary Remediation Criteria
SWMU = Solid Waste Management Unit
TPH = Total Petroleum Hydrocarbon

50 0 50 100 Feet

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FIGURE H-3-1
SITE 3
SOIL SAMPLING LOCATIONS

TPH Risk Evaluation
Remedial Investigation Report
Sites 3, 4, 11, and 21

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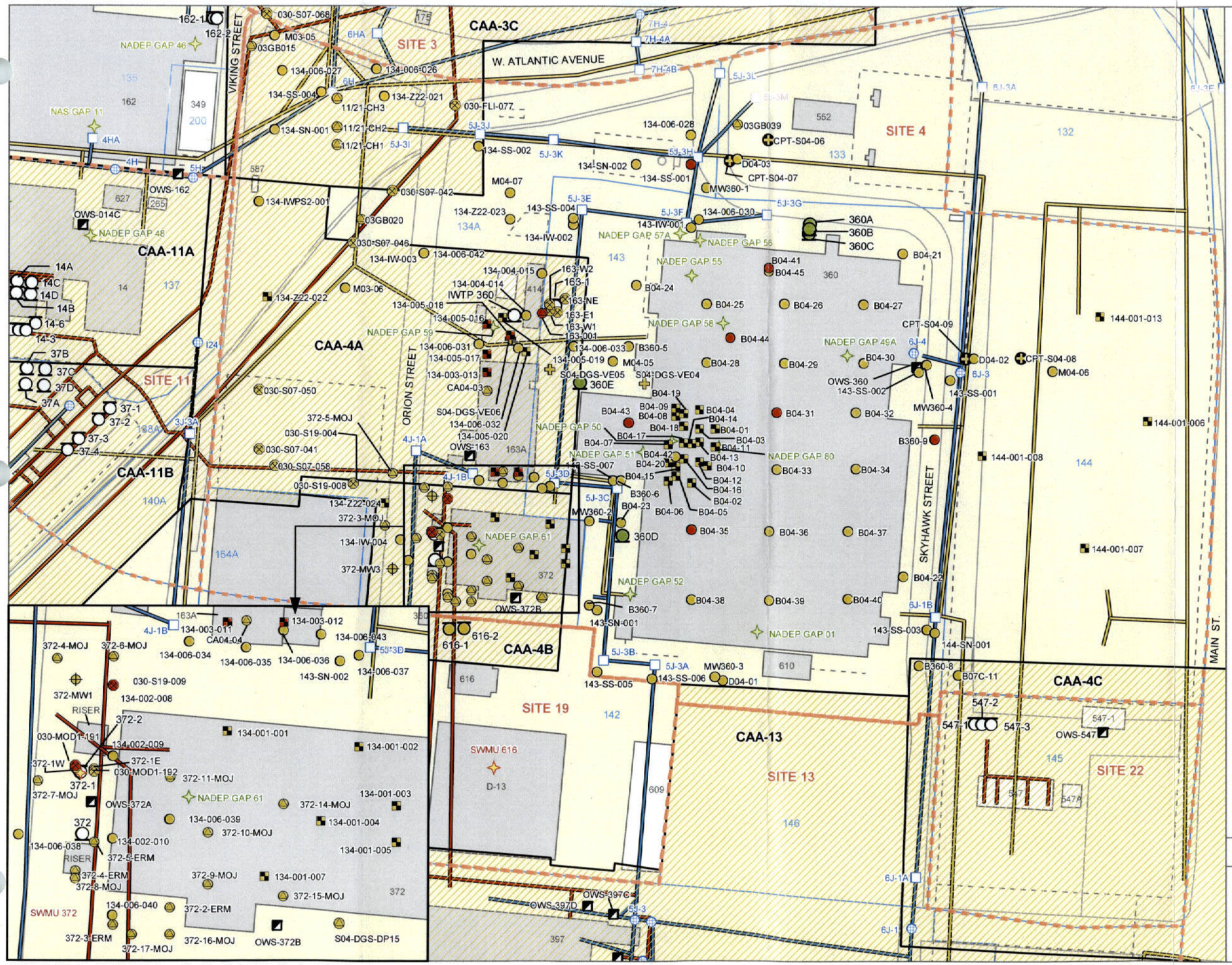

SAMPLING LOCATION
(RED INDICATES "EXCEEDS PRC")

- Direct-Push
- Excavation
- Monitoring Well
- Soil Boring
- Surface Location
- Soil Punch
- Vacuum Extraction

ABOVEGROUND STORAGE TANK (AST)

- Present
- Removed

UNDERGROUND STORAGE TANK (UST)

- Present
- Removed
- GENERATOR ACCUMULATION POINT (GAP)
- SOLID WASTE MANAGEMENT UNIT (SWMU)
- CATCH BASIN
- MANHOLE
- OIL-WATER SEPARATOR (OWS)
- FENCE
- FUEL LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- CORRECTIVE ACTION AREA (CAA)
- CERCLA SITE BOUNDARY
- ENVIRONMENTAL BASELINE SURVEY (EBS) PARCEL BOUNDARY AND NUMBER
- LAND COVER

BUILDING

- Present
- Removed

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
GAP = Generator accumulation point
NADEP = Naval Aviation Depot Alameda
NAS = Naval Air Station
PRC = Preliminary Remediation Criteria
SWMU = Solid Waste Management Unit
TPH = Total Petroleum Hydrocarbon

60 0 60 120 Feet

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FIGURE H-4-1
SITE 4 SOIL SAMPLING LOCATIONS

TPH Risk Evaluation
Remedial Investigation Report
Sites 3, 4, 11, and 21

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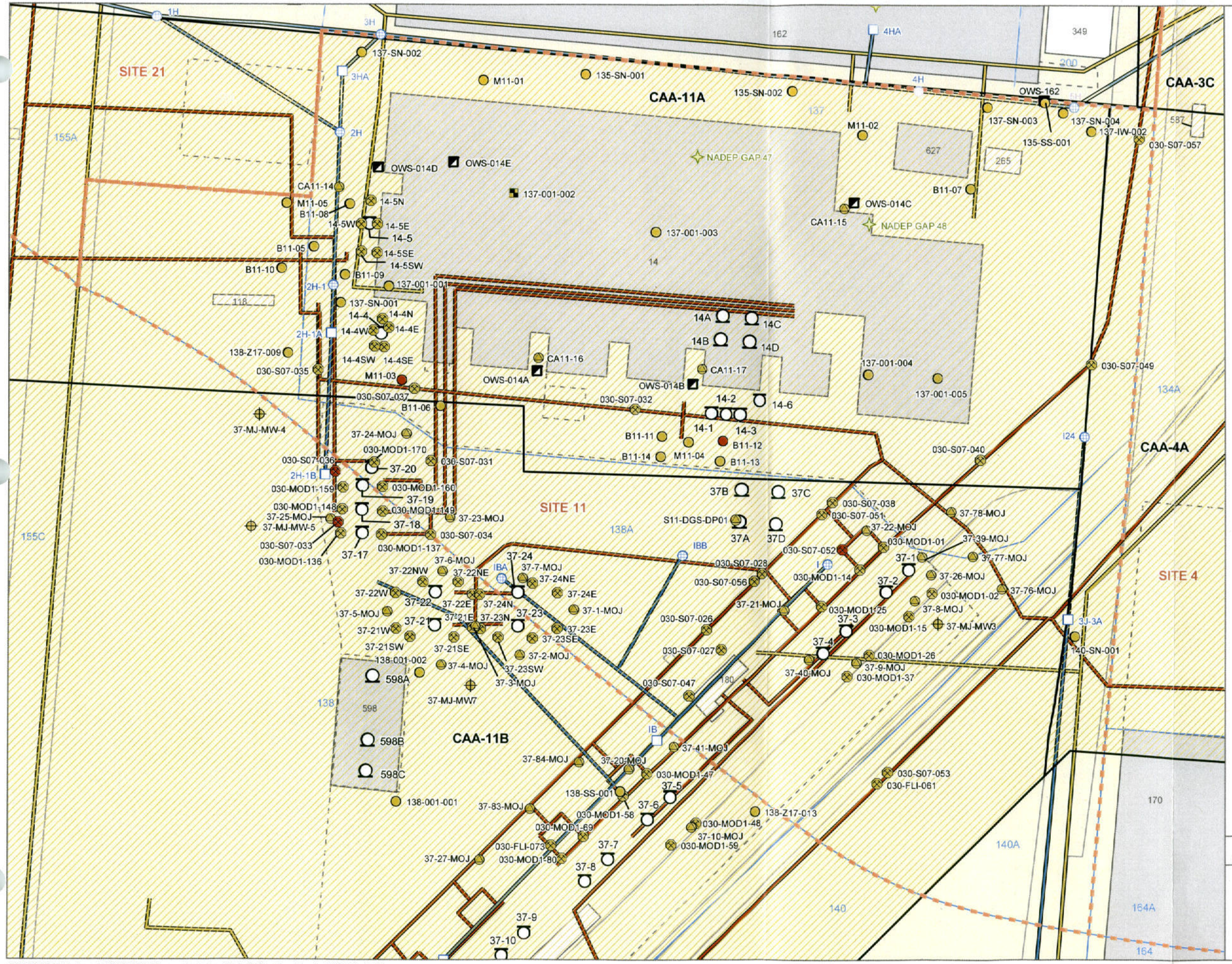

SAMPLING LOCATION
(RED INDICATES "EXCEEDS PRC")

- Direct-Push
- Excavation
- Monitoring Well
- Soil Boring
- Surface Location

ABOVEGROUND STORAGE TANK (AST)

- Present
- Removed

UNDERGROUND STORAGE TANK (UST)

- Present
- Removed

- GENERATOR ACCUMULATION POINT (GAP)
- CATCH BASIN
- MANHOLE
- OIL-WATER SEPARATOR (OWS)
- FENCE
- FUEL LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- CORRECTIVE ACTION AREA (CAA)
- CERCLA SITE BOUNDARY
- # ENVIRONMENTAL BASELINE SURVEY (EBS) PARCEL BOUNDARY AND NUMBER
- LAND COVER

BUILDING

- Present
- Removed

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
GAP = Generator accumulation point
NADEP = Naval Aviation Depot Alameda
PRC = Preliminary Remediation Criteria
TPH = Total Petroleum Hydrocarbon

30 0 30 60 Feet

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FIGURE H-5-1
SITE 11
SOIL SAMPLING LOCATIONS

TPH Risk Evaluation
Remedial Investigation Report
Sites 3, 4, 11, and 21

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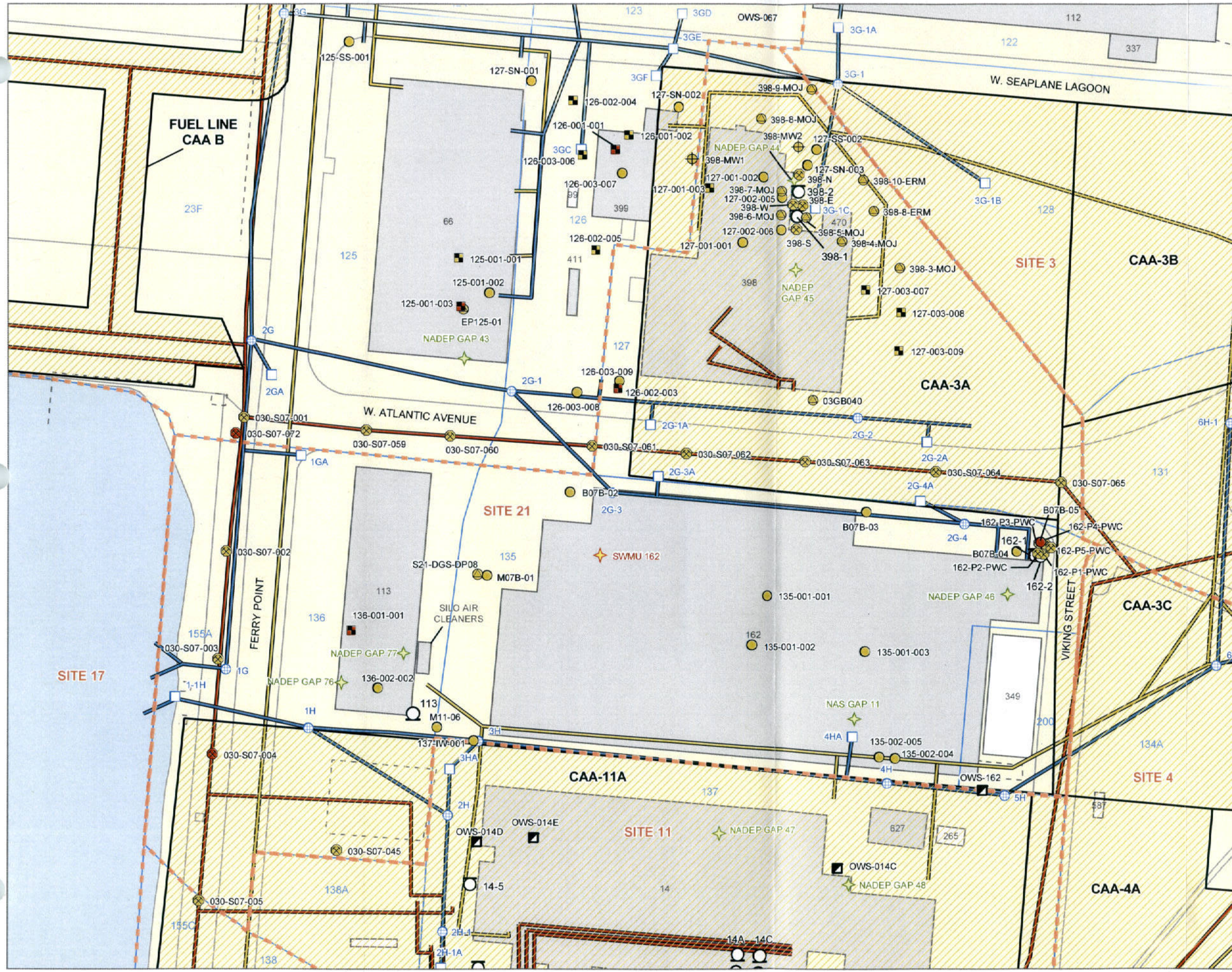

SAMPLING LOCATION
(RED INDICATES "EXCEEDS PRC")

- Direct-Push
- Excavation
- Monitoring Well
- Soil Boring
- Surface Location

ABOVEGROUND STORAGE TANK (AST)

- Present
- Removed

UNDERGROUND STORAGE TANK (UST)

- Present
- Removed
- GENERATOR ACCUMULATION POINT (GAP)
- SOLID WASTE MANAGEMENT UNIT (SWMU)
- CATCH BASIN
- MANHOLE
- OIL-WATER SEPARATOR (OWS)
- FENCE
- FUEL LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- CORRECTIVE ACTION AREA (CAA)
- CERCLA SITE BOUNDARY
- ENVIRONMENTAL BASELINE SURVEY (EBS) PARCEL BOUNDARY AND NUMBER
- LAND COVER
- WATER

BUILDING

- Present
- Removed

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
GAP = Generator accumulation point
NADEP = Naval Aviation Depot Alameda
NAS = Naval Air Station
PRC = Preliminary Remediation Criteria
SWMU = Solid Waste Management Unit

40 0 40 80 Feet

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FIGURE H-6-1
SITE 21
SOIL SAMPLING LOCATIONS

TPH Risk Evaluation
Remedial Investigation Report
Sites 3, 4, 11, and 21

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SAMPLING LOCATION (RED INDICATES "EXCEEDS PRC")

CORRECTIVE ACTION AREA (CAA)

CERCLA SITE BOUNDARY

ENVIRONMENTAL BASELINE SURVEY (EBS) PARCEL BOUNDARY AND NUMBER

LAND COVER

WATER

BUILDING

Present

Removed

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
PRC = Primary Remediation Criteria
TPH = Total Petroleum Hydrocarbon

100 0 100 200 Feet

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FIGURE H-7-1
OU-2B
GROUNDWATER SAMPLING LOCATIONS

TPH Risk Evaluation
Remedial Investigation Report
Sites 3, 4, 11, and 21

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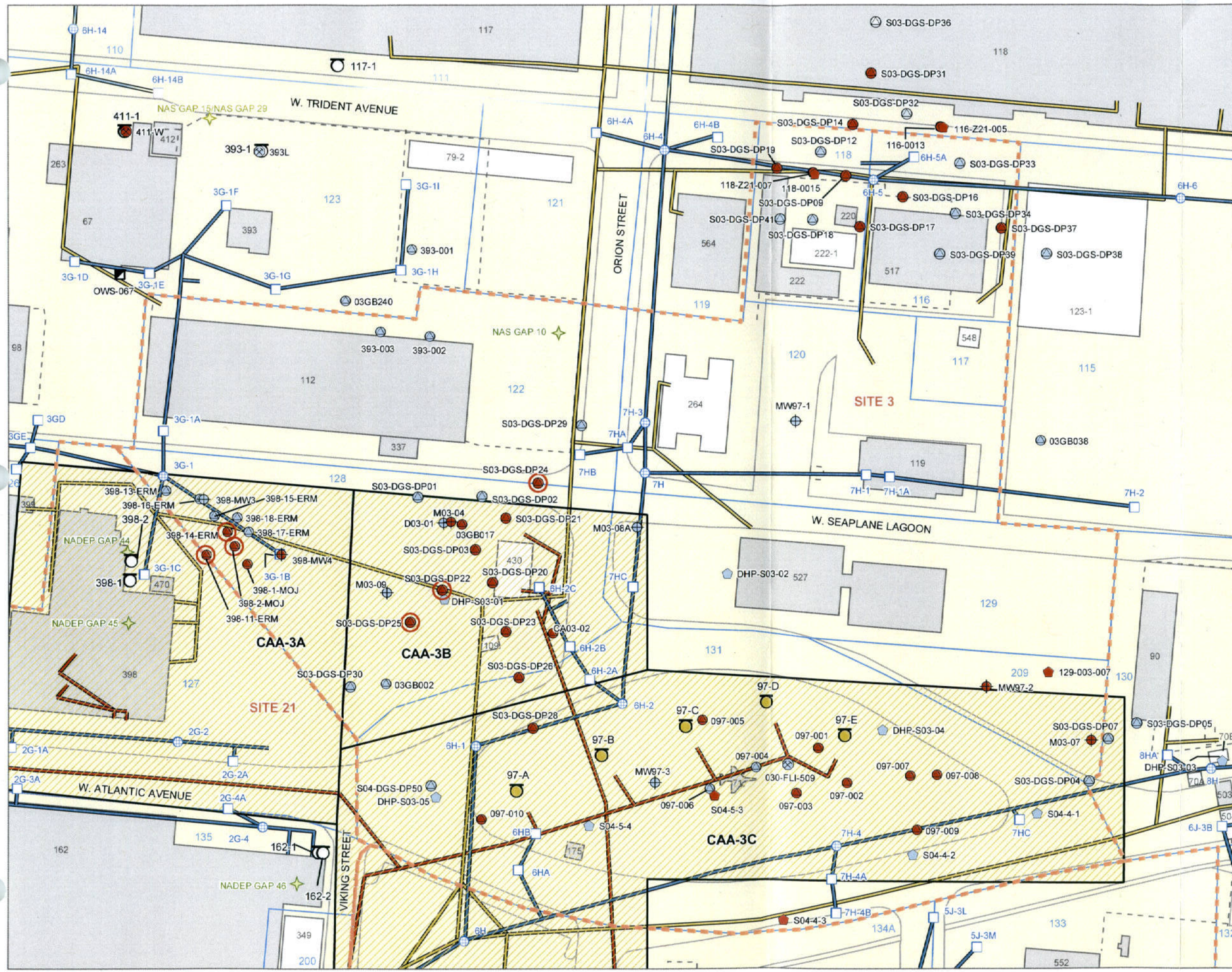

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FIGURE H-7-2
SITE 3
GROUNDWATER SAMPLING LOCATIONS

TPH Risk Evaluation
Remedial Investigation Report
Sites 3, 4, 11, and 21

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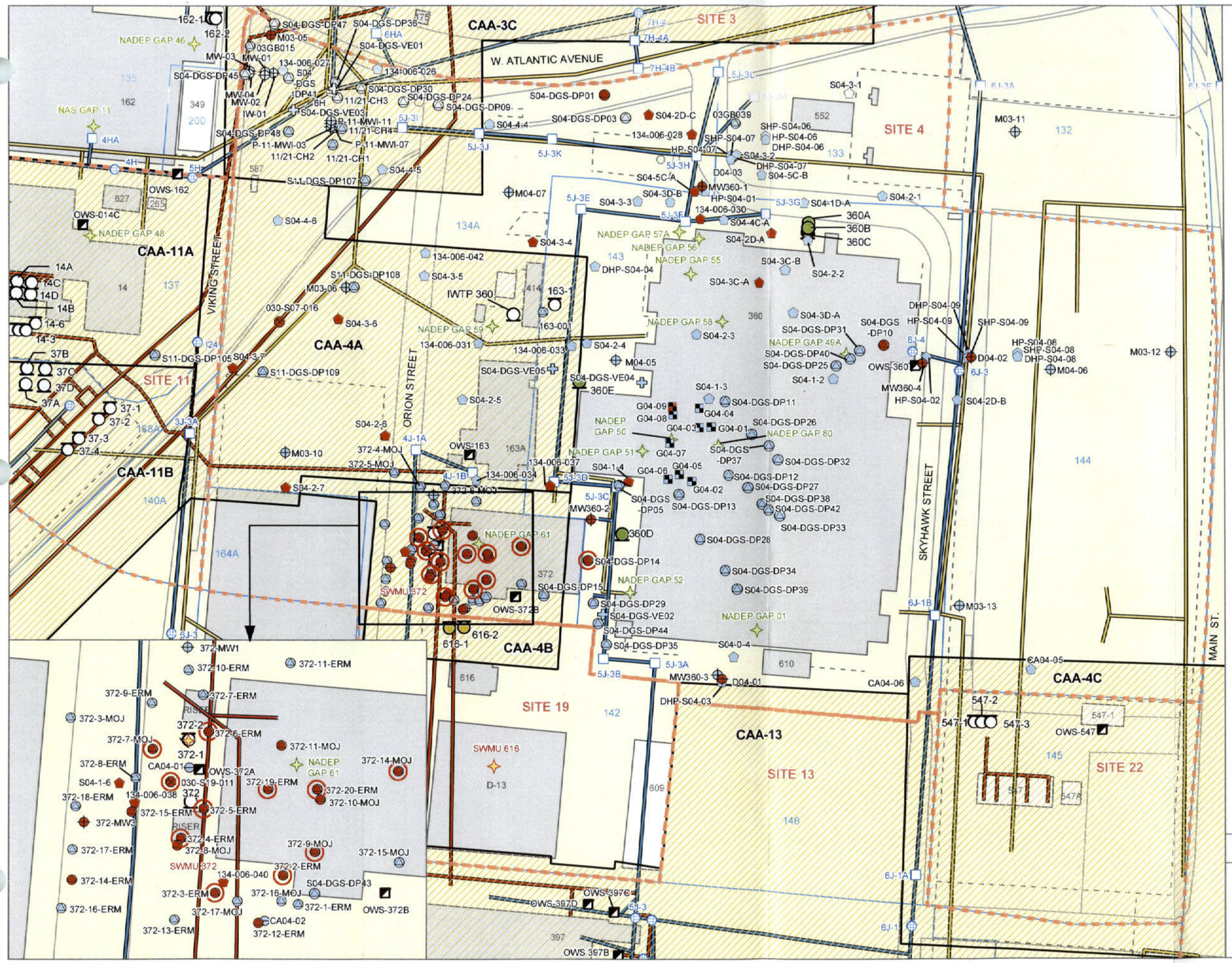

SAMPLING LOCATION
(RED INDICATES "EXCEEDS PRC")

- Direct-Push
- Excavation
- Hydropunch
- Manhole Storm Drain
- Monitoring Well
- Piezometer
- Surface Location
- Vacuum Extraction
- Exceeds floating product screening level

ABOVEGROUND STORAGE TANK (AST)

- Present
- Removed

UNDERGROUND STORAGE TANK (UST)

- Present
- Removed
- GENERATOR ACCUMULATION POINT (GAP)
- SOLID WASTE MANAGEMENT UNIT (SWMU)
- CATCH BASIN
- MANHOLE
- OIL-WATER SEPARATOR (OWS)
- FENCE
- FUEL LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- CORRECTIVE ACTION AREA (CAA)
- CERCLA SITE BOUNDARY
- ENVIRONMENTAL BASELINE SURVEY (EBS) PARCEL BOUNDARY AND NUMBER
- LAND COVER

BUILDING

- Present
- Removed

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
GAP = Generator accumulation point
NADEP = Naval Aviation Depot Alameda
NAS = Naval Air Station
PRC = Preliminary Remediation Criteria
SWMU = Solid Waste Management Unit
TPH = Total Petroleum Hydrocarbon

60 0 60 120 Feet

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FIGURE H-7-3
SITE 4
GROUNDWATER SAMPLING LOCATIONS

TPH Risk Evaluation
Remedial Investigation Report
Sites 3, 4, 11, and 21

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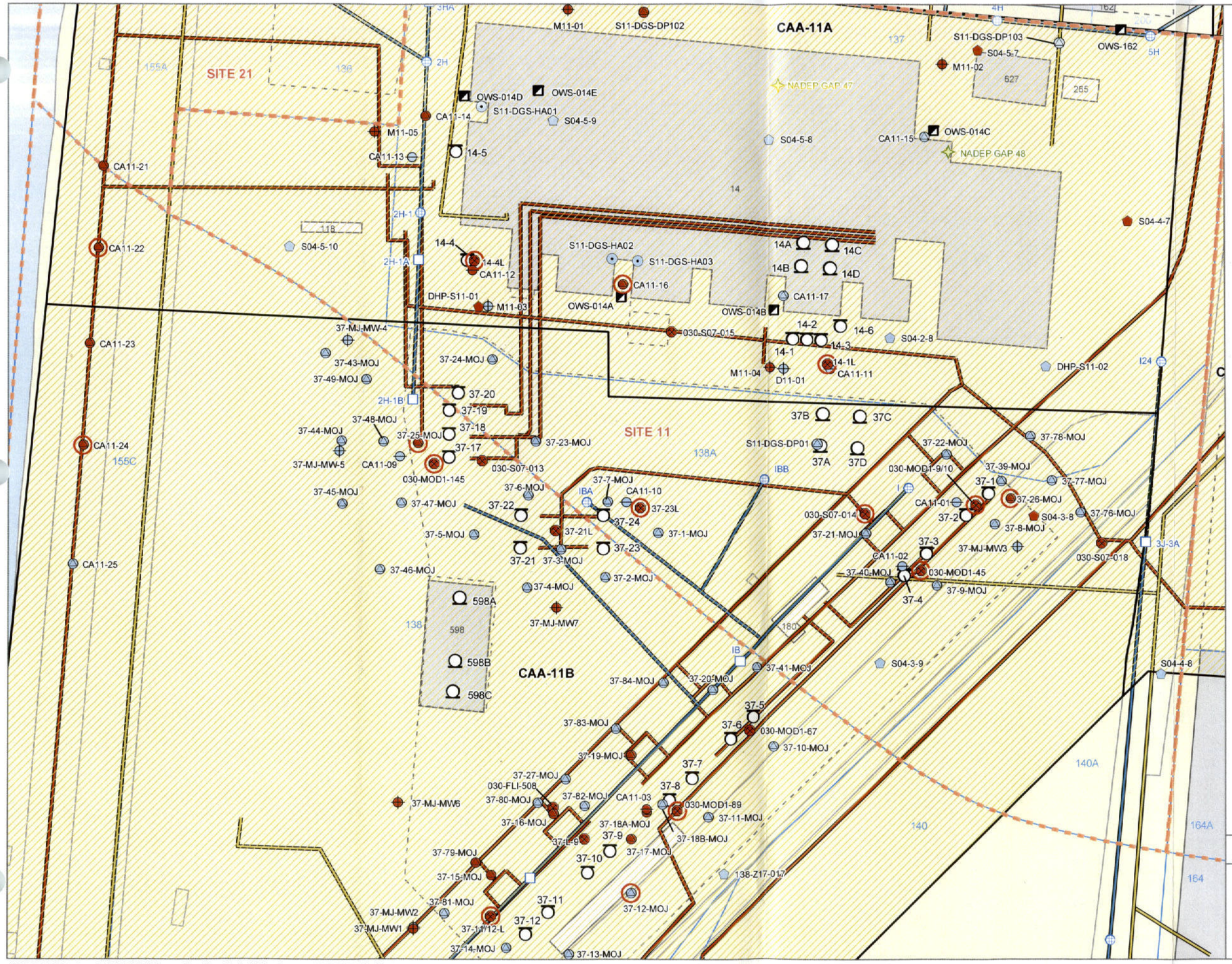

SAMPLING LOCATION
(RED INDICATES "EXCEEDS PRC")

- Direct-Push
- Excavation
- Hydropunch
- Monitoring Well
- Piezometer
- Exceeds floating product screening level

ABOVEGROUND STORAGE TANK (AST)

- Present
- Removed

UNDERGROUND STORAGE TANK (UST)

- Present
- Removed
- GENERATOR ACCUMULATION POINT (GAP)
- CATCH BASIN
- MANHOLE
- OIL-WATER SEPARATOR (OWS)
- FENCE
- FUEL LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- CORRECTIVE ACTION AREA (CAA)
- CERCLA SITE BOUNDARY
- ENVIRONMENTAL BASELINE SURVEY (EBS) PARCEL BOUNDARY AND NUMBER
- LAND COVER
- WATER

BUILDING

- Present
- Removed

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
GAP = Generator accumulation point
NADEP = Naval Aviation Depot Alameda
PRC = Preliminary Remediation Criteria
TPH = Total Petroleum Hydrocarbon

30 0 30 60 Feet

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FIGURE H-7-4
SITE 11
GROUNDWATER SAMPLING LOCATIONS

TPH Risk Evaluation
Remedial Investigation Report
Sites 3, 4, 11, and 21

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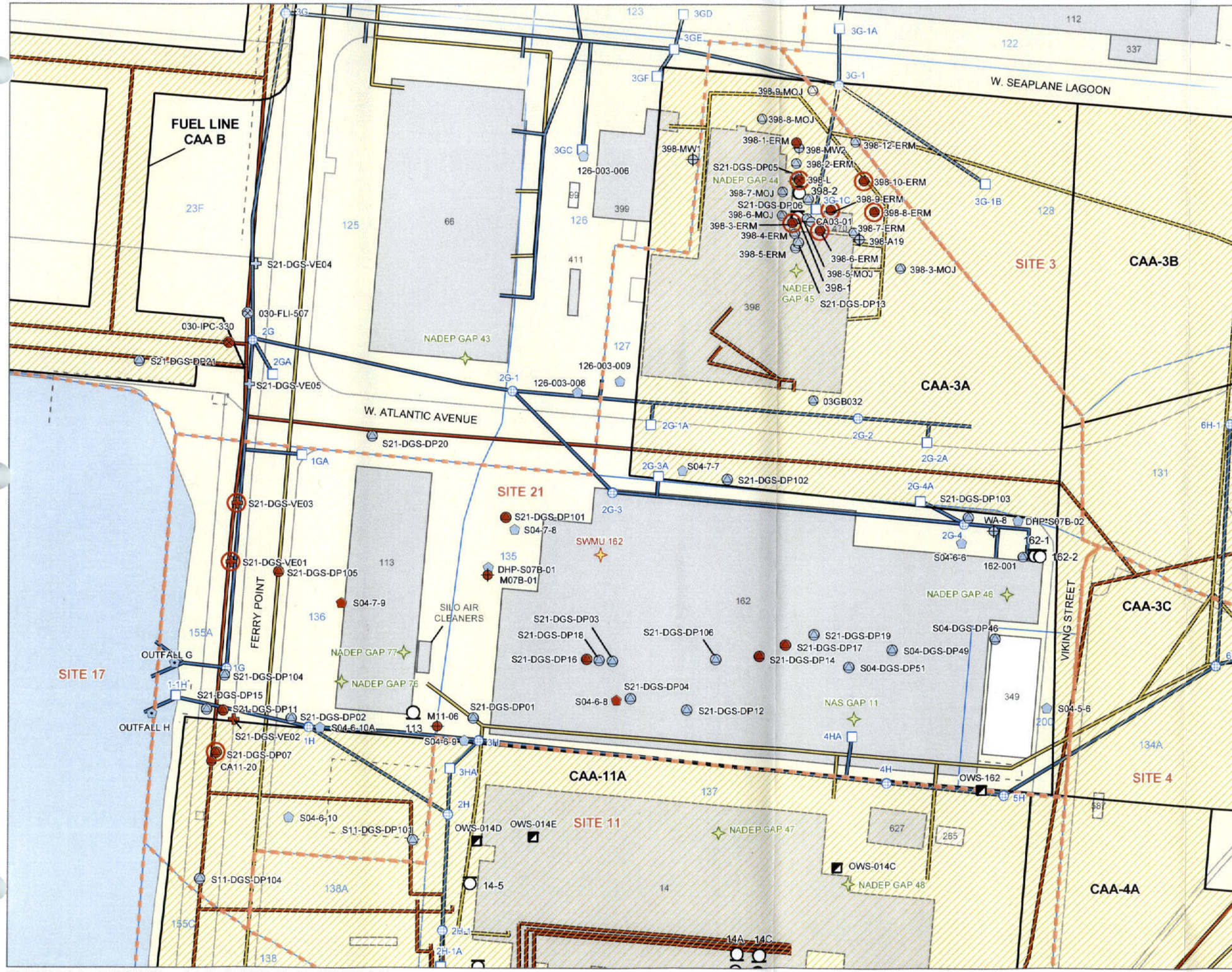

SAMPLING LOCATION
(RED INDICATES "EXCEEDS PRC")

- Direct-Push
- Excavation
- Hydropunch
- Monitoring Well
- Piezometer
- Storm Drain Outlet
- Vacuum Extraction
- Exceeds floating product screening level

ABOVEGROUND STORAGE TANK (AST)

- Present
- Removed

UNDERGROUND STORAGE TANK (UST)

- Present
- Removed
- GENERATOR ACCUMULATION POINT (GAP)
- SOLID WASTE MANAGEMENT UNIT (SWMU)
- CATCH BASIN
- MANHOLE
- OIL-WATER SEPARATOR (OWS)
- FENCE
- FUEL LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- CORRECTIVE ACTION AREA (CAA)
- CERCLA SITE BOUNDARY
- ENVIRONMENTAL BASELINE SURVEY (EBS) PARCEL BOUNDARY AND NUMBER
- LAND COVER
- WATER

BUILDING

- Present
- Removed

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
GAP = Generator accumulation point
NADEP = Naval Aviation Depot Alameda
NAS = Naval Air Station
PRC = Preliminary Remediation Criteria
SWMU = Solid Waste Management Unit
TPH = Total Petroleum Hydrocarbon

40 0 40 80 Feet

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FIGURE H-7-5
SITE 21
GROUNDWATER SAMPLING LOCATIONS

TPH Risk Evaluation
Remedial Investigation Report
Sites 3, 4, 11, and 21

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TABLES

TABLE H-2-1: PRELIMINARY REMEDIATION CRITERIA

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

	Preliminary Remediation Criteria for Soil Contamination, in mg/kg				Preliminary Remediation Criteria for Groundwater Contamination, in mg/L		
			Health Risk from Inhalation			Marine Ecological Receptors	
	Residential	Nonresidential	Residential	Nonresidential	Potential Drinking Water Source (MCL)	Storm Drain Exposure Pathway (AWQC)	Groundwater Discharge to Surface Water (<= 250 feet)
Total Petroleum Hydrocarbon-Associated							
Benzene	0.65	1.5	0.00991	0.0167	0.001	0.7	12.323
Toluene	520	520	33.2	46.5	0.15	5	-
Ethylbenzene	230	230	169	169	0.7	0.43	-
Xylenes (Total)	210	210	106	148	1.75	-	-
MTBE	17	37	8.1	13.6	0.005	8	140.833
Lead	221	4,766	-	-	0.015	0.0081	0.143
Total Petroleum Hydrocarbon Fractions							
Gasoline	1,030	5,900	-	-	-	-	-
Diesel/Jet Fuel	1,380	6,700	-	-	-	-	-
Motor Oil	1,900	9,400	-	-	-	-	-
Total Total Petroleum Hydrocarbons							
TTPH	-	-	-	-	-	1.4	20

Indicators of Potential Floating Product	
TTPH in water	20 mg/L
TTPH in soil	14,000 mg/kg

Notes:

MCL	Maximum contaminate levels
AWQC	Ambient water quality criteria
-	No preliminary remediation criteria established
mg/kg	milligrams per kilogram
mg/L	miligrams per liter
TPH	Total petroleum hydrocarbons
TTPH	Total TPH (sum of all TPH fractions)

TABLE H-3-1: SOIL ANALYTICAL DATA - SITE 3

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

				Concentration (mg/kg)										
Point Name	Sample Identification	Sampling Date	Sampling Depth (feet bgs)	TTPH	TPH-d	TPH-g	TPH-mo	Jet Fuel	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	Lead
030-FLI-078	030-FLI-078	10/28/1998	0 - 4.5	ND	12 U	0.6 UJ	12 U	12 U	0.0006 UJ	0.0006 UJ	0.0006 UJ	0.0012 UJ	0.004 J	NA
030-FLI-079	030-FLI-079	10/29/1998	0 - 5.5	ND	12 U	0.59 U	12 U	12 U	0.0006 U	0.00059 UJ	0.00059 UJ	0.0018 UJ	0.03 U	NA
030-FLI-080	030-FLI-080	10/30/1998	0 - 6	57	12 U	0.58 U	57 J	12 U	0.0006 U	0.00058 U	0.00058 U	0.0017 U	0.029 U	NA
030-FLI-087	030-FLI-087	11/2/1998	0 - 6.5	37	11 U	1	36	11 U	0.0006 U	0.00056 U	0.00056 U	0.0049	0.028 U	NA
030-S07-068	030-S07-068	10/24/1998	0 - 9.5	79	11 U	3.6 J	75	11 U	0.011 U	0.011 U	0.011 U	0.011 U	0.028 U	17.2 J
030-S07-069	030-S07-069	10/27/1998	0 - 5	420	57 U	0.3 J	420 J	57 U	0.011 U	0.011 U	0.011 U	0.002 J	0.011 U	17.2 J
030-S07-071	030-S07-071	11/2/1998	0 - 5.5	80	35 J	45 J	11 U	11 U	0.002 J	0.011 U	0.011 U	0.011 U	NA	7.3 J
03GB017	GPS03-017-1.0	8/16/1994	.5 - 1	1,665	54 U	5.3 J	1,660 J	54 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	NA
03GB017	GPS03-017-3.0	8/16/1994	2.5 - 3	30	10 U	0.63 J	29 J	10 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA
03GB017	GPS03-017-5.5	8/16/1994	4.5 - 5.5	4,036	11 U	3,950 J	86 J	11 U	0.011 U	0.36	0.13	0.5	NA	NA
097-001	030-USTF-021	9/1/1999	9 - 10	2,025	25 Z	2,000 Y	12 U	12 U	2.9 U	2.9 U	5	15	5.8 U	7.7
097-002	030-USTF-022	9/1/1999	9 - 10	180	180 Y	0.56 U	56 U	56 U	0.0056 U	0.0056 U	0.0056 U	0.004 J	0.011 U	68.2
097-003	030-USTF-023	9/1/1999	8 - 9	16	16 Z	0.6 U	12 U	12 U	0.006 U	0.006 U	0.006 U	0.006 U	0.012 U	19.1
097-004	030-USTF-018	9/1/1999	9 - 10	280	280 Y	0.87 U	87 U	87 U	0.0087 U	0.0087 U	0.0087 U	0.0087 U	0.017 U	46.5
097-006	030-USTF-020	9/1/1999	8 - 9	14	13 Z	1 Z	12 U	12 U	0.006 U	0.006 U	0.006 U	0.006 U	0.012 U	8
097-007	030-USTF-024	9/1/1999	9 - 10	151	150 Y	1 Y	18 U	18 U	0.0091 U	0.0091 U	0.0091 U	0.0091 U	0.018 U	34.1
097-008	030-USTF-025	9/1/1999	9 - 10	92	92 Y	0.88 U	18 U	18 U	0.0088 U	0.0088 U	0.0088 U	0.0088 U	0.018 U	22.8
097-009	030-USTF-026	9/1/1999	9 - 10	68	68 Y	0.83 U	17 U	17 U	0.0083 U	0.0083 U	0.0083 U	0.0083 U	0.017 U	20.5
097-011	030-USTF-019	9/1/1999	6 - 7	8	8 JZ	0.61 U	12 U	12 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.012 U	1.8
115-Z21-003	115-0003M	6/19/1995	.5 - 1	704	4	0.6 U	700	NA	NA	NA	NA	NA	NA	60.5
115-Z21-003	115-0006	6/19/1995	5 - 6	320	12 U	NA	320 YJ	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	117 NJ
115-Z21-003	115-0006M	6/19/1995	5 - 6	275	5	0.6 U	270	NA	0.006 U	0.006 U	0.006 U	0.006 U	NA	57.2
116-Z21-001	116-0001M	6/26/1995	.5 - 1	143	13	0.57 U	130	NA	NA	NA	NA	NA	NA	8.4
116-Z21-001	116-0004M	6/26/1995	4 - 4.5	580	130	0.79 U	450	NA	0.0079 U	0.0079 U	0.0079 U	0.0079 U	NA	30
116-Z21-004	116-0005	11/8/1995	1 - 2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.19 U
116-Z21-004	116-0006	11/8/1995	3 - 4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**613**
116-Z21-005	116-0007	11/8/1995	4 - 5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.17 U
116-Z21-005	116-0008	11/8/1995	4 - 5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	55.1
116-Z21-006	116-0010	11/8/1995	2.5 - 3.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.18 U
116-Z21-006	116-0011	11/8/1995	3.5 - 4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.4
118-Z21-001	118-0001M	6/23/1995	.5 - 1	235	25	0.54 U	210	NA	NA	NA	NA	NA	NA	26
118-Z21-001	118-0006M	6/23/1995	4 - 4.5	135	15	0.62 U	120	NA	0.0062 U	0.0062 U	0.0062 U	0.0062 U	NA	12
118-Z21-002	118-0002	6/23/1995	.5 - 1	130	12 U	0.6 U	130 YJ	NA	NA	NA	NA	NA	NA	**474 *J**
118-Z21-002	118-0002M	6/23/1995	.5 - 1	212	12	0.55 U	200	NA	NA	NA	NA	NA	NA	61
118-Z21-002	118-0007M	6/23/1995	4 - 4.5	680	150	0.79 U	530	NA	0.0079 U	0.0079 U	0.0079 U	0.0079 U	NA	3,000
118-Z21-007	118-0009	11/8/1995	1 - 2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.3
118-Z21-007	118-0010	11/8/1995	3.5 - 4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.7
118-Z21-008	118-0014	11/8/1995	2 - 3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.2
118-Z21-008	118-0012	11/8/1995	1 - 2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34
118-Z21-008	118-0013	11/8/1995	2 - 3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.1
122-001-001	122-0001	6/8/1995	.5 - 1	ND	11 U	0.5 U	21 U	NA	NA	NA	NA	NA	NA	3.5
122-001-001	122-0001M	6/8/1995	.5 - 1	32	2	0.5 U	30	NA	NA	NA	NA	NA	NA	2.8
122-001-002	122-0002M	6/8/1995	1 - 1.5	ND	1 U	0.5 U	27 U	NA	NA	NA	NA	NA	NA	1.8
122-002-004	122-0004	6/5/1995	1 - 1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.8
122-002-004	122-0004M	6/5/1995	1 - 1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4
127-SS-001	127M-001M	2/14/1995	7 - 8	ND	50 U	50 U	NA	NA	0.01 U	0.01 U	0.01 U	0.03 U	NA	25 U
127-SS-003	127M-003M	6/2/1995	3 - 3.5	ND	1 U	0.5 U	27 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	NA	2.2
127-SS-004	127M-004M	2/14/1995	3 - 4	160	50 U	160	NA	NA	**0.75**	0.01 U	0.48	0.8	NA	25 U
128-001-001	128-0001M	6/6/1995	1 - 1.5	8	8	0.6 U	57 U	NA	NA	NA	NA	NA	NA	NA

TABLE H-3-1: SOIL ANALYTICAL DATA - SITE 3

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

				Concentration (mg/kg)										
Point Name	Sample Identification	Sampling Date	Sampling Depth (feet bgs)	TTPH	TPH-d	TPH-g	TPH-mo	Jet Fuel	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	Lead
128-001-001	128-0006M	6/6/1995	4 - 4.5	916	240	86	590	NA	NA	NA	NA	NA	NA	NA
128-001-002	128-0002M	6/5/1995	.8 - 1.3	ND	1 U	0.6 U	28 U	NA	NA	NA	NA	NA	NA	NA
128-001-002	128-0007M	6/5/1995	4 - 4.5	1,390	380	10	1,000	NA	NA	NA	NA	NA	NA	NA
128-001-003	128-0003M	6/6/1995	.5 - 1	1,129	99	110	920	NA	NA	NA	NA	NA	NA	NA
128-001-003	128-0008M	6/6/1995	2.5 - 3	406	25	61	320	NA	NA	NA	NA	NA	NA	NA
128-001-004	128-0011M	6/6/1995	4 - 4.5	6	2	4	26 U	NA	NA	NA	NA	NA	NA	NA
128-001-004	128-0004M	6/6/1995	.5 - 1	6	6	0.5 U	27 U	NA	NA	NA	NA	NA	NA	NA
128-001-004	128-0009M	6/6/1995	4 - 4.5	2	1 U	2	26 U	NA	NA	NA	NA	NA	NA	NA
128-001-005	128-0005	6/6/1995	.5 - 1	99	12 U	9 ZJ	90 YJ	NA	NA	NA	NA	NA	NA	NA
128-001-005	128-0005M	6/6/1995	.5 - 1	218	45	3	170	NA	NA	NA	NA	NA	NA	NA
128-001-005	128-0010	6/6/1995	4 - 4.5	2,200	11 U	2,200 ZJ	22 U	NA	NA	NA	NA	NA	NA	NA
128-001-005	128-0010M	6/6/1995	4 - 4.5	220	1 U	220	27 U	NA	NA	NA	NA	NA	NA	NA
128-SN-001	128S-001M	1/24/1995	8 - 9.5	950	50 U	950	NA	NA	2 U	18	5.1	6 U	NA	25 U
129-001-001	129-0001	6/30/1995	.5 - 1	77	11 U	0.5 U	77 YJ	NA	NA	NA	NA	NA	NA	6.7
129-001-001	129-0001M	6/30/1995	.5 - 1	1,300	11 U	0.53 U	1,300	NA	NA	NA	NA	NA	NA	3
129-001-001	129-0007	6/30/1995	4 - 5	370	12 U	0.6 U	370 YJ	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	61.3
129-001-001	129-0007M	6/30/1995	4 - 5	366	46	0.82 U	320	NA	0.0082 U	0.0082 U	0.0082 U	0.0082 U	NA	25
129-001-002	129-0002M	6/30/1995	.5 - 1	235	4.6	0.56 U	230	NA	NA	NA	NA	NA	NA	5.9
129-001-002	129-0008M	6/30/1995	4 - 4.5	746	76	0.67 U	670	NA	0.0067 U	0.0067 U	0.0067 U	0.0067 U	NA	1,600
129-001-003	129-0015M	6/30/1995	0.5 - 1.5	140	1.1 U	0.55 U	140	NA	NA	NA	NA	NA	NA	4.3
129-001-003	129-0016M	6/30/1995	4 - 5	675	45	0.66 U	630	NA	0.0066 U	0.0066 U	0.0066 U	0.0066 U	NA	24
129-001-003	129-0003M	6/30/1995	.5 - 1.5	130	1.1 U	0.54 U	130	NA	NA	NA	NA	NA	NA	2.2
129-001-003	129-0009M	6/30/1995	4 - 5	909	49	0.71 U	860	NA	0.0071 U	0.0071 U	0.0071 U	0.0071 U	NA	56
129-002-004	129-0004	6/30/1995	1 - 1.5	64	11 U	4 ZJ	60 YJ	NA	NA	NA	NA	NA	NA	3.1
129-002-004	129-0004M	6/30/1995	1 - 1.5	ND	1.1 U	0.53 U	27 U	NA	NA	NA	NA	NA	NA	2.2
129-002-004	129-0010	6/30/1995	4 - 5	99	12 U	8 ZJ	91 YJ	NA	0.046	0.012 U	0.041	0.009 J	NA	6.2
129-002-004	129-0010M	6/30/1995	4 - 5	302	36	26	240	NA	0.03	0.006 U	0.02	0.006 U	NA	6.8
129-002-005	129-0005M	7/10/1995	.5 - 1	1,840	240	0.54 U	1600	NA	NA	NA	NA	NA	NA	5.3
129-002-005	129-0011M	7/10/1995	4 - 5	680	140	0.88 U	540	NA	0.0088 U	0.0088 U	0.0088 U	0.0088 U	NA	15
129-002-006	129-0013M	6/30/1995	1 - 1.5	276.3	3.3	3	270	NA	NA	NA	NA	NA	NA	3
129-002-006	129-0014M	6/30/1995	4 - 5	389.7	9.7	130	250	NA	0.02 U	0.02 U	0.037	0.02 U	NA	2.1
129-002-006	129-0006M	6/30/1995	1 - 1.5	141	1.1 U	1.1	140	NA	NA	NA	NA	NA	NA	2.8
129-002-006	129-0012M	6/30/1995	4 - 5	471	57	34	380	NA	0.0055 J	0.0077 U	0.081	0.0077 U	NA	14
129-003-007	129-0017	11/10/1995	3.5 - 4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.7 J
129-003-008	129-0020	11/10/1995	3.5 - 4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36.5 J
129-003-008	129-0019	11/10/1995	3.5 - 4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	30.2 J
131-SS-001	131M-001M	2/14/1995	3 - 4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	25 U
131-SS-001	131M-001M	2/14/1995	3 - 4	930	50 U	930	NA	NA	**12**	0.01 U	7.9	8	NA	25 U
131-SS-002	131M-002M	2/21/1995	10 - 11	ND	50 U	50 U	NA	NA	0.01 U	0.01 U	0.01 U	0.03 U	NA	66
134-IW-001	134I-001	2/17/1995	4 - 4.5	32	31 YJ	0.7 ZJ	22 U	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	3.8 J
134-IW-001	134I-001M	2/17/1995	4 - 4.5	NA	NA	NA	NA	NA	0.01 U	0.01 U	0.011	0.03 U	NA	25 U
197-Z21-006	197-0006M	6/30/1995	2 - 3	ND	1.2 U	0.62 U	31 U	NA	NA	NA	NA	NA	NA	NA
197-Z21-006	197-0006	6/30/1995	2 - 3	ND	11 U	0.5 U	22 U	NA	NA	NA	NA	NA	NA	3
197-Z21-006	197-0006M	6/30/1995	2 - 3	ND	1.2 U	0.62 U	31 U	NA	NA	NA	NA	NA	NA	3.6
398-11-ERM	398-S11	1/11/1995	5 -	ND	10 U	10 U	NA	NA	0.1	0.03	0.02	0.07	NA	NA
398-14-ERM	398-S14	1/11/1995	5 -	44	10 U	44	NA	NA	0.29	0.05	0.08	0.1	NA	NA
398-1-MOJ	398-P1	9/4/1997	6 -	2,845	45	2,800	NA	10 U	0.9	0.62 U	22	96	3.1 U	NA
398-2-MOJ	398-P2	9/5/1997	6 -	2,628	28	2,600	NA	10 U	1 U	1 U	9.9	19	5 U	NA
398-MW3	398-MW3	1/25/1995	4 -	ND	1.1 U	1 U	NA	NA	11 U	11 U	11 U	11 U	NA	NA

TABLE H-3-1: SOIL ANALYTICAL DATA - SITE 3

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

				Concentration (mg/kg)										
Point Name	Sample Identification	Sampling Date	Sampling Depth (feet bgs)	TTPH	TPH-d	TPH-g	TPH-mo	Jet Fuel	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	Lead
398-MW4	398-MW4	1/25/1995	4 -	ND	1.1 U	1 U	NA	NA	11 U	11 U	11 U	9 U	NA	NA
CPT-S03-01	280-S03-024	8/31/1994	0 - 1	1	11 U	1.4 J	22 U	11 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	3.2 J
CPT-S03-01	280-S03-025	8/31/1994	2.5 - 3.5	185	11 U	62 J	123 J	11 U	1.3 U	0.31 J	0.94 J	2.3	NA	6.3
CPT-S03-01	280-S03-026	8/31/1994	5 - 6	1,107	10 U	1,040 J	67 J	10 U	6.2 U	2 J	5.2 J	24	NA	52.2 J
M03-04	280-S03-027	11/6/1994	1 - 2	ND	11 U	0.53 U	21 U	11 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	9.8
M03-04	280-S03-028	11/6/1994	2.5 - 3.5	**19,700**	11 U	**19,700 J**	21 U	11 U	**7.5 J**	210	50	**250**	NA	7.2
M03-04	280-S03-030	11/6/1994	5 - 6	90	11 U	90 J	23 U	11 U	1.4 U	1.9	0.8 J	3.9	NA	5.9
M03-04	280-S03-094	11/6/1994	10 - 11	380	14 U	0.72 U	380 J	14 U	0.014 U	0.005 J	0.014 U	0.006 J	NA	26.8
M03-07	280-S03-106	11/20/1994	1 - 2	3,700	16 U	0.79 U	**3,700 J**	16 U	0.016 U	0.016 U	0.016 U	0.016 U	NA	124
M03-07	280-S03-107	11/20/1994	2.5 - 3.5	150	16 U	0.81 UJ	150 J	16 U	0.016 U	0.002 J	0.016 U	0.016 U	NA	**2,380**
M03-07	280-S03-108	11/20/1994	4.5 - 5.5	24	12 U	0.6 U	24 J	12 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	5.4
M03-08	280-S03-109	11/6/1994	1 - 2	ND	11 U	0.55 U	22 U	11 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	1.7
M03-08	280-S03-110	11/6/1994	2.5 - 3.5	60	13 U	0.67 U	60 J	13 U	0.013 U	0.013 U	0.013 U	0.013 U	NA	8.2
M03-08	280-S03-111	11/6/1994	5 - 6	660	14 U	0.68 U	660 J	14 U	0.014 U	0.014 U	0.014 U	0.014 U	NA	33.1
MW97-1	MW97-1 [1.5-2.0]	7/26/1990	1.5 - 2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.4 U
MW97-1	MW97-1 [10.5-11.0]	7/26/1990	10.5 - 11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.1 U
MW97-1	MW97-1 [11.5-12.0]	7/26/1990	11.5 - 12	NA	NA	NA	NA	NA	0.006 U	0.006 U	0.006 U	0.006 U	NA	NA
MW97-1	MW97-1 [14.0-14.5]	7/26/1990	14 - 14.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6 U
MW97-1	MW97-1 [2.5-3.0]	7/26/1990	2.5 - 3	NA	NA	NA	NA	NA	0.006 U	0.006	0.006 U	0.006 U	NA	NA
MW97-1	MW97-1 [3.0-3.5]	7/26/1990	3 - 3.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.8 U
MW97-1	MW97-1 [5.0-5.5]	7/26/1990	5 - 5.5	NA	NA	NA	NA	NA	0.006 U	0.015	0.006 U	0.006 U	NA	NA
MW97-1	MW97-1 [7.0-7.5]	7/26/1990	7 - 7.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	44
MW97-1	MW97-1 [8.0-8.5]	7/26/1990	8 - 8.5	NA	NA	NA	NA	NA	0.01 U	0.032	0.01 U	0.01 U	NA	NA
MW97-2	MW97-2 [1.0-1.5]	7/26/1990	1 - 1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.5 U
MW97-2	MW97-2 [11.0-11.5]	7/26/1990	11 - 11.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.9 U
MW97-2	MW97-2 [11.5-12.0]	7/26/1990	11.5 - 12	NA	NA	NA	NA	NA	0.006 U	0.046	0.006 U	0.006 U	NA	NA
MW97-2	MW97-2 [14.0-14.5]	7/26/1990	14 - 14.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.2 U
MW97-2	MW97-2 [14.5-15.0]	7/26/1990	14.5 - 15	NA	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA
MW97-2	MW97-2 [2.0-2.5]	7/26/1990	2 - 2.5	NA	NA	NA	NA	NA	0.006 U	0.006	0.006 U	0.006 U	NA	NA
MW97-2	MW97-2 [3.5-4.0]	7/26/1990	3.5 - 4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	59
MW97-2	MW97-2 [5.0-5.5]	7/26/1990	5 - 5.5	NA	NA	NA	NA	NA	0.009 U	0.13	0.009 U	0.009 U	NA	NA
MW97-2	MW97-2 [7.0-7.5]	7/26/1990	7 - 7.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	100
MW97-2	MW97-2 [8.0-8.5]	7/26/1990	8 - 8.5	NA	NA	NA	NA	NA	0.006 U	0.11	0.006 U	0.006 U	NA	NA
MW97-3	MW97-3 [0.5-1.0]	7/26/1990	.5 - 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22
MW97-3	MW97-3 [10.5-11.0]	7/26/1990	10.5 - 11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.8 U
MW97-3	MW97-3 [11.5-12.0]	7/26/1990	11.5 - 12	NA	NA	NA	NA	NA	0.006 U	0.01	0.006 U	0.006 U	NA	NA
MW97-3	MW97-3 [14.0-14.5]	7/26/1990	14 - 14.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6 U
MW97-3	MW97-3 [14.5-15.0]	7/26/1990	14.5 - 15	NA	NA	NA	NA	NA	0.006 U	0.011	0.006 U	0.006 U	NA	NA
MW97-3	MW97-3 [2.0-2.5]	7/26/1990	2 - 2.5	NA	NA	NA	NA	NA	0.005 U	0.026	0.005 U	0.005 U	NA	NA
MW97-3	MW97-3 [3.5-4.0]	7/26/1990	3.5 - 4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.8
MW97-3	MW97-3 [5.0-5.5]	7/26/1990	5 - 5.5	NA	NA	NA	NA	NA	0.007 U	0.011	0.007 U	0.007 U	NA	NA
MW97-3	MW97-3 [7.0-7.5]	7/26/1990	7 - 7.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	27
MW97-3	MW97-3 [8.0-8.5]	7/26/1990	8 - 8.5	NA	NA	NA	NA	NA	0.009 U	0.05	0.009 U	0.009 U	NA	NA
S03-DGS-DP01	385-S03-001	7/23/2001	5 - 5.5	103	100	2.9 J	10 U	NA	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U	NA
S03-DGS-DP02	385-S03-003	7/23/2001	5.5 - 6	68	67	1.3 J	10 U	NA	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U	NA
S03-DGS-DP03	385-S03-005	7/23/2001	5 - 5.5	22	14	8.3 J	10 U	NA	0.021	0.068	0.011	0.0416	0.002 U	NA
S03-DGS-DP04	385-S03-007	7/23/2001	4 - 4.5	73.53	40	0.53 J	33	NA	0.002 U	0.0081	0.01	0.085	0.002 U	NA
S03-DGS-DP05	385-S03-009	7/23/2001	4.5 - 5	50	50	0.1 U	10 U	NA	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U	NA
S03-DGS-DP05	385-S03-009A	7/23/2001	5 -	1,800	430 U	0.48 U	1800 M	430 U	0.011 U	0.011 U	0.011 U	0.011 U	0.027 UJ	NA

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Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

				Concentration (mg/kg)										
Point Name	Sample Identification	Sampling Date	Sampling Depth (feet bgs)	TTPH	TPH-d	TPH-g	TPH-mo	Jet Fuel	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	Lead
S03-DGS-DP06	385-S03-011	6/18/2001	.5 - 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.4 J
S03-DGS-DP06	385-S03-012	6/18/2001	2.5 - 3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.7 J
S03-DGS-DP06	385-S03-013	6/18/2001	4.5 - 5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.7 J
S03-DGS-DP07	385-S03-015	6/18/2001	0.5 - 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.9 J
S03-DGS-DP07	385-S03-016	6/18/2001	2.5 - 3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	81.4 J
S03-DGS-DP07	385-S03-017	6/18/2001	4.5 - 5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	44.5 J
S03-DGS-DP08	385-S03-019	6/18/2001	.5 - 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.27 UJ
S03-DGS-DP08	385-S03-020	6/18/2001	2.5 - 3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.3 J
S03-DGS-DP08	385-S03-021	6/18/2001	4.5 - 5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.1 UJ
S03-DGS-DP09	385-S03-023	6/18/2001	.5 - 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.1 J
S03-DGS-DP09	385-S03-024	6/18/2001	3.5 - 4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.7 J
S03-DGS-DP09	385-S03-025	6/18/2001	5.5 - 6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	955 J
S03-DGS-DP10	385-S03-027	6/18/2001	.5 - 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	80.3 J
S03-DGS-DP10	385-S03-028	6/18/2001	3.5 - 4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**446 J**
S03-DGS-DP10	385-S03-029	6/18/2001	5.5 - 6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35.4 J
S03-DGS-DP11	385-S03-030	6/19/2001	1 - 1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	42.3 J
S03-DGS-DP11	385-S03-031	6/19/2001	4 - 4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	56 J
S03-DGS-DP11	385-S03-032	6/19/2001	6 - 6.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,330 J
S03-DGS-DP12	385-S03-034	6/19/2001	4 - 4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4 J
S03-DGS-DP13	385-S03-037	6/19/2001	1 - 1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.4 J
S03-DGS-DP13	385-S03-038	6/19/2001	4 - 4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,300 J
S03-DGS-DP13	385-S03-039	6/19/2001	6 - 6.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,780 J
S03-DGS-DP14	385-S03-069	8/2/2001	1 - 1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12 J
S03-DGS-DP14	385-S03-070	8/2/2001	4 - 4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13.5 J
S03-DGS-DP14	385-S03-071	8/2/2001	6 - 6.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,030 J
S03-DGS-DP15	385-S03-073	8/2/2001	1 - 1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**511 J**
S03-DGS-DP15	385-S03-074	8/2/2001	4 - 4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3,870 J
S03-DGS-DP15	385-S03-075	8/2/2001	6 - 6.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13,700 J
S03-DGS-DP16	385-S03-076	8/1/2001	1 - 1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**229**
S03-DGS-DP16	385-S03-077	8/1/2001	4 - 4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	137
S03-DGS-DP16	385-S03-078	8/1/2001	6 - 6.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	705
S03-DGS-DP17	385-S03-079	8/1/2001	1 - 1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.9
S03-DGS-DP17	385-S03-080	8/1/2001	4 - 4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	52.3
S03-DGS-DP17	385-S03-081	8/1/2001	6 - 6.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.6
S03-DGS-DP18	385-S03-082	8/1/2001	4 - 4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29.8
S03-DGS-DP18	385-S03-083	8/1/2001	6 - 6.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	85.3
S03-DGS-DP19	385-S03-084	8/2/2001	4 - 4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.5 J
S03-DGS-DP19	385-S03-085	8/2/2001	6 - 6.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	61.8 J
S03-DGS-DP31	385-S03-117	9/24/2001	5.5 - 6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.6
S03-DGS-DP32	385-S03-125	9/24/2001	3.5 - 4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.7 UJ
S03-DGS-DP32	385-S03-126	9/24/2001	5.5 - 6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	195
S03-DGS-DP33	385-S03-112	9/24/2001	.5 - 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24
S03-DGS-DP33	385-S03-113	9/24/2001	3.5 - 4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.1
S03-DGS-DP33	385-S03-114	9/24/2001	5.5 - 6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	198
S03-DGS-DP34	385-S03-119	9/24/2001	.5 - 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	47.6
S03-DGS-DP34	385-S03-120	9/24/2001	3.5 - 4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.6
S03-DGS-DP34	385-S03-121	9/24/2001	5.5 - 6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,480
S03-DGS-DP35	385-S03-123	9/24/2001	5.5 - 6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13.7
S03-DGS-DP36	385-S03-128	11/6/2001	6 - 6.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11

TABLE H-3-1: SOIL ANALYTICAL DATA - SITE 3

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

				Concentration (mg/kg)										
Point Name	Sample Identification	Sampling Date	Sampling Depth (feet bgs)	TTPH	TPH-d	TPH-g	TPH-mo	Jet Fuel	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	Lead
S03-DGS-DP37	385-S03-130	11/6/2001	6 - 6.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	533
S03-DGS-DP38	385-S03-132	2/8/2002	6 - 6.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.6
S03-DGS-DP38	385-S03-138	2/8/2002	5.5 - 6	62	12 U	NA	50	12 U	NA	NA	NA	NA	NA	NA
S03-DGS-DP39	385-S03-134	2/8/2002	6 - 6.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	14.8

Notes:

A bolded concentration indicates a detection exceeding screening criteria.

bgs	Below ground surface
J	Indicates an estimated concentration value
M	Pattern resembles motor oil
mg/kg	Milligrams per kilogram
MTBE	Methyl tertiary butyl ether
NA	Not analyzed
ND	Not detected
N	Value was estimated due to lack of calibration for the compound; however, there is evidence of the presence of the compound
TPH	Total petroleum hydrocarbon
TPH-d	Total petroleum hydrocarbons as diesel
TPH-g	Total petroleum hydrocarbons as gasoline
TPH-mo	Total petroleum hydrocarbons as motor oil
TTPH	Total total petroleum hydrocarbons (sum of all TPH fractions)
U	Indicates compound was analyzed for but not detected above the concentration listed
UJ	Indicates compound was analyzed for but not detected above the estimated concentration listed
YJ	Indicates estimated hydrocarbon mixture did not exhibit a reasonable pattern match with the calibration standard
ZJ	Indicates estimated concentration did no resemble a typical fuel pattern
*	Duplicate sample analysis not within control limits

TABLE H-4-1: SOIL ANALYTICAL DATA - SITE 4

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

Point Name	Sample Identification	Sampling Date	Sampling Depth (feet bgs)	Concentration (mg/kg)										
				TTPH	TPH-d	TPH-g	TPH-mo	Jet Fuel	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	Lead
030-FLI-077	030-FLI-077	10/28/1998	0 - 5.5	ND	11 U	0.54 UJ	11 U	11 U	0.00054 UJ	0.0008 J	0.00054 UJ	0.0011 UJ	0.004 J	NA
030-MOD1-191	030-MOD1-191	12/17/1998	0 - 5	3,300	**2,200 J**	1,100 J	190 U	190 U	1.4 U	1.4 U	1.4 U	1.4 U	NA	7.6
030-MOD1-192	030-MOD1-192	12/17/1998	0 - 5.5	433	160 J	23 J	250 J	16 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	41.1
030-S07-041	030-S07-041	10/7/1998	0 - 4.5	190	94 J	0.67 U	96 J	13 U	0.036	0.028	0.013 U	0.003 J	0.034 U	6.7
030-S07-042	030-S07-042	10/7/1998	0 - 4	ND	11 U	0.53 U	11 U	11 U	0.011 U	0.011 U	0.011 U	0.011 U	0.027 U	4.8
030-S07-046	030-S07-046	10/8/1998	0 - 4.5	ND	11 U	0.53 U	11 U	11 U	0.011 U	0.011 U	0.011 U	0.011 U	0.025 U	10.2 UJ
030-S07-050	030-S07-050	10/10/1998	0 - 3.5	160	11 UJ	0.53 U	160 J	11 U	0.011 U	0.011 U	0.011 U	0.011 U	0.026 U	25.1
030-S07-058	030-S07-058	10/23/1998	0 - 8	642	110 U	2.4 J	640 J	110 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	19.2 J
030-S07-068	030-S07-068	10/24/1998	0 - 9.5	79	11 U	3.6 J	75	11 U	0.011 U	0.011 U	0.011 U	0.011 U	0.028 U	17.2 J
030-S19-004	030-S19-004	10/21/1998	0 - 7	1,300	120 U	0.61 U	1300 J	120 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	58.9
030-S19-008	030-S19-008	10/23/1998	0 - 8	1,600	11 U	0.1 J	1600 J	11 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	61.4 J
030-S19-009	030-S19-009	10/28/1998	0 - 4.5	6,332	590 U	32 J	590 U	**6300**	2.4 U	0.71 J	0.18 J	1.4 J	2.4 U	**367 J**
03GB015	GPS03-015-1.0	8/16/1994	0.5 - 1	49	10 U	0.54 U	49 J	10 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	NA
03GB015	GPS03-015-3.0	8/16/1994	2.5 - 3	ND	10 U	0.52 U	26 U	10 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA
03GB015	GPS03-015-5.0	8/16/1994	4.5 - 5	30	12 U	0.59 U	30 J	12 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	NA
03GB020	GPS03-020-1.0	8/17/1994	0.5 - 1	220	11 U	0.53 U	220 J	11 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	NA
03GB020	GPS03-020-3.0	8/17/1994	2.5 - 3	30	11 U	0.56 U	30 J	11 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	NA
03GB020	GPS03-020-5.5	8/17/1994	4.5 - 5.5	48	12 U	0.6 UJ	48 J	12 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	NA
03GB039	03GPS039-1.25	9/9/1994	0.8 - 1.3	120	10 U	0.53 U	120 J	10 U	0.011 U	0.004 J	0.011 U	0.011 U	NA	NA
03GB039	03GPS039-3.0	9/9/1994	2.5 - 3	460	54 U	0.54 U	460 J	54 U	0.011 U	0.002 J	0.011 U	0.011 U	NA	NA
03GB039	03GPS039-6.5	9/9/1994	6 - 6.5	180	11 U	0.56 U	180 J	11 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	NA
11/21-CH1	11/21-CH1	6/18/2002	5 - 15	NA	NA	NA	NA	NA	0.0063 U	0.0063 U	0.0063 U	0.0126 U	0.0063 U	3.1
11/21-CH1	11/21-CH1B	6/25/2002	22 - 42	NA	NA	NA	NA	NA	0.0049 U	0.0049 U	0.0049 U	0.0098 U	0.0049 U	2.3
11/21-CH2	11/21-CH2	6/18/2002	5 - 15	NA	NA	NA	NA	NA	0.008 U	0.008 U	0.008 U	0.016 U	0.008 U	25
11/21-CH2	11/21-CH2B	6/25/2002	22 - 42	NA	NA	NA	NA	NA	0.0051 U	0.0051 U	0.0051 U	0.0102 U	0.0051 U	2.5
11/21-CH3	11/21-CH3	6/18/2002	5 - 15	NA	NA	NA	NA	NA	0.0091 U	0.0091 U	0.0091 U	0.0182 U	0.0091 U	44
11/21-CH3	11/21-CH3B	6/25/2002	22 - 42	NA	NA	NA	NA	NA	0.0052 U	0.0052 U	0.0052 U	0.0104 U	0.0052 U	2.3
134-001-001	134-0026M	4/3/1995	0 - 0.5	100	6.3	0.54 U	94	NA	NA	NA	NA	NA	NA	2.9
134-001-001	134-0001M	4/3/1995	3 - 3.5	188	7.8	0.55 U	180	NA	NA	NA	NA	NA	NA	5.3
134-001-001	134-0001	4/3/1995	3 - 3.5	NA	NA	NA	NA	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	NA
134-001-002	134-0027	4/3/1995	0 - 0.5	44	11 U	0.5 U	44 YJ	NA	NA	NA	NA	NA	NA	10.3
134-001-002	134-0002	4/3/1995	3 - 3.5	58	11 U	0.6 U	58 YJ	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	9
134-001-002	134-0027M	4/3/1995	0 - 0.5	231	11	0.54 U	220	NA	NA	NA	NA	NA	NA	7.2
134-001-002	134-0002M	4/3/1995	3 - 3.5	360	11 U	0.54 U	360	NA	NA	NA	NA	NA	NA	3.1
134-001-003	134-0028M	4/3/1995	0 - 0.5	6	6.4	0.54 U	140 U	NA	NA	NA	NA	NA	NA	5.3
134-001-003	134-0003M	4/3/1995	3 - 3.5	230	5.5 U	0.56 U	230	NA	NA	NA	NA	NA	NA	5
134-001-003	134-0003	4/3/1995	3 - 3.5	NA	NA	NA	NA	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	NA
134-001-004	134-0029	4/3/1995	0 - 0.5	42	11 U	0.6 U	42 YJ	NA	NA	NA	NA	NA	NA	9.1
134-001-004	134-0004	4/3/1995	3 - 3.5	32	11 U	0.6 U	32 YJ	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	3.9
134-001-004	134-0029M	4/3/1995	0 - 0.5	54	6.1	0.57 U	48	NA	NA	NA	NA	NA	NA	4.3
134-001-004	134-0004M	4/3/1995	3 - 3.5	319	8.9	0.55 U	310	NA	NA	NA	NA	NA	NA	11
134-001-005	134-0030M	4/3/1995	0 - 0.5	ND	5.5 U	0.54 U	140 U	NA	NA	NA	NA	NA	NA	5.1
134-001-005	134-0005M	4/3/1995	3 - 3.5	350	5.5 U	0.55 U	350	NA	NA	NA	NA	NA	NA	5.6
134-001-005	134-0005	4/3/1995	3 - 3.5	NA	NA	NA	NA	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	NA
134-001-007	134-0032M	4/3/1995	0 - 0.5	120	1.1 U	0.55 U	120	NA	NA	NA	NA	NA	NA	4.9
134-001-007	134-0007M	4/3/1995	3 - 3.5	68	7	0.58 U	61	NA	NA	NA	NA	NA	NA	4.4
134-001-007	134-0007	4/3/1995	3 - 3.5	NA	NA	NA	NA	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	NA
134-001-007	134-0038	4/3/1995	3 - 3.5	NA	NA	NA	NA	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	NA
134-002-008	134-0008M	4/3/1995	3 - 3.5	560	1.2 U	0.59 U	560	NA	NA	NA	NA	NA	NA	NA

TABLE H-4-1: SOIL ANALYTICAL DATA - SITE 4

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

				Concentration (mg/kg)										
Point Name	Sample Identification	Sampling Date	Sampling Depth (feet bgs)	TTPH	TPH-d	TPH-g	TPH-mo	Jet Fuel	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	Lead
134-002-009	134-0009M	4/10/1995	2.5 - 3	2,700	1000	0.56 U	1,700	NA	NA	NA	NA	NA	NA	NA
134-002-010	134-0010M	4/10/1995	2 - 2.5	661	19	2	640	NA	NA	NA	NA	NA	NA	NA
134-002-010	134-0010	4/10/1995	2 - 2.5	703	11 U	3 ZJ	700 YJ	NA	NA	NA	NA	NA	NA	NA
134-003-011	134-0033M	4/5/1995	0 - 0.5	2,174	74	0.54 U	**2,100**	NA	NA	NA	NA	NA	NA	40
134-003-011	134-0033	4/5/1995	0 - 1	350	11 U	0.5 U	350 YJ	NA	NA	NA	NA	NA	NA	30.7
134-003-011	134-0037	4/5/1995	0 - 1	440	11 U	0.5 U	440 YJ	NA	NA	NA	NA	NA	NA	32.7
134-003-011	134-0011	4/5/1995	3 - 3.5	300	11 U	0.5 U	300 YJ	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	27.3
134-003-011	134-0011M	4/5/1995	3 - 4	1,300	11 U	0.54 U	1,300	NA	NA	NA	NA	NA	NA	55
134-003-012	134-0034M	4/5/1995	0 - 0.5	ND	11 U	0.53 U	270 U	NA	NA	NA	NA	NA	NA	6.7
134-003-012	134-0012M	4/5/1995	3 - 3.5	800	12 U	0.58 U	800	NA	NA	NA	NA	NA	NA	**310**
134-003-012	134-0012	4/5/1995	3 - 3.5	NA	NA	NA	NA	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	NA
134-003-013	134-0035M	4/5/1995	0 - 1	116	6	0.53 U	110	NA	NA	NA	NA	NA	NA	3.3
134-003-013	134-0013M	4/6/1995	3 - 3.5	11,090	90	0.54 U	**11,000**	NA	NA	NA	NA	NA	NA	2.9
134-003-013	134-0013	4/6/1995	3 - 3.5	NA	NA	NA	NA	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	NA
134-004-014	134-0014	4/4/1995	3 - 4.5	33	11 U	0.6 U	33 YJ	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	1.8
134-004-014	134-0039	4/4/1995	3 - 4.5	ND	11 U	0.6 U	24 U	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	1.7
134-004-014	134-0014M	4/4/1995	3.5 - 4	61	1.1 U	0.54 U	61	NA	NA	NA	NA	NA	NA	1.4
134-004-015	134-0015M	4/11/1995	2.5 - 3	110	2.2 U	0.55 U	110	NA	NA	NA	NA	NA	NA	1.5
134-004-015	134-0015	4/11/1995	2 - 2.5	NA	NA	NA	NA	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	NA
134-004-015	134-0040	4/11/1995	2 - 2.5	NA	NA	NA	NA	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	NA
134-005-016	134-0016M	4/5/1995	0 - 0.5	11,000	210 U	0.53 U	**11,000**	NA	NA	NA	NA	NA	NA	NA
134-005-017	134-0017M	4/5/1995	0 - 0.5	9,100	210 U	0.53 U	**9,100**	NA	NA	NA	NA	NA	NA	NA
134-005-018	134-0018	4/5/1995	0 - 0.5	2,600	110 U	0.6 U	**2,600 YJ**	NA	NA	NA	NA	NA	NA	NA
134-005-018	134-0018M	4/5/1995	0 - 0.5	**28,480**	480	0.53 U	**28,000**	NA	NA	NA	NA	NA	NA	NA
134-005-019	134-0019M	4/5/1995	0 - 0.5	500	11 U	0.53 U	500	NA	NA	NA	NA	NA	NA	NA
134-005-020	134-0020M	4/5/1995	0 - 0.5	1,600	11 U	0.53 U	1,600	NA	NA	NA	NA	NA	NA	NA
134-006-026	134-0042	10/12/1995	5.5 - 6	ND	26 U	0.53 UJ	26 U	NA	NA	NA	NA	NA	NA	NA
134-006-027	134-0044	10/16/1995	5.5 - 6.5	ND	25 U	0.52 UJ	25 U	NA	NA	NA	NA	NA	NA	NA
134-006-028	134-0046	10/11/1995	4 - 4.5	ND	28 U	0.57 UJ	28 U	NA	NA	NA	NA	NA	NA	NA
134-006-030	134-0050	10/11/1995	6 - 6.5	ND	26 U	0.53 UJ	26 U	NA	NA	NA	NA	NA	NA	NA
134-006-031	134-0052	10/12/1995	6 - 6.5	ND	28 U	0.58 UJ	28 U	NA	NA	NA	NA	NA	NA	NA
134-006-032	134-0054	10/12/1995	6 - 7	130	26 U	0.58 UJ	130	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	NA
134-006-032	134-0053	10/12/1995	.5 - 1.5	ND	26 U	0.52 UJ	26 U	NA	0.001 J	0.01 UJ	0.01 UJ	0.01 UJ	NA	NA
134-006-033	134-0056	10/12/1995	6.5 - 7	ND	30 UJ	0.55 UJ	30 UJ	NA	NA	NA	NA	NA	NA	NA
134-006-034	134-0058	10/12/1995	1 - 2	ND	27 UJ	0.54 UJ	27 UJ	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	7.6 U
134-006-034	134-0059	10/12/1995	5.5 - 6.5	ND	25 U	0.54 UJ	25 U	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	3.3 U
134-006-034	134-0077	10/12/1995	5.5 - 6.5	ND	26 U	0.56 UJ	26 U	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	2.2 U
134-006-035	134-0060	10/12/1995	0.5 - 1.5	230	26 UJ	0.52 UJ	230 J	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	5.5 U
134-006-035	134-0076	10/12/1995	0.5 - 1.5	ND	23 UJ	0.55 UJ	23 UJ	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	5.3 U
134-006-036	134-0061	10/23/1995	1 - 1.5	43	26 U	0.54 U	43 J	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	16.8 J
134-006-037	134-0064	10/12/1995	6 - 7	1	28 UJ	0.78 J	28 UJ	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	2.3 U
134-006-037	134-0063	10/12/1995	0.5 - 1.5	110	27 U	0.54 UJ	110	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	11.7 U
134-006-038	134-0066	10/13/1995	5.5 - 6.5	1	29 U	0.62 YJ	29 U	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	NA
134-006-039	134-0067	10/23/1995	4 - 4.5	1	28 U	0.85 ZJ	28 U	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	NA
134-006-040	134-0069	10/13/1995	2 - 3	880	27 U	880 YJ	27 U	NA	0.2 J	1.3 U	1.3 J	1.3 U	NA	NA
134-006-042	134-0074	10/13/1995	3.5 - 4.5	360	30 UJ	0.6 UJ	360 J	NA	NA	NA	NA	NA	NA	NA
134-006-043	134-0078	11/10/1995	0.5 - 1.5	ND	26 UJ	0.53 U	26 UJ	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	18.6
134-006-043	134-0079	11/10/1995	3 - 4	ND	27 UJ	0.55 U	27 UJ	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	22
134-006-043	134-0080	11/10/1995	3 - 4	ND	27 UJ	0.55 U	27 UJ	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	12.6

TABLE H-4-1: SOIL ANALYTICAL DATA - SITE 4

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

				Concentration (mg/kg)										
Point Name	Sample Identification	Sampling Date	Sampling Depth (feet bgs)	TTPH	TPH-d	TPH-g	TPH-mo	Jet Fuel	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	Lead
134-IW-002	134I-002	12/15/1994	7 - 8	950	12 U	0.59 U	950 YJ	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	22.3
134-IW-002	134I-002M	12/15/1994	0.5 - 1	NA	NA	NA	NA	NA	0.002 U	0.002 U	0.002 U	0.004 U	NA	33
134-IW-003	134I-003	12/15/1994	7 - 7.5	71	12 U	0.58 U	71 YJ	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	11.4
134-IW-003	134I-003M	12/15/1994	7 - 7.5	NA	NA	NA	NA	NA	0.002 U	0.002 U	0.002 U	0.004 U	NA	30
134-IW-004	134I-004	1/24/1995	5 - 5.5	37	12 U	0.62 U	37 YJ	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	8.4
134-IW-004	134I-004M	1/24/1995	5 - 5.5	NA	NA	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.03 U	NA	25 U
134-IWPS2-001	134P-001	12/15/1994	2 - 3	77	11 U	0.56 U	77 YJ	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	18.4
134-IWPS2-001	134P-002	12/15/1994	2 - 3	64	11 U	0.56 U	64 YJ	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	18.5
134-IWPS2-001	134P-002M	12/15/1994	2 - 3	NA	NA	NA	NA	NA	0.002 U	0.002 U	0.002 U	0.002 U	NA	25 U
134-IWPS2-001	134P-001M	12/15/1994	2 - 3	NA	NA	NA	NA	NA	0.002 U	0.002 U	0.002 U	0.004 U	NA	25
134-SN-001	134S-001M	5/31/1995	5 - 5.5	2,211	11	0.6 U	2200	NA	0.006 U	0.006 U	0.006 U	0.006 U	NA	17.8
134-SN-002	134S-002M	12/21/1994	6.5 - 7	ND	50 U	50 U	NA	NA	0.014	0.01 U	0.01 U	0.03 U	NA	25 U
134-SS-001	134M-001M	2/9/1995	3.5 - 4	5,800	1000	**4800**	NA	NA	0.2 U	0.2 U	0.37	1.9	NA	25 U
134-SS-002	134M-002M	2/9/1995	2.5 - 3	ND	50 U	50 U	NA	NA	0.01 U	0.01 U	0.01 U	0.03 U	NA	25 U
134-SS-004	134M-004M	2/23/1995	13.5 - 14	490	50 U	490	NA	NA	4.8	0.57	0.2 U	0.6 U	NA	25
134-Z22-021	134-0021M	4/4/1995	2 - 2.5	ND	1 U	0.51 U	26 U	NA	NA	NA	NA	NA	NA	2.6
134-Z22-022	134-0022M	4/4/1995	0.5 - 1	1,300	11 U	0.54 U	1300	NA	NA	NA	NA	NA	NA	39
134-Z22-023	134-0023M	4/4/1995	1 - 1.5	480	10 U	0.52 U	480	NA	NA	NA	NA	NA	NA	35
134-Z22-023	134-0036M	4/4/1995	1 - 1.5	480	10 U	0.52 U	500	NA	NA	NA	NA	NA	NA	34
134-Z22-024	134-0024M	4/10/1995	0 - 0.5	50	1.1 U	0.54 U	50	NA	NA	NA	NA	NA	NA	4.4
134-Z22-024	134-0024	4/10/1995	0 - 0.5	50	11 U	0.5 U	50 YJ	NA	NA	NA	NA	NA	NA	5.7
143-IW-001	143I-001	12/22/1994	5 - 6	9,070	8400 YJ	670 ZJ	480 U	NA	0.12 U	0.12 U	0.12 U	0.12 U	NA	3.5
143-IW-001	143I-001M	12/22/1994	5 - 6	NA	NA	NA	NA	NA	2 U	2 U	8.1	14	NA	25 U
143-SN-001	143S-001M	2/13/1995	5 - 6	ND	50 U	50 U	NA	NA	0.01 U	0.01 U	0.01 U	0.03 U	NA	25 U
143-SN-002	143S-002M	1/25/1995	5.5 - 6.5	ND	50 U	50 U	NA	NA	0.01 U	0.01 U	0.01 U	0.03 U	NA	34
143-SS-001	143M-001M	2/9/1995	5 - 6	ND	50 U	50 U	NA	NA	0.01 U	0.01 U	0.01 U	0.03 U	NA	25 U
143-SS-002	143M-002M	2/9/1995	3.5 - 4	ND	50 U	50 U	NA	NA	0.01 U	0.01 U	0.01 U	0.03 U	NA	25 U
143-SS-002	143M-012M	2/9/1995	3.5 - 4	ND	50 U	50 U	NA	NA	0.01 U	0.01 U	0.01 U	0.03 U	NA	25 U
143-SS-003	143M-003M	2/9/1995	6 - 6.5	ND	50 U	50 U	NA	NA	0.01 U	0.01 U	0.01 U	0.03 U	NA	31
143-SS-004	143M-004M	2/9/1995	5 - 5.5	ND	50 U	50 U	NA	NA	0.01 U	0.01 U	0.01 U	0.03 U	NA	25 U
143-SS-005	143M-005M	2/10/1995	7 - 7.5	ND	50 U	50 U	NA	NA	0.01 U	0.01 U	0.01 U	0.03 U	NA	25 U
143-SS-006	143M-006M	2/10/1995	5.5 - 6	140	140	50 U	NA	NA	0.2 U	0.2 U	0.2 U	0.6 U	NA	25 U
143-SS-007	143M-007M	2/10/1995	6.5 - 7	ND	50 U	50 U	NA	NA	0.01 U	0.01 U	0.01 U	0.03 U	NA	25 U
144-001-006	144-0006M	12/8/1994	0.5 - 1	ND	50 U	50 U	NA	NA	NA	NA	NA	NA	NA	25 U
144-001-006	144-0010M	12/8/1994	3.2 - 4	ND	50 U	50 U	NA	NA	NA	NA	NA	NA	NA	25 U
144-001-007	144-0011M	12/8/1994	4 - 4.5	ND	50 U	50 U	NA	NA	NA	NA	NA	NA	NA	25 U
144-001-007	144-0007M	12/8/1994	0.5 - 1	ND	50 U	50 U	NA	NA	NA	NA	NA	NA	NA	56
144-001-007	144-0014M	12/8/1994	0.5 - 1	ND	50 U	50 U	NA	NA	NA	NA	NA	NA	NA	25 U
144-001-008	144-0008M	12/8/1994	0.5 - 1	ND	50 U	50 U	NA	NA	NA	NA	NA	NA	NA	25 U
144-001-008	144-0012M	12/8/1994	3 - 3.5	ND	50 U	50 U	NA	NA	NA	NA	NA	NA	NA	25 U
144-001-013	144-0013	12/8/1994	3 - 3.5	70	12 U	0.59 U	70 YJ	NA	NA	NA	NA	NA	NA	5
144-001-013	144-0009	12/8/1994	0.5 - 1	ND	11 U	0.54 U	22 U	NA	NA	NA	NA	NA	NA	6.1
144-001-013	144-0009M	12/8/1994	0.5 - 1	ND	50 U	50 U	NA	NA	NA	NA	NA	NA	NA	25 U
144-001-013	144-0013M	12/8/1994	3 - 3.5	ND	50 U	50 U	NA	NA	NA	NA	NA	NA	NA	25 U
144-SN-001	144S-001M	1/27/1995	4.5 - 5	ND	50 U	50 U	NA	NA	0.01 U	0.01 U	0.01 U	0.03 U	NA	25 U
163-001	163-0014	8/19/1999	3.5 - 4.5	209	59	0.52 U	150	NA	5.2 U	5.2 U	5.2 U	5.2 U	NA	3.3
163-E1	163-E1	3/24/1995	9 -	120	10 U	1 U	120	10 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA
163-NE	163-NE	8/11/1995	9 -	553	53	1 U	500	5 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA
163-W1	163-W1	3/24/1995	9 -	43	5	1 U	37	1.1	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA

TABLE H-4-1: SOIL ANALYTICAL DATA - SITE 4

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

				Concentration (mg/kg)										
Point Name	Sample Identification	Sampling Date	Sampling Depth (feet bgs)	TTPH	TPH-d	TPH-g	TPH-mo	Jet Fuel	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	Lead
163-W2	163-W2	3/24/1995	9 -	39	3	1 U	25	10 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA
372-1-MOJ	372-P1	9/2/1997	6 -	ND	1 U	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
372-10-MOJ	372-P10	9/3/1997	6.5 -	3,920	50 U	320	500 U	3600	0.25 U	0.25 U	0.52	1.1	2.5 U	NA
372-11-MOJ	372-P11	9/3/1997	6 -	110	1 U	1 U	110	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
372-14-MOJ	372-P14	9/22/1997	7 -	7	25 U	7.3	NA	50 U	0.005 U	0.005 U	0.005 U	0.01 U	0.025 U	NA
372-15-MOJ	372-P15	9/22/1997	6.5 -	308	38	270	NA	10 U	0.12 U	0.12	0.91	1.9	0.62 U	NA
372-16-MOJ	372-P16	10/6/1997	6.5 -	1,300	100 U	0.2 U	NA	1300	0.001 U	0.001 U	0.001 U	0.002 U	0.05 U	NA
372-17-MOJ	372-P17	10/6/1997	6 -	7	7.3	0.2 U	NA	10 U	0.001 U	0.001 U	0.001 U	0.002 U	0.05 U	NA
372-1E	372-1E	4/1/1995	4 -	17,400	4900	7100	8000 U	5400	5.8	26	17	110	NA	NA
372-1W	372-1W	4/1/1995	4 -	164	99	12	400 U	53	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA
372-2-ERM	372-S2	1/9/1995	5 -	13,213	11590	1623	NA	NA	2.52	1.75	7.48	45.9	NA	NA
372-3-ERM	372-S3	1/8/1995	5 -	ND	10 U	10 U	NA	NA	0.005 U	0.01	0.01	0.03	NA	NA
372-3-MOJ	372-P3	9/4/1997	6 -	ND	1 U	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
372-4-ERM	372-S4	1/9/1995	5 -	295	272	23	NA	NA	0.36	0.01	0.01	0.06	NA	NA
372-4-MOJ	372-P4	9/4/1997	3.5 -	830	5 U	1 U	830	5 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
372-5-ERM	372-S5	1/9/1995	5 -	3,428	3065	363	NA	NA	0.61	0.51	2.84	10.1	NA	NA
372-5-MOJ	372-P5	9/4/1997	6 -	ND	1 U	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
372-6-MOJ	372-P6	9/2/1997	6 -	ND	1 U	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
372-7-MOJ	372-P7	9/2/1997	9.5 -	1,080	5 U	310	50 U	770	0.1 U	0.1 U	0.1 U	0.1 U	1 U	NA
372-8-MOJ	372-P8	9/2/1997	6 -	2,540	10 U	540	100 U	2000	0.5 U	0.5 U	0.72	3.5	5 U	NA
372-9-MOJ	372-P9	9/2/1997	6.5 -	221	1 U	41	10 U	180	0.005 U	0.005 U	0.064	0.16	0.05 U	NA
372-MW1	372-MW1	1/20/1995	4 -	15	15	1 U	NA	NA	13 U	13 U	13 U	13 U	NA	NA
372-MW3	372-MW3	1/20/1995	3.5 -	ND	1.2 U	1 U	NA	NA	12 U	12 U	12 U	12 U	NA	NA
B04-01	B04-01	9/5/1991	0 -	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	68.5
B04-02	B04-02	9/5/1991	0 -	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.81 J
B04-03	B04-03	9/5/1991	0 -	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.38 J
B04-04	B04-04	9/5/1991	0 -	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	46.7
B04-05	B04-05	9/5/1991	0 -	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.46 J
B04-06	B04-06	9/5/1991	0 -	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.48 J
B04-07	B04-07	9/5/1991	0 -	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.74 J
B04-08	B04-08	9/5/1991	0 -	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.12 J
B04-09	B04-09	9/5/1991	0 -	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33.4
B04-10	B04-10	9/5/1991	0 -	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28
B04-11	B04-11	9/5/1991	0 -	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	15.3 J
B04-12	B04-12	9/5/1991	0 -	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.2 J
B04-13	B04-13	9/5/1991	0 -	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.06 J
B04-14	B04-14	9/5/1991	0 -	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.15 J
B04-15	B04-15	9/5/1991	0 -	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.27 J
B04-16	B04-16	9/5/1991	0 -	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.76 J
B04-17	B04-17	9/5/1991	0 -	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.28 J
B04-18	B04-18	9/5/1991	0 -	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.82 J
B04-19	B04-19	9/5/1991	0 -	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	28.2
B04-20	B04-20	9/5/1991	0 -	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.12 J
B04-21	260-S04-002	3/30/1994	2.5 - 3	100	1.1 U	1.1 U	100	1.1 U	0.011 U	0.011 U	0.001 J	0.006 J	NA	5.9 J
B04-21	260-S04-003	3/30/1994	5 - 5.5	120	1.3 U	1.3 U	120 J	1.3 U	0.013 U	0.013 U	0.005 J	0.03	NA	5.9 J
B04-21	260-S04-001	3/30/1994	0.5 - 1	550	1.1 U	1.1 U	550 J	1.1 U	0.011 U	0.011 U	0.028	0.19	NA	5.4 J
B04-22	260-S04-004	3/30/1994	0.5 - 1	300	1.1 UJ	1.1 U	300 J	1.1 UJ	0.011 U	0.011 U	0.028	0.17	NA	8.1 J
B04-22	260-S04-005	3/30/1994	2.5 - 3	ND	1.1 U	1.1 U	11 U	1.1 U	0.011 U	0.011 U	0.005 J	0.034	NA	16.7 J
B04-22	260-S04-131	3/30/1994	4.5 - 5.5	140	1.2 U	1.2 U	140 J	1.2 U	0.006 U	0.006 U	0.011 J	0.073	NA	28.6 J

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Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

				Concentration (mg/kg)										
Point Name	Sample Identification	Sampling Date	Sampling Depth (feet bgs)	TTPH	TPH-d	TPH-g	TPH-mo	Jet Fuel	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	Lead
B04-22	260-S04-006	3/30/1994	4.5 - 5.5	ND	1.1 U	1.1 U	11 UJ	1.1 U	0.011 U	0.011 U	0.004 J	0.025	NA	6.1 J
B04-23	260-S04-007	3/30/1994	0.5 - 1.5	89	1.1 U	1.1 U	89 J	1.1 U	0.011 U	0.011 U	0.003 J	0.02	NA	3.3 J
B04-23	260-S04-008	3/30/1994	0.5 - 1.5	410	1.1 U	1.1 U	410 J	1.1 U	0.005 U	0.005 U	0.014	0.085	NA	NA
B04-23	260-S04-009	3/30/1994	3.5 - 4	ND	1.1 U	1.1 U	11 UJ	1.1 U	0.011 U	0.011 U	0.011 U	0.003 J	NA	1.3 UJ
B04-23	260-S04-010	3/30/1994	5 - 5.5	ND	1.2 U	1.2 U	12 UJ	1.2 U	0.012 U	0.012 U	0.003 J	0.017	NA	5.1 J
B04-24	260-S04-012	3/30/1994	2.5 - 3	110	1.1 U	1.1 U	110 J	1.1 U	0.011 U	0.011 U	0.005 J	0.032	NA	34.1 J
B04-24	260-S04-011	3/30/1994	0.5 - 1	240	1.1 U	1.1 U	240 J	1.1 U	0.011 U	0.011 U	0.028	0.16	NA	6.5 J
B04-24	260-S04-013	3/30/1994	5 - 5.5	ND	1.2 U	1.2 U	12 U	1.2 U	0.012 U	0.012 U	0.002 J	0.01 J	NA	19.8
B04-25	260-S04-015	3/16/1994	0 - 1	280	1.1 U	1.1 U	280	1.1 U	0.006 U	0.006 U	0.006 U	0.006 U	NA	NA
B04-25	260-S04-016	3/16/1994	2.5 - 3.5	ND	1.1 U	1 U	11 U	1.1 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	NA
B04-26	260-S04-017	3/17/1994	0 - 1	990	5.4 U	1.1 U	990	5.4 U	0.005 U	0.005 U	0.005 U	0.013	NA	NA
B04-26	260-S04-018	3/17/1994	0 - 1	600	5.4 U	1.1 U	600	5.4 U	0.005 U	0.005 U	0.005 U	0.017	NA	NA
B04-26	260-S04-019	3/17/1994	2.5 - 3.5	ND	1.1 U	1.1 U	11 U	1.1 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	NA
B04-27	260-S04-021	3/17/1994	2.5 - 3.5	260	1 U	1 U	260 J	1 U	0.01 U	0.01 U	0.002 J	0.011	NA	NA
B04-27	260-S04-020	3/17/1994	0 - 1	1,000	5.2 U	1.1 U	1,000	5.2 U	0.005 U	0.005 U	0.005 U	0.013	NA	NA
B04-28	260-S04-022	3/16/1994	0 - 1	1,000	5.3 U	1.1 U	1,000	5.3 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA
B04-28	260-S04-023	3/16/1994	2.5 - 3.5	ND	1 U	1 U	10 U	1 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA
B04-29	260-S04-025	3/17/1994	2.5 - 3.5	130	1.1 U	1.1 U	130	1.1 U	0.011 U	0.011 U	0.005 J	0.028	NA	NA
B04-29	260-S04-024	3/17/1994	0 - 1	170	1.1 U	1.1 U	170	1.1 U	0.005 U	0.005 U	0.005 U	0.015	NA	NA
B04-30	260-S04-026	3/17/1994	0 - 1	650	5.3 U	1.1 U	650	5.3 U	0.005 U	0.005 U	0.005 U	0.006	NA	NA
B04-30	260-S04-027	3/17/1994	2.5 - 3.5	ND	1.1 U	1.1 U	11 U	1.1 U	0.011 U	0.011 U	0.011 U	0.003 J	NA	NA
B04-31	260-S04-029	3/17/1994	2.5 - 3.5	100	1.2 U	1.1 U	100 J	1.2 U	0.012 U	0.012 U	0.012 U	0.002 J	NA	NA
B04-31	260-S04-028	3/17/1994	0 - 1	2,057	57	1.1 U	**2,000**	13 U	0.005 U	0.005 U	0.011	0.06	NA	NA
B04-32	260-S04-030	3/17/1994	0 - 1	1,400	6.4 U	1.1 U	1,400	6.4 U	0.005 U	0.005 U	0.006	0.036	NA	NA
B04-32	260-S04-031	3/17/1994	2.5 - 3.5	340	2.2 U	1.1 U	340	2.2 U	0.011 U	0.011 U	0.005 J	0.032	NA	NA
B04-32	260-S04-032	3/17/1994	2.5 - 3.5	ND	1.1 U	1.1 U	11 U	1.1 U	0.005 U	0.005 U	0.013	0.069	NA	NA
B04-33	260-S04-034	3/18/1994	2.5 - 3.5	ND	1 U	1 U	10 U	1 U	0.01 U	0.01 U	0.01 U	0.001 J	NA	NA
B04-33	260-S04-033	3/18/1994	0 - 1	ND	1 U	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA
B04-34	260-S04-035	3/18/1994	0 - 1	1,400	3.1 U	1 U	1,400	3.1 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA
B04-34	260-S04-036	3/18/1994	2.5 - 3.5	ND	1.1 U	1.1 U	11 U	1.1 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	NA
B04-35	260-S04-037	3/16/1994	0 - 1	2,300	6.4 U	1.1 U	**2,300**	6.4 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA
B04-35	260-S04-038	3/16/1994	2.5 - 3.5	ND	1.1 U	1.1 U	11 U	1.1 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	NA
B04-36	260-S04-039	3/18/1994	0 - 1	1,700	6.3 U	1 U	1,700	6.3 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA
B04-36	260-S04-040	3/18/1994	2.5 - 3.5	ND	1.3 U	1.4 U	13 U	1.3 U	0.013 U	0.013 U	0.013 U	0.013 U	NA	NA
B04-37	260-S04-041	3/18/1994	0 - 1	900	5.2 U	1 U	900	5.2 U	0.01 U	0.003 J	0.017	0.086	NA	NA
B04-37	260-S04-042	3/18/1994	2.5 - 3.5	ND	1.2 U	1.2 U	12 U	1.2 U	0.012 U	0.012 U	0.001 J	0.008 J	NA	NA
B04-38	260-S04-043	3/16/1994	0 - 1	1,300	5.3 U	1.1 U	1,300	5.3 U	0.011 U	0.011 U	0.011 U	0.001 J	NA	NA
B04-38	260-S04-044	3/16/1994	2.5 - 3.5	ND	1.2 U	1.1 U	12 U	1.2 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	NA
B04-39	260-S04-045	3/18/1994	0 - 1	88	1 U	1 U	88	1 U	0.01 U	0.01 U	0.004 J	0.029	NA	NA
B04-39	260-S04-046	3/18/1994	2.5 - 3.5	590	3.1 U	1 U	590	3.1 U	0.01 U	0.01 U	0.004 J	0.022	NA	NA
B04-40	260-S04-047	3/16/1994	0 - 1	1,200	3.1 U	1 U	1,200	3.1 U	0.01 U	0.01 U	0.016	0.086	NA	NA
B04-40	260-S04-048	3/16/1994	2.5 - 3.5	ND	1.2 U	1.7 U	12 U	1.2 U	0.012 U	0.012 U	0.002 J	0.011 J	NA	NA
B04-41	260-S04-050	9/1/1994	2.5 - 3.5	35	1.1 U	1.1 U	35	1.1 U	0.011 U	0.003 J	0.011 U	0.011 U	NA	25.9 J
B04-41	260-S04-051	9/1/1994	4.5 - 5.5	65	1.2 U	1.2 U	65	1.2 U	0.012 U	0.004 J	0.012 U	0.042	NA	53.2 J
B04-41	260-S04-052	9/1/1994	5.5 - 6.5	23	1.2 U	1.2 U	23	1.2 U	0.006 U	0.006 J	0.006 U	0.006 U	NA	49.2 J
B04-41	260-S04-049	9/1/1994	0 - 1	740	4.2 UJ	1 U	740 J	4.2 UJ	0.01 U	0.002 J	0.01 U	0.019	NA	**371 J**
B04-42	260-S04-055	4/1/1994	5 - 5.5	41	1.2 UJ	1.2 U	41	1.2 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	9.1
B04-42	260-S04-054	4/1/1994	2.5 - 3	190	10 J	1.2 U	180	1.2 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	8.7
B04-42	260-S04-053	4/1/1994	0.5 - 1	1,200	4.1 UJ	1 U	1200	4.1 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	10.8

TABLE H-4-1: SOIL ANALYTICAL DATA - SITE 4

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

				Concentration (mg/kg)										
Point Name	Sample Identification	Sampling Date	Sampling Depth (feet bgs)	TTPH	TPH-d	TPH-g	TPH-mo	Jet Fuel	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	Lead
B04-43	280-S04-003	9/1/1994	5 - 6	101	12 U	0.61 U	101 J	12 U	0.003 J	0.005 J	0.003 J	0.007 J	NA	7.4 J
B04-43	280-S04-002	9/1/1994	2.5 - 3.5	2,380	55 U	0.55 U	**2,380 J**	55 U	0.011 U	0.001 J	0.007 J	0.006 J	NA	15.5 J
B04-43	280-S04-001	9/1/1994	0 - 1	3,611	50 U	1.3 J	**3,610 J**	50 U	NA	NA	NA	NA	NA	34.4 J
B04-44	280-S04-006	9/1/1994	5.5 - 6	168	12 U	0.6 U	168 J	12 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	27.6 J
B04-44	280-S04-005	9/1/1994	3 - 4	240	11 U	0.54 U	240 J	11 U	0.011 U	0.002 J	0.002 J	0.003 J	NA	4 J
B04-44	280-S04-004	9/1/1994	0 - 0.5	1,990	53 U	0.53 UJ	**1,990 J**	53 U	NA	NA	NA	NA	NA	7.9 J
B04-45	280-S04-007	9/15/1994	0 - 1	200	12 U	0.6 U	200 J	12 U	NA	NA	NA	NA	NA	52.2
B04-45	280-S04-008	9/15/1994	2.5 - 3.5	340	12 U	0.59 U	340 J	12 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	10.3
B04-45	280-S04-009	9/15/1994	4.5 - 5.5	460	12 U	0.62 U	460 J	12 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	22.8
B07C-11	280-S7C-001	8/17/1994	0.5 - 1.5	ND	10 U	0.53 U	26 U	10 U	NA	NA	NA	NA	NA	1.7 UJ
B07C-11	280-S7C-002	8/17/1994	2.5 - 3.5	ND	12 U	0.58 U	29 U	12 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	2.4 UJ
B07C-11	280-S7C-003	8/17/1994	5 - 6	ND	12 U	0.61 U	30 U	12 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	3 UJ
B360-5	B360-5 [1.0-1.5]	6/25/1990	1 - 1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.4 U
B360-5	B360-5 [3.0-3.5]	6/25/1990	3 - 3.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.5 U
B360-5	B360-5 [10.0-10.5]	6/25/1990	10 - 10.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.8 U
B360-5	B360-5 [6.0-6.5]	6/25/1990	6 - 6.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.8 U
B360-5	B360-5 [15.0-15.5]	6/25/1990	15 - 15.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.9 U
B360-5	B360-5 [11.5-12.0]	6/26/1990	11.5 - 12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6 U
B360-5	B360-5 [2.5-3.0]	6/25/1990	2.5 - 3	NA	NA	NA	NA	NA	0.005 U	0.16	0.005 U	0.005 U	NA	NA
B360-5	B360-5 [11.0-11.5]	6/26/1990	11 - 11.5	NA	NA	NA	NA	NA	0.006 U	0.003 J	0.006 U	0.006 U	NA	NA
B360-5	B360-5 [5.5-6.0]	6/26/1990	5.5 - 6	NA	NA	NA	NA	NA	0.006 U	0.004 J	0.006 U	0.006 U	NA	NA
B360-5	B360-5 [14.5-15.0]	6/25/1990	14.5 - 15	NA	NA	NA	NA	NA	0.006 U	0.006	0.006 U	0.006 U	NA	NA
B360-5	B360-5 [9.5-10.0]	6/25/1990	9.5 - 10	NA	NA	NA	NA	NA	0.006 U	0.007	0.006 U	0.006 U	NA	NA
B360-6	B360-6 [13.5-14.0]	6/25/1990	13.5 - 14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.4
B360-6	B360-6 [12.0-12.5]	6/25/1990	12 - 12.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.2
B360-6	B360-6 [9.0-9.5]	6/25/1990	9 - 9.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.5
B360-6	B360-6 [5.5-6.0]	6/25/1990	5.5 - 6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13
B360-6	B360-6 [2.5-3.0]	6/25/1990	2.5 - 3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17
B360-6	B360-6 [0.5-1.0]	6/25/1990	.5 - 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	37
B360-6	B360-6 [2.0-2.5]	6/25/1990	2 - 2.5	NA	NA	NA	NA	NA	0.0056 U	0.0056 U	0.0056 U	0.0056 U	NA	NA
B360-6	B360-6 [5.0-5.5]	6/25/1990	5 - 5.5	NA	NA	NA	NA	NA	0.0058 U	0.0058 U	0.0058 U	0.0058 U	NA	NA
B360-6	B360-6 [11.5-12.0]	6/25/1990	11.5 - 12	NA	NA	NA	NA	NA	0.006 U	0.006 U	0.006 U	0.006 U	NA	NA
B360-6	B360-6 [13.0-13.5]	6/25/1990	13 - 13.5	NA	NA	NA	NA	NA	0.006 U	0.006 U	0.006 U	0.006 U	NA	NA
B360-6	B360-6 [8.5-9.0]	6/25/1990	8.5 - 9	NA	NA	NA	NA	NA	0.0061 U	0.0061 U	0.0061 U	0.0061 U	NA	NA
B360-7	B360-7 [15.0-15.5]	6/26/1990	15 - 15.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.1 U
B360-7	B360-7 [11.5-12.0]	6/26/1990	11.5 - 12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.2 U
B360-7	B360-7 [5.5-6.0]	6/26/1990	5.5 - 6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.6
B360-7	B360-7 [1.0-1.5]	6/26/1990	1 - 1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.8
B360-7	B360-7 [9.0-9.5]	6/26/1990	9 - 9.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.9
B360-7	B360-7 [3.0-3.5]	6/26/1990	3 - 3.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.4
B360-7	B360-7 [9.5-10.0]	6/26/1990	9.5 - 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.4
B360-7	B360-7 [2.5-3.0]	6/26/1990	2.5 - 3	NA	NA	NA	NA	NA	0.0054 U	0.077	0.0054 U	0.0054 U	NA	NA
B360-7	B360-7 [8.5-9.0]	6/26/1990	8.5 - 9	NA	NA	NA	NA	NA	0.0059 U	0.0059 U	0.0059 U	0.0059 U	NA	NA
B360-7	B360-7 [14.5-15.0]	6/26/1990	14.5 - 15	NA	NA	NA	NA	NA	0.006 U	0.021	0.006 U	0.006 U	NA	NA
B360-7	B360-7 [11.0-11.5]	6/26/1990	11 - 11.5	NA	NA	NA	NA	NA	0.0062 U	0.0062 U	0.0062 U	0.0062 U	NA	NA
B360-7	B360-7 [5.0-5.5]	6/26/1990	5 - 5.5	NA	NA	NA	NA	NA	0.0062 U	0.0062 U	0.0062 U	0.0062 U	NA	NA
B360-8	B360-8 [5.5-6.0]	7/8/1990	5.5 - 6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.8 U
B360-8	B360-8 [9.0-9.5]	7/8/1990	9 - 9.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.9 U
B360-8	B360-8 [12.0-12.5]	6/26/1990	12 - 12.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6 U

TABLE H-4-1: SOIL ANALYTICAL DATA - SITE 4

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

Point Name	Sample Identification	Sampling Date	Sampling Depth (feet bgs)	Concentration (mg/kg)										
				TTPH	TPH-d	TPH-g	TPH-mo	Jet Fuel	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	Lead
B360-8	B360-8 [15.0-15.5]	7/8/1990	15 - 15.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6 U
B360-8	B360-8 [1.0-1.5]	7/8/1990	1 - 1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.2
B360-8	B360-8 [3.0-3.5]	7/8/1990	3 - 3.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.2
B360-8	B360-8 [14.5-15.0]	6/26/1990	14.5 - 15	NA	NA	NA	NA	NA	0.006 U	0.005 J	0.006 U	0.006 U	NA	NA
B360-8	B360-8 [5.0-5.5]	6/26/1990	5 - 5.5	NA	NA	NA	NA	NA	0.006 U	0.006	0.006 U	0.006 U	NA	NA
B360-8	B360-8 [8.5-9.0]	6/26/1990	8.5 - 9	NA	NA	NA	NA	NA	0.006 U	0.031	0.006 U	0.006 U	NA	NA
B360-8	B360-8 [11.5-12.0]	7/8/1990	11.5 - 12	NA	NA	NA	NA	NA	NA	0.014	NA	NA	NA	NA
B360-8	B360-8 [2.5-3.0]	7/8/1990	2.5 - 3	NA	NA	NA	NA	NA	NA	0.095	NA	NA	NA	NA
B360-9	B360-9 [12.0-12.5]	7/8/1990	12 - 12.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.9 U
B360-9	B360-9 [15.5-16.0]	7/8/1990	15.5 - 16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6 U
B360-9	B360-9 [9.5-10.0]	7/8/1990	9.5 - 10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6 U
B360-9	B360-9 [5.5-6.0]	7/8/1990	5.5 - 6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.2 U
B360-9	B360-9 [0.5-1.0]	7/8/1990	.5 - 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.5
B360-9	B360-9 [2.5-3.0]	7/8/1990	2.5 - 3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1,460**
B360-9	B360-9 [5.0-5.5]	6/26/1990	5 - 5.5	NA	NA	NA	NA	NA	0.006 U	0.005 J	0.006 U	0.006 U	NA	NA
B360-9	B360-9 [11.5-12.0]	6/26/1990	11.5 - 12	NA	NA	NA	NA	NA	0.006 U	0.007	0.006 U	0.006 U	NA	NA
B360-9	B360-9 [15.0-15.5]	6/26/1990	15 - 15.5	NA	NA	NA	NA	NA	0.006 U	0.007	0.006 U	0.006 U	NA	NA
B360-9	B360-9 [2.0-2.5]	6/26/1990	2 - 2.5	NA	NA	NA	NA	NA	0.009 U	0.19 D	0.009 U	0.009 U	NA	NA
B360-9	B360-9 [9.0-9.5]	7/8/1990	9 - 9.5	NA	NA	NA	NA	NA	NA	0.008 U	NA	NA	NA	NA
CA04-03	030-CAP-038	5/4/2000	4 - 5	ND	10 U	0.5 U	250 U	10 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	**2,900**
CA04-04	030-CAP-040	5/4/2000	0.5 - 1.5	ND	10 U	0.5 UJ	250 U	10 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	23
CA04-04	030-CAP-041	5/4/2000	3 - 4	ND	10 U	0.5 UJ	250 U	10 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	25
CPT-S04-06	260-S04-232	1/24/1995	10 -	NA	NA	NA	NA	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	NA
CPT-S04-06	260-S04-233	1/24/1995	30 -	NA	NA	NA	NA	NA	0.012 UJ	0.012 UJ	0.012 U	0.012 UJ	NA	NA
CPT-S04-06	260-S04-234	1/24/1995	50 -	NA	NA	NA	NA	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	NA
CPT-S04-07	260-S04-235	1/19/1995	10 -	NA	NA	NA	NA	NA	0.012 UJ	0.012 UJ	0.0007 J	0.012 UJ	NA	NA
CPT-S04-07	260-S04-236	1/19/1995	10 -	NA	NA	NA	NA	NA	0.012 UJ	0.012 U	0.001 J	0.012 UJ	NA	NA
CPT-S04-07	260-S04-238	1/19/1995	50 -	NA	NA	NA	NA	NA	0.012 U	0.012 U	0.0008 J	0.012 UJ	NA	NA
CPT-S04-07	260-S04-237	1/19/1995	30 -	NA	NA	NA	NA	NA	0.012 U	0.012 U	0.001 J	0.012 UJ	NA	NA
CPT-S04-08	260-S04-239	1/23/1995	10 -	NA	NA	NA	NA	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	NA
CPT-S04-08	260-S04-240	1/23/1995	30 -	NA	NA	NA	NA	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	NA
CPT-S04-09	260-S04-243	1/25/1995	30 -	NA	NA	NA	NA	NA	0.012 UJ	0.012 U	0.012 U	0.012 U	NA	NA
CPT-S04-09	260-S04-244	1/25/1995	30 -	NA	NA	NA	NA	NA	0.012 UJ	0.012 U	0.012 U	0.012 U	NA	NA
CPT-S04-09	260-S04-245	1/25/1995	50 -	NA	NA	NA	NA	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	NA
CPT-S04-09	260-S04-242	1/25/1995	10 -	NA	NA	NA	NA	NA	0.015 U	0.015 U	0.015 U	0.015 U	NA	NA
D04-01	260-S04-132	5/12/1994	75 - 76	NA	NA	NA	NA	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	NA
D04-01	260-S04-133	5/12/1994	89 - 89.5	NA	NA	NA	NA	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	NA
D04-01	260-S04-135	5/12/1994	100 - 100.5	NA	NA	NA	NA	NA	0.013 U	0.013 U	0.013 U	0.013 U	NA	NA
D04-01	260-S04-134	5/12/1994	91 - 91.5	NA	NA	NA	NA	NA	0.014 U	0.014 U	0.014 U	0.014 U	NA	NA
D04-02	260-S04-215	2/9/1995	50 - 51	NA	NA	NA	NA	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	NA
D04-02	260-S04-218	3/1/1995	80 - 81	NA	NA	NA	NA	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	NA
D04-02	260-S04-210	2/9/1995	10 - 11	NA	NA	NA	NA	NA	0.001 J	0.002 J	0.012 U	0.012 U	NA	NA
D04-02	260-S04-211	2/9/1995	20 - 21	NA	NA	NA	NA	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	NA
D04-02	260-S04-212	2/9/1995	30 - 31	NA	NA	NA	NA	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	NA
D04-02	260-S04-213	2/9/1995	31 - 32	NA	NA	NA	NA	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	NA
D04-02	260-S04-214	2/9/1995	40 - 41	NA	NA	NA	NA	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	NA
D04-02	260-S04-216	2/9/1995	60 - 61	NA	NA	NA	NA	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	NA
D04-02	260-S04-219	3/2/1995	90 - 91	NA	NA	NA	NA	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	NA
D04-02	260-S04-217	3/1/1995	70 - 71	NA	NA	NA	NA	NA	0.013 U	0.002 J	0.013 U	0.013 U	NA	NA

TABLE H-4-1: SOIL ANALYTICAL DATA - SITE 4

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

				Concentration (mg/kg)										
Point Name	Sample Identification	Sampling Date	Sampling Depth (feet bgs)	TTPH	TPH-d	TPH-g	TPH-mo	Jet Fuel	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	Lead
D04-02	260-S04-220	3/2/1995	100 - 101	NA	NA	NA	NA	NA	0.016 U	0.016 U	0.016 U	0.016 U	NA	NA
D04-03	260-S04-224	2/8/1995	40 - 41	NA	NA	NA	NA	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	NA
D04-03	260-S04-221	2/8/1995	10 - 11	NA	NA	NA	NA	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	NA
D04-03	260-S04-222	2/8/1995	20 - 21	NA	NA	NA	NA	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	NA
D04-03	260-S04-223	2/8/1995	30 - 31	NA	NA	NA	NA	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	NA
D04-03	260-S04-225	2/8/1995	50 - 51	NA	NA	NA	NA	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	NA
D04-03	260-S04-226	2/8/1995	60 - 61	NA	NA	NA	NA	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	NA
D04-03	260-S04-227	2/16/1995	70 - 71	NA	NA	NA	NA	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	NA
D04-03	260-S04-229	2/16/1995	80 - 82	NA	NA	NA	NA	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	NA
D04-03	260-S04-230	2/16/1995	90 - 91	NA	NA	NA	NA	NA	0.013 U	0.013 U	0.013 U	0.013 U	NA	NA
D04-03	260-S04-231	2/17/1995	100 - 101	NA	NA	NA	NA	NA	0.014 U	0.014 U	0.014 U	0.014 U	NA	NA
M03-05	280-S03-031	11/20/1994	1 - 2	48	11 U	0.53 U	48 J	11 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	10.9
M03-05	280-S03-032	11/20/1994	2.5 - 3.5	580	11 U	0.54 U	580 J	11 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	2.3
M03-05	280-S03-033	11/20/1994	5 - 6	ND	12 U	0.61 U	24 U	12 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	2.8
M03-06	280-S03-034	11/19/1994	0.5 - 1.5	39	11 U	0.54 U	39 J	11 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	5.9
M03-06	280-S03-036	11/19/1994	5 - 6	44	13 U	0.67 U	44 J	13 U	0.013 U	0.013 U	0.013 U	0.013 U	NA	93.4
M03-06	280-S03-035	11/19/1994	2.5 - 3.5	ND	11 U	0.56 U	22 U	11 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	24.2
M04-05	260-S04-056	3/30/1994	1 - 1.5	1,100	1.6 U	1.1 U	1100	1.6 U	0.005 U	0.005 U	0.009	0.043	NA	5.8
M04-05	260-S04-057	3/30/1994	1.5-2	450	1.1 U	1.1 U	450	1.1 U	0.005 U	0.005 U	0.002	0.013	NA	3.3
M04-05	260-S04-058	3/30/1994	2.5 - 3	560	1.1 U	1.1 U	560	1.1 U	0.011 U	0.011 U	0.011 U	0.004 J	NA	1.9
M04-05	260-S04-059	3/30/1994	5 - 5.5	140	1.2 U	1.2 U	140	1.2 U	0.012 U	0.012 U	0.004 J	0.027	NA	3
M04-06	260-S04-060	3/30/1994	1 - 1.5	ND	1.1 U	1.1 U	11 U	1.1 U	0.011 U	0.011 U	0.002 J	0.012	NA	6.9
M04-06	260-S04-061	3/30/1994	2 - 2.5	ND	1.2 U	1.2 U	12 U	1.2 U	0.012 U	0.012 U	0.012 U	0.003 J	NA	2.7
M04-06	260-S04-062	3/30/1994	5 - 5.5	ND	1.5 U	1.5 UJ	15 U	1.5 U	0.007 UJ	0.007 UJ	0.006 J	0.039	NA	5.6
M04-07	260-S04-063	3/30/1994	0.5 - 1	110	1.1 U	1.1 U	110 J	1.1 U	0.011 U	0.011 U	0.001 J	0.008 J	NA	2.6
M04-07	260-S04-065	3/30/1994	5 - 5.5	880	1.5 U	1.5 UJ	880	1.5 U	0.007 UJ	0.007 UJ	0.009 J	0.062 J	NA	243
M04-07	260-S04-064	3/30/1994	2.5 - 3	ND	1.1 U	1.1 U	11 U	1.1 U	0.011 U	0.011 U	0.011 U	0.001 J	NA	1.6
MW360-1	MW360-1 [3.0-3.5]	6/28/1990	3 - 3.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.2 U
MW360-1	MW360-1 [0.5-1.0]	6/28/1990	0.5 - 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.5 U
MW360-1	MW360-1 [12.0-12.5]	6/28/1990	12 - 12.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6 U
MW360-1	MW360-1 [15.0-15.5]	6/28/1990	15 - 15.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.1 U
MW360-1	MW360-1 [9.0-9.5]	6/28/1990	9 - 9.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.1 U
MW360-1	MW360-1 [5.5-6.0]	6/28/1990	5.5 - 6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22.1
MW360-1	MW360-1 [2.5-3.0]	6/28/1990	2.5 - 3	NA	NA	NA	NA	NA	0.005 U	0.005 J	0.005 U	0.005 U	NA	NA
MW360-1	MW360-1 [5.0-5.5]	6/28/1990	5 - 5.5	NA	NA	NA	NA	NA	0.006 U	0.005 J	0.006 U	0.006 U	NA	NA
MW360-1	MW360-1 [8.5-9.0]	6/27/1990	8.5 - 9	NA	NA	NA	NA	NA	0.006 U	0.005 J	0.006 U	0.006 U	NA	NA
MW360-1	MW360-1 [11.5-12.0]	6/28/1990	11.5 - 12	NA	NA	NA	NA	NA	0.015 U	0.008 DJ	0.015 U	0.015 U	NA	NA
MW360-2	MW360-2 [3.0-3.5]	6/28/1990	3 - 3.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.6 U
MW360-2	MW360-2 [7.5-8.0]	6/28/1990	7.5 - 8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.8 U
MW360-2	MW360-2 [12.0-12.5]	6/27/1990	12 - 12.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.9 U
MW360-2	MW360-2 [9.0-9.5]	6/28/1990	9 - 9.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.9 U
MW360-2	MW360-2 [15.0-15.5]	6/28/1990	15 - 15.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7 U
MW360-2	MW360-2 [1.0-1.5]	6/28/1990	1 - 1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.2
MW360-2	MW360-2 [14.5-15.0]	6/28/1990	14.5 - 15	NA	NA	NA	NA	NA	0.006 U	0.003 J	0.006 U	0.006 U	NA	NA
MW360-2	MW360-2 [7.0-7.5]	6/28/1990	7 - 7.5	NA	NA	NA	NA	NA	0.006 U	0.004 J	0.006 U	0.006 U	NA	NA
MW360-2	MW360-2 [11.5-12.0]	6/27/1990	11.5 - 12	NA	NA	NA	NA	NA	0.006 U	0.008	0.006 U	0.006 U	NA	NA
MW360-2	MW360-2 [8.5-9.0]	6/27/1990	8.5 - 9	NA	NA	NA	NA	NA	0.006 U	0.012	0.006 U	0.006 U	NA	NA
MW360-2	MW360-2 [2.5-3.0]	6/27/1990	2.5 - 3	NA	NA	NA	NA	NA	0.006 U	0.083	0.006 U	0.006 U	NA	NA
MW360-3	MW360-3 [1.0-1.5]	6/27/1990	1 - 1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.3 U

TABLE H-4-1: SOIL ANALYTICAL DATA - SITE 4

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

				Concentration (mg/kg)										
Point Name	Sample Identification	Sampling Date	Sampling Depth (feet bgs)	TTPH	TPH-d	TPH-g	TPH-mo	Jet Fuel	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	Lead
MW360-3	MW360-3 [9.0-9.5]	6/27/1990	9 - 9.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6 U
MW360-3	MW360-3 [15.0-15.5]	6/27/1990	15 - 15.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.1 U
MW360-3	MW360-3 [5.5-6.0]	6/27/1990	5.5 - 6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.1 U
MW360-3	MW360-3 [12.0-12.5]	6/27/1990	12 - 12.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.2 U
MW360-3	MW360-3 [3.0-3.5]	6/27/1990	3 - 3.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.4 U
MW360-3	MW360-3 [11.5-12.0]	6/27/1990	11.5 - 12	NA	NA	NA	NA	NA	0.006 U	0.005 J	0.006 U	0.006 U	NA	NA
MW360-3	MW360-3 [14.5-15.0]	6/27/1990	14.5 - 15	NA	NA	NA	NA	NA	0.006 U	0.006 U	0.006 U	0.006 U	NA	NA
MW360-3	MW360-3 [8.5-9.0]	6/27/1990	8.5 - 9	NA	NA	NA	NA	NA	0.006 U	0.007	0.006 U	0.006 U	NA	NA
MW360-3	MW360-3 [5.0-5.5]	6/27/1990	5 - 5.5	NA	NA	NA	NA	NA	0.006 U	0.03	0.006 U	0.006 U	NA	NA
MW360-3	MW360-3 [2.5-3.0]	6/27/1990	2.5 - 3	NA	NA	NA	NA	NA	0.006 U	0.1	0.006 U	0.006 U	NA	NA
MW360-4	MW360-4 [3.0-3.5]	6/27/1990	3 - 3.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.5 U
MW360-4	MW360-4 [5.5-6.0]	6/27/1990	5.5 - 6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.8 U
MW360-4	MW360-4 [4.5-5.0]	6/27/1990	4.5 - 5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6 U
MW360-4	MW360-4 [14.5-15.0]	6/27/1990	14.5 - 15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.1 U
MW360-4	MW360-4 [9.0-9.5]	6/27/1990	9 - 9.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.1 U
MW360-4	MW360-4 [12.0-12.5]	6/27/1990	12 - 12.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.2 U
MW360-4	MW360-4 [1.0-1.5]	6/27/1990	1 - 1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12
MW360-4	MW360-4 [2.5-3.0]	6/27/1990	2.5 - 3	NA	NA	NA	NA	NA	0.005 U	0.011	0.005 U	0.005 U	NA	NA
MW360-4	MW360-4 [14.0-14.5]	6/27/1990	14 - 14.5	NA	NA	NA	NA	NA	0.006 U	0.005 J	0.006 U	0.006 U	NA	NA
MW360-4	MW360-4 [11.5-12.0]	6/27/1990	11.5 - 12	NA	NA	NA	NA	NA	0.006 U	0.007	0.006 U	0.006 U	NA	NA
MW360-4	MW360-4 [5.0-5.5]	6/27/1990	5 - 5.5	NA	NA	NA	NA	NA	0.007 U	0.078	0.007 U	0.007 U	NA	NA
MW360-4	MW360-4 [8.5-9.0]	6/27/1990	8.5 - 9	NA	NA	NA	NA	NA	NA	0.03 U	NA	NA	NA	NA
S04-DGS-DP15	385-S04-057	8/7/2001	4.5 - 5	199	19 J	0.1 U	180 J	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP15	385-S04-057A	8/7/2001	4 - 4.5	350	120 U	0.58 U	350 M	120 U	0.012 U	0.012 U	0.012 U	0.012 U	0.03 U	NA
S04-DGS-VE04	385-S04-305A	4/26/2002	3 - 3.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.4
S04-DGS-VE04	385-S04-306A	4/26/2002	5 - 5.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.5
S04-DGS-VE05	385-S04-309A	4/26/2002	5 - 5.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	72.1
S04-DGS-VE05	385-S04-308A	4/26/2002	3 - 3.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	90.1
S04-DGS-VE06	385-S04-311A	4/26/2002	3 - 3.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.4

Notes:

A bolded concentration indicates a detection exceeding screening critera.

bgs	Below ground surface
DJ	Indicates estimated compound identified in an analysis at a secondary dilution factor
J	Indicates an estimated concentration value
M	Pattern resembles motor oil
mg/kg	Milligrams per kilogram
MTBE	Methyl tertiary butyl ether
NA	Not analyzed
ND	Not detected
TPH	Total petroleum hydrocarbon
TPH-d	Total petroleum hydrocarbons as diesel
TPH-g	Total petroleum hydrocarbons as gasoline
TPH-mo	Total petroleum hydrocarbons as motor oil
TTPH	Total total petroleum hydrocarbons (sum of all TPH fractions)
U	Indicates compound was analyzed for but not detected above the concentration listed
UJ	Indicates compound was analyzed for but not detected above the estimated concentration listed
YJ	Indicates estimated hydrocarbon mixture did not exhibit a reasonable pattern match with the calibration standard

TABLE H-5-1: SOIL ANALYTICAL DATA - SITE 11

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

				Concentration (mg/kg)										
Point Name	Sample Identification	Sampling Date	Sampling Depth (feet bgs)	TTPH	TPH-d	TPH-g	TPH-mo	Jet Fuel	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	Lead
030-FLI-061	030-FLI-061	9/22/1998	0 - 4.5	ND	10 U	0.52 U	10 U	10 U	0.00052 U	0.00052 U	0.00052 U	0.001 U	0.026 U	NA
030-FLI-064	030-FLI-064	9/25/1998	0 - 4.5	ND	12 U	0.61 U	12 U	12 U	0.00061 U	0.0005 UJ	0.00061 U	0.002	0.031 U	NA
030-FLI-073	030-FLI-073	9/29/1998	0 - 5	570	140 J	0.3 J	430 J	55 U	0.00055 U	0.00055 U	0.00055 U	0.0011 U	0.028 U	NA
030-FLI-075	030-FLI-075	10/20/1998	0 - 5	14	12 U	2 J	12 U	12	0.0062 U	0.0062 U	0.0062 U	0.0182 U	0.031 U	NA
030-MOD1-01	030-MOD1-01	11/20/1998	0 - 9	20	20 J	0.6 U	8.3 U	8.3 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	5.6 J
030-MOD1-02	030-MOD1-02	11/20/1998	0 - 9	ND	8 U	0.6 U	8 U	8 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	3.6
030-MOD1-136	030-MOD1-136	11/24/1998	0 - 6.5	ND	8 U	7.5 U	8 U	8 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	2.3
030-MOD1-137	030-MOD1-137	11/24/1998	0 - 6	11	7.9 U	0.6 U	11 J	7.9 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	6.2
030-MOD1-14	030-MOD1-14	11/16/1998	0 - 11	13	8.4 U	NA	13 J	8.4 U	0.00061 U	0.00061 U	0.00061 U	0.0012 U	0.0006 U	NA
030-MOD1-148	030-MOD1-148	11/24/1998	0 - 6.5	22	8 U	8.5 J	13 J	8 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	2.6
030-MOD1-149	030-MOD1-149	11/24/1998	0 - 6	ND	8.6 U	0.65 U	8.6 U	8.6 U	0.015 U	0.015 U	0.015 U	0.015 U	NA	4.7
030-MOD1-15	030-MOD1-15	11/16/1998	0 - 11	18	18 J	NA	8.5 U	8.5 U	0.00062 U	0.00062 U	0.00062 U	0.0012 U	0.0006 U	NA
030-MOD1-159	030-MOD1-159	11/24/1998	0 - 6.5	1,305	1300 J	4.9 J	80 U	80 U	1.2 U	1.2 U	1.2 U	1.2 U	NA	4
030-MOD1-160	030-MOD1-160	11/24/1998	0 - 6	12	8.9 U	0.84 J	11 J	8.9 U	0.013 U	0.013 U	0.013 U	0.013 U	NA	7.6
030-MOD1-170	030-MOD1-170	11/24/1998	0 - 5	ND	8 U	0.6 U	8 U	8 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	2.5
030-MOD1-25	030-MOD1-25	11/20/1998	0 - 9	14	8.9 U	4 J	10 J	8.9 U	0.013 U	0.013 U	0.013 U	0.013 U	NA	25.2 J
030-MOD1-26	030-MOD1-26	11/20/1998	0 - 9	36	8.8 U	0.66 U	36 J	8.8 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	13.3
030-MOD1-37	030-MOD1-37	11/20/1998	0 - 9	ND	8.2 U	0.62 U	8.2 U	8.2 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	9
030-MOD1-47	030-MOD1-47	11/16/1998	0 - 10	ND	8.3 U	0.5 U	8.3 U	8.3 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	2.5 J
030-MOD1-48	030-MOD1-48	11/16/1998	0 - 10	ND	8.1 U	0.58 U	8.1 U	8.1 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	2.2 J
030-MOD1-58	030-MOD1-58	11/20/1998	0 - 8.5	ND	10 U	0.72 U	10 U	10 U	0.0012	0.00069 U	0.00069 U	0.0014 U	0.072	16.5 J
030-MOD1-59	030-MOD1-59	11/20/1998	0 - 9	257	250 J	6.5 J	34 U	34 U	0.0019 U	0.0019 U	0.0019 U	0.0038 U	0.0019 U	8.3 J
030-MOD1-69	030-MOD1-69	11/16/1998	0 - 10.5	595	215 J	250 J	130 J	82 U	0.24 U	0.24 U	0.24 U	0.48 U	0.24 U	9.8 J
030-MOD1-80	030-MOD1-80	11/16/1998	0 - 10.5	11	8.3 U	0.6 U	11 J	8.3 U	0.0006 UJ	0.0006 UJ	0.0006 UJ	0.0012 UJ	0.0006 U	6.6 J
030-S07-026	030-S07-026	9/29/1998	0 - 4.5	7	11 U	0.55 U	7 J	11 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	6.8
030-S07-027	030-S07-027	9/29/1998	0 - 4.5	ND	11 U	0.57 U	11 U	11 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	31.1
030-S07-028	030-S07-028	9/29/1998	0 - 4.5	310	57 U	0.3 J	310 J	57 U	0.011 U	0.011 U	0.011 U	0.002 J	NA	2.3
030-S07-031	030-S07-031	10/1/1998	0 - 5	10	11 U	0.53 U	10 J	11 U	0.011 U	0.011 U	0.011 U	0.011 U	0.027 U	3.5
030-S07-032	030-S07-032	10/1/1998	0 - 5.5	ND	12 U	0.6 U	12 U	12 U	0.012 U	0.012 U	0.012 U	0.012 U	0.03 U	2.2
030-S07-033	030-S07-033	10/1/1998	0 - 6	1,723	53 U	53 J	53 U	**1670 J**	0.053 U	0.053 U	0.053 U	0.053 U	0.13 U	4.8
030-S07-034	030-S07-034	10/1/1998	0 - 5.5	491	53 U	0.54 U	430 J	61 J	0.011 U	0.011 U	0.011 U	0.011 U	0.027 U	22.6
030-S07-035	030-S07-035	10/3/1998	0 - 5.5	130	12 U	0.61 U	130 J	12 U	0.012 U	0.012 U	0.012 U	0.012 U	0.03 U	2.4
030-S07-036	030-S07-036	10/5/1998	0 - 5	3,800	570 U	**1600 J**	570 U	**2200 J**	0.11 U	0.11 U	0.11 U	0.11 U	0.29 U	3.3
030-S07-037	030-S07-037	10/6/1998	0 - 5.5	ND	12 U	0.62 U	12 U	12 U	0.012 U	0.012 U	0.012 U	0.012 U	0.031 U	2.2
030-S07-038	030-S07-038	10/7/1998	0 - 5	ND	12 U	0.58 U	12 U	12 U	0.012 U	0.012 U	0.012 U	0.012 U	0.029 U	10.7
030-S07-040	030-S07-040	10/7/1998	0 - 5	ND	12 U	0.58 U	12 U	12 U	0.012 U	0.012 U	0.012 U	0.012 U	0.029 U	2.7
030-S07-047	030-S07-047	10/9/1998	0 - 3.5	ND	12 U	0.61 U	12 U	12 U	0.012 U	0.012 U	0.012 U	0.012 U	0.031 U	1.9 UJ
030-S07-049	030-S07-049	10/10/1998	0 - 4.5	22	24 J	0.52 U	22 J	10 U	0.01 U	0.01 U	0.01 U	0.002 J	0.026 U	3.3
030-S07-051	030-S07-051	10/10/1998	0 - 6	100	12 U	0.58 U	84 J	16 J	0.012 U	0.012 U	0.012 U	0.012 U	0.029 U	10.6
030-S07-052	030-S07-052	10/10/1998	0 - 3	1,960	57 U	220 J	57 U	**1740 J**	11 U	11 U	11 U	11 U	28 U	44.5
030-S07-053	030-S07-053	10/11/1998	0 - 4	ND	11 U	0.54 U	11 U	11 U	0.011 U	0.011 U	0.011 U	0.011 U	0.027 U	2.3
030-S07-056	030-S07-056	10/21/1998	0 - 5	1	12 U	1 J	12 U	12 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	24.5
030-S07-057	030-S07-057	10/21/1998	0 - 6.5	ND	12 U	0.61 U	12 U	12 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	9.6
135-SN-001	135S-001M	12/21/1994	6 - 7	ND	0.05 U	0.05 U	NA	NA	0.01 U	0.01 U	0.01 U	0.02 U	NA	25 U
135-SN-002	135S-002M	6/5/1995	6.5 - 7	102	2	0.6 U	100	NA	0.006 U	0.006 U	0.006 U	0.006 U	NA	14.3
135-SS-001	135M-001M	2/14/1995	8 - 9	ND	50 U	50 U	NA	NA	0.01 U	0.01 U	0.01 U	0.03 U	NA	25 U
137-001-001	137-0001M	6/26/1995	2 - 2.5	ND	1 U	0.52 U	26 U	NA	NA	NA	NA	NA	NA	NA
137-001-001	137-0006M	6/26/1995	4.5 - 5	ND	1.1 U	0.53 U	27 U	NA	NA	NA	NA	NA	NA	NA
137-001-002	137-0002M	6/26/1995	0.5 - 1	ND	1.1 U	0.54 U	27 U	NA	NA	NA	NA	NA	NA	NA

TABLE H-5-1: SOIL ANALYTICAL DATA - SITE 11

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

				Concentration (mg/kg)										
Point Name	Sample Identification	Sampling Date	Sampling Depth (feet bgs)	TTPH	TPH-d	TPH-g	TPH-mo	Jet Fuel	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	Lead
137-001-003	137-0003	6/26/1995	0.5 - 1	120	14 U	0.7 U	120 ZJ	NA	NA	NA	NA	NA	NA	NA
137-001-003	137-0003M	6/26/1995	0.5 - 1	208	18	0.69 U	190	NA	NA	NA	NA	NA	NA	NA
137-001-003	137-0007	6/26/1995	4 - 4.5	11	11 YJ	0.5 U	21 U	NA	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA
137-001-003	137-0007M	6/26/1995	4 - 4.5	ND	1 U	0.52 U	26 U	NA	0.0052 U	0.0052 U	0.0052 U	0.0052 U	NA	NA
137-001-004	137-0004M	6/26/1995	3.5 - 4	ND	1.1 U	0.53 U	26 U	NA	NA	NA	NA	NA	NA	NA
137-001-004	137-0008M	6/26/1995	6.5 - 7	38	1.5	0.58 U	36	NA	0.0058 U	0.0058 U	0.0058 U	0.0058 U	NA	NA
137-001-005	137-0005M	6/26/1995	3.5 - 4	331	40	1	290	NA	NA	NA	NA	NA	NA	NA
137-IW-002	137I-002	12/14/1994	8 - 9	ND	14 U	0.69 U	28 U	NA	0.014 U	0.014 U	0.014 U	0.014 U	NA	6.7
137-IW-002	137I-002M	12/14/1994	8 - 9	NA	NA	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.03 U	NA	25 U
137-SN-001	137S-001M	2/15/1995	6 - 7	ND	50 U	50 U	NA	NA	0.01 U	0.01 U	0.01 U	0.03 U	NA	25 U
137-SN-002	137S-002M	1/23/1995	3.5 - 4.5	ND	50 U	50 U	NA	NA	0.01 U	0.01 U	0.01 U	0.03 U	NA	25 U
137-SN-003	137S-003M	2/15/1995	6 - 7	ND	50 U	50 U	NA	NA	0.01 U	0.01 U	0.01 U	0.03 U	NA	25 U
137-SN-004	137S-004M	12/21/1994	7.5 - 8	ND	50 U	50 U	NA	NA	0.01 U	0.01 U	0.01 U	0.03 U	NA	25 U
138-001-001	138-0001	6/16/1995	1 - 2	ND	10 U	0.5 U	21 U	NA	NA	NA	NA	NA	NA	1.7
138-001-001	138-0001M	6/16/1995	1 - 2	87	1 U	0.5 U	87	NA	NA	NA	NA	NA	NA	2
138-001-001	138-0015M	6/16/1995	4 - 5	ND	1 U	0.6 U	30 U	NA	0.006 U	0.006 U	0.006 U	0.006 U	NA	1.8
138-001-001	138-0015	6/16/1995	4 - 5	ND	12 U	0.6 U	24 U	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	2
138-001-002	138-0002M	6/16/1995	0.5 - 1	47	2	NA	45	NA	NA	NA	NA	NA	NA	2.9
138-001-002	138-0016M	6/16/1995	4 - 4.5	320	1 U	0.6 U	320	NA	0.006 U	0.006 U	0.006 U	0.006 U	NA	1.8
138-SS-001	138M-001M	6/21/1995	3.2 - 4	ND	1 U	0.6 U	32 U	NA	0.006 U	0.006 U	0.006 U	0.006 U	NA	9.4
138-Z17-009	138-0009M	6/16/1995	1.5 - 2	65	5	NA	60	NA	NA	NA	NA	NA	NA	9.4
138-Z17-013	138-0013M	6/15/1995	1.5 - 2	854	24	NA	830	NA	NA	NA	NA	NA	NA	103
140-SN-001	140S-001M	1/24/1995	6 - 7	ND	50 U	50 U	NA	NA	NA	NA	NA	NA	NA	25 U
14-4E	14-4E	11/22/1994	4 -	1,250	510	1 U	740	50 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA
14-4N	14-4N	11/22/1994	4 -	400	170	1 U	230	10 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA
14-4SE	14-4SE	3/8/1995	4 -	620	110	1 U	510	20 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA
14-4SW	14-4SW	3/8/1995	4 -	1	1.3	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA
14-4W	14-4W	11/22/1994	4 -	35	15	1 U	20	1 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA
14-5E	14-5E	12/8/1994	4 -	241	28	1 U	210	3.2	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA
14-5N	14-5N	12/8/1994	4 -	4	3.2	1 U	10 U	1.2	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA
14-5SE	14-5SE	6/20/1995	4 -	38	7.2	1 U	29	1 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA
14-5SW	14-5SW	6/20/1995	4 -	40	7.2	1 U	33	1 U	0.005 U	0.0062	0.005 U	0.0068	NA	NA
14-5W	14-5W	12/8/1994	4 -	100	27	1 U	65	7.9	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA
37-10-MOJ	37-P10	8/18/1997	6 -	5	5	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
37-19-MOJ	37-P19	8/18/1997	6 -	5	5	0.2 U	NA	10	0.001 U	0.001 U	0.001 U	0.002 U	0.005 U	NA
37-1-MOJ	37-P1	8/21/1997	5.5 -	ND	1 U	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
37-20-MOJ	37-P20	8/19/1997	6 -	ND	1 U	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
37-21E	37-21E	6/29/1995	7 -	375	35	1 U	340	20 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA
37-21-MOJ	37-P21	8/19/1997	6 -	ND	1 U	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
37-21SE	37-21SE	6/29/1995	7 -	4,350	850	1 U	3500	200 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA
37-21SW	37-21SW	6/29/1995	7 -	914	74	1 U	840	20 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA
37-21W	37-21W	6/29/1995	7 -	870	50 U	1 U	740	130	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA
37-22E	37-22E	6/29/1995	7 -	4,861	130	11	420	4300	0.025 U	0.025 U	0.025 U	0.025 U	NA	NA
37-22-MOJ	37-P22	8/19/1997	6 -	ND	1 U	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
37-22NE	37-22-NE	6/29/1995	7 -	87	14	1 U	69	3.5	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA
37-22NW	37-22NW	6/29/1995	7 -	2	1.9	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA
37-22W	37-22W	6/29/1995	7 -	276	16	NA	260	10 U	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA
37-23E	37-23E	7/13/1995	6 -	47	10	1.2	30	5.7	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA

TABLE H-5-1: SOIL ANALYTICAL DATA - SITE 11

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

				Concentration (mg/kg)										
Point Name	Sample Identification	Sampling Date	Sampling Depth (feet bgs)	TTPH	TPH-d	TPH-g	TPH-mo	Jet Fuel	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	Lead
37-23-MOJ	37-P23	8/27/1997	6 -	ND	1 U	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
37-23N	37-23N	7/13/1995	6 -	95	13	1 U	80	2.4	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA
37-23SE	37-23SE	7/13/1995	6 -	15	7.7	1.8	10 U	5	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA
37-23SW	37-23SW	7/13/1995	6 -	163	53	13	59	38	0.025 U	0.025 U	0.025 U	0.025 U	NA	NA
37-24E	37-24E	7/13/1995	6 -	227	86	17	60	64	0.025 U	0.025 U	0.025 U	0.025 U	NA	NA
37-24-MOJ	37-P24	8/19/1997	6 -	ND	1 U	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
37-24N	37-24N	7/13/1995	6 -	178	76	43	50 U	59	0.05 U	0.05 U	0.05 U	0.05 U	NA	NA
37-24NE	37-24NE	7/13/1995	6 -	370	140	56	64	110	0.074	0.089	0.05 U	0.073	NA	NA
37-25-MOJ	37-P25	8/19/1997	6 -	ND	1 U	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
37-26-MOJ	37-P26	8/22/1997	6 -	3,190	10 U	590	100 U	2600	0.025 U	0.026	0.12	0.18	0.25 U	NA
37-27-MOJ	37-P27	8/21/1997	6.5 -	3	3	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
37-2-MOJ	37-P2	8/21/1997	6 -	ND	1 U	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
37-39-MOJ	37-P39	8/29/1997	5.5 -	ND	5 U	0.2 U	NA	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.05 U	NA
37-3-MOJ	37-P3	8/21/1997	6 -	ND	1 U	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
37-40-MOJ	37-P40	9/4/1997	5.5 -	ND	1 U	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
37-41-MOJ	37-P41	9/4/1997	5.5 -	ND	0.05 U	0.05 U	0.25 U	0.05 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.005 U	NA
37-4-MOJ	37-P4	8/21/1997	5.5 -	ND	1 U	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
37-5-MOJ	37-P5	8/22/1997	6 -	ND	1 U	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
37-6-MOJ	37-P6	8/19/1997	5.5 -	ND	1 U	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
37-76-MOJ	37-P76	10/2/1997	5.5 -	ND	1 U	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
37-77-MOJ	37-P77	10/3/1997	5.5 -	ND	1 U	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
37-78-MOJ	37-P78	10/3/1997	6 -	ND	1 U	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
37-7-MOJ	37-P7	8/21/1997	6.5 -	ND	1 U	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
37-83-MOJ	37-P83	10/3/1997	5 -	ND	1 U	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
37-84-MOJ	37-P84	10/3/1997	5 -	ND	1 U	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
37-8-MOJ	37-P8	8/18/1997	6 -	ND	1 U	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
37-9-MOJ	37-P9	8/18/1997	6 -	ND	1 U	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
37-MJ-MW3	37-MJ-MW-3	10/29/1997	5.5 -	ND	5 U	0.2 U	NA	10 U	0.001 U	0.001 U	0.001 U	0.002 U	0.005 U	NA
37-MJ-MW-4	37-MJ-MW-4	10/29/1997	5.5 -	ND	5 U	0.2 U	NA	10 U	0.001 U	0.001 U	0.001 U	0.002 U	0.005 U	NA
37-MJ-MW-5	37-MJ-MW-5	10/29/1997	5.5 -	ND	5 U	0.2 U	NA	10 U	0.001 U	0.001 U	0.001 U	0.002 U	0.005 U	NA
37-MJ-MW7	37-MJ-MW-7	11/3/1997	5.5 -	ND	5 U	0.2 U	NA	10 U	0.001 U	0.001 U	0.001 U	0.002 U	0.005 U	NA
B11-05	B11-05-000	6/26/1991	0.5 - 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	46.6
B11-05	B11-05-004	6/26/1991	3.5 - 5	NA	NA	NA	NA	NA	0.0053 U	0.0053 U	0.0053 U	0.0053 U	NA	1.79 J
B11-05	B11-05-004-DUP	6/26/1991	3.5 - 5	NA	NA	NA	NA	NA	0.0052 U	0.0052 U	0.0052 U	0.0052 U	NA	3.17 J
B11-05	B11-05-005	6/26/1991	5 - 6	NA	NA	NA	NA	NA	0.0058 U	0.0058 U	0.0058 U	0.0058 U	NA	2.21 J
B11-05	B11-05-014	6/26/1991	14 - 15	NA	NA	NA	NA	NA	0.0058 U	0.0058 U	0.0058 U	0.0058 U	NA	2.89 J
B11-06	B11-06-000	6/25/1991	0.5 - 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	90.9
B11-06	B11-06-004	6/25/1991	3.5 - 4.8	NA	NA	NA	NA	NA	0.0054 U	0.0054 U	0.0054 U	0.0054 U	NA	1.55 J
B11-06	B11-06-008	6/25/1991	8 - 9.5	NA	NA	NA	NA	NA	0.0075 U	0.0075 U	0.0075 U	0.0075 U	NA	7.89 J
B11-06	B11-06-008-DUP	6/25/1991	8 - 9.5	NA	NA	NA	NA	NA	0.0067 U	0.0067 U	0.0067 U	0.0067 U	NA	4.81 J
B11-06	B11-06-014	6/25/1991	14 - 15.3	NA	NA	NA	NA	NA	0.0059 U	0.0059 U	0.0059 U	0.0059 U	NA	3.56 J
B11-07	B11-07-000	6/24/1991	0 - 0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.03 J
B11-07	B11-07-001	6/24/1991	1 - 1.8	NA	NA	NA	NA	NA	0.0055 U	0.0055 U	0.0055 U	0.0055 U	NA	8.04 J
B11-07	B11-07-008	6/24/1991	7.5 - 9	NA	NA	NA	NA	NA	0.0062 U	0.0062 U	0.0062 U	0.0062 U	NA	6.57 J
B11-07	B11-07-014	6/24/1991	13.5 - 14.5	NA	NA	NA	NA	NA	0.006 U	0.006 U	0.006 U	0.006 U	NA	4.18 J
B11-08	280-S7B11-001	8/16/1994	0.5 - 1.5	ND	11 U	0.56 U	22 U	11 U	NA	NA	NA	NA	NA	7.4
B11-08	280-S7B11-002	8/16/1994	2.5 - 3.5	30	10 U	0.53 U	30 J	10 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	2.3 UJ
B11-08	280-S7B11-003	8/16/1994	5 - 6	ND	12 U	0.58 U	23 U	12 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	7.5

TABLE H-5-1: SOIL ANALYTICAL DATA - SITE 11

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

				Concentration (mg/kg)										
Point Name	Sample Identification	Sampling Date	Sampling Depth (feet bgs)	TTPH	TPH-d	TPH-g	TPH-mo	Jet Fuel	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	Lead
B11-09	280-S7B11-004	8/16/1994	0.5 - 1.5	180	11 U	0.56 U	180 J	11 U	NA	NA	NA	NA	NA	21.7
B11-09	280-S7B11-005	8/16/1994	2.5 - 3.5	150	11 U	0.54 U	150 J	11 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	64.8
B11-09	280-S7B11-006	8/16/1994	5 - 5.5	ND	12 U	0.6 U	24 U	12 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	2.2 UJ
B11-09	280-S7B11-007	8/16/1994	5.5 - 6	ND	12 U	0.6 U	24 U	12 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	1.9
B11-10	280-S7B11-008	8/12/1994	0 - 1	78	10 U	0.52 U	78 J	10 U	NA	NA	NA	NA	NA	17
B11-10	280-S7B11-009	8/12/1994	2.5 - 3.5	28	10 U	0.53 U	28 J	10 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	5.6
B11-10	280-S7B11-010	8/12/1994	4 - 5	31	11 U	0.53 U	31 J	11 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	5.2
B11-11	280-S7B11-011	8/16/1994	0.5 - 1.5	ND	54 U	0.54 U	1010 U	54 U	NA	NA	NA	NA	NA	15.4
B11-11	280-S7B11-012	8/16/1994	2.5 - 3.5	170	11 U	0.54 U	170 J	11 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	6.4
B11-11	280-S7B11-013	8/16/1994	5 - 6	ND	12 U	0.59 U	24 U	12 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	2
B11-12	280-S7B11-014	8/16/1994	0.5 - 1.5	3,260	54 U	0.54 U	**3260 J**	54 U	NA	NA	NA	NA	NA	74.2
B11-12	280-S7B11-015	8/16/1994	2.5 - 3.5	ND	10 U	0.52 U	21 U	10 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	1.8
B11-12	280-S7B11-017	8/16/1994	5 - 6	ND	11 U	0.54 U	22 U	11 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	1.8
B11-13	280-S7B11-018	8/16/1994	0.5 - 1.5	ND	11 U	0.53 U	21 U	11 U	NA	NA	NA	NA	NA	0.34 UJ
B11-13	280-S7B11-019	8/16/1994	2.5 - 3.5	ND	11 U	0.54 U	22 U	11 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	1.9
B11-13	280-S7B11-020	8/16/1994	5 - 6	ND	11 U	0.57 U	23 U	11 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	13.1
B11-14	280-S7B11-021	8/16/1994	0.5 - 1.5	25	10 U	0.52 U	25 J	10 U	NA	NA	NA	NA	NA	8.1
B11-14	280-S7B11-022	8/16/1994	2.5 - 3.5	ND	10 U	0.52 U	21 U	10 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	1.6
B11-14	280-S7B11-023	8/16/1994	5 - 6	ND	12 U	0.59 U	24 U	12 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	1.7
CA11-14	030-CAP-141	4/28/2000	3 - 4	ND	10 U	0.5 U	250 U	10 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	11 U
CA11-14	030-CAP-142	4/28/2000	6 - 7	15	15	0.5 U	250 U	10 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	12 U
CA11-15	030-CAP-143	4/28/2000	3 - 4	ND	10 U	0.5 U	250 U	10 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	10 U
CA11-15	030-CAP-144	4/28/2000	7 - 8	ND	10 U	0.5 U	250 U	10 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	33
CA11-16	030-CAP-145	5/2/2000	2 - 3	ND	10 U	0.5 U	250 U	10 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	10 U
CA11-16	030-CAP-368	5/2/2000	3 - 4	ND	10 U	0.5 U	250 U	10 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	12 U
CA11-16	030-CAP-146	5/2/2000	6 - 7	ND	10 U	0.5 U	250 U	10 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	12 U
CA11-17	030-CAP-149	5/2/2000	3 - 4	ND	10 U	0.5 U	250 U	10 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	19
CA11-17	030-CAP-150	5/2/2000	6 - 7	ND	10 U	0.5 U	250 U	10 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	12 U
M11-01	B11-01-000	6/26/1991	1 - 1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	79.1
M11-01	B11-01-002	6/26/1991	2 - 3.3	NA	NA	NA	NA	NA	0.0053 U	0.0053 U	0.0053 U	0.0053 U	NA	1.75 J
M11-01	B11-01-005	6/26/1991	5 - 6.5	NA	NA	NA	NA	NA	0.0053 U	0.0053 U	0.0053 U	0.0053 U	NA	9.81 J
M11-01	B11-01-014	6/26/1991	14 - 14.8	NA	NA	NA	NA	NA	0.006 U	0.006 U	0.006 U	0.006 U	NA	3.66 J
M11-02	B11-02-000	6/26/1991	1 - 1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.77 J
M11-02	B11-02-005	6/26/1991	5 - 6.3	NA	NA	NA	NA	NA	0.006 U	0.006 U	0.006 U	0.006 U	NA	36.5 J
M11-02	B11-02-010	6/26/1991	9.5 - 11	NA	NA	NA	NA	NA	0.0088 U	0.0088 U	0.0088 U	0.0088 U	NA	55.2
M11-02	B11-02-014	6/26/1991	14 - 15	NA	NA	NA	NA	NA	0.031 U	0.031 U	0.031 U	0.031 U	NA	3.5
M11-03	B11-03-000	6/25/1991	0.3 - 0.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**242**
M11-03	B11-03-004	6/25/1991	3.5 - 5	NA	NA	NA	NA	NA	0.0052 U	0.0052 U	0.0052 U	0.0052 U	NA	1.43 J
M11-03	B11-03-008	6/25/1991	8 - 9.3	NA	NA	NA	NA	NA	0.006 U	0.006 U	0.006 U	0.006 U	NA	5.32 J
M11-03	B11-03-014	6/25/1991	14 - 15	NA	NA	NA	NA	NA	0.0058 U	0.0058 U	0.0058 U	0.0058 U	NA	3.14 J
M11-04	B11-04-000	6/25/1991	0.3 - 0.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	109
M11-04	B11-04-000-DUP	6/25/1991	0.3 - 0.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	115
M11-04	B11-04-004	6/25/1991	3.5 - 5	NA	NA	NA	NA	NA	0.0053 U	0.0053 U	0.0053 U	0.0053 U	NA	0.775 J
M11-04	B11-04-010	6/25/1991	9.5 - 11	NA	NA	NA	NA	NA	0.0065 U	0.0065 U	0.0065 U	0.0065 U	NA	77.4
M11-04	B11-04-014	6/25/1991	14 - 15	NA	NA	NA	NA	NA	0.0059 U	0.0059 U	0.0059 U	0.0059 U	NA	5.22 J
M11-05	280-S7B11-031	8/16/1994	0.5 - 1.5	ND	10 U	0.52 U	21 U	10 U	NA	NA	NA	NA	NA	4.1
M11-05	280-S7B11-032	8/16/1994	2.5 - 3.5	ND	10 U	0.53 U	21 U	10 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	2.2 UJ
M11-05	280-S7B11-033	8/16/1994	5 - 6	ND	12 U	0.6 U	24 U	12 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	2.1 UJ

TABLE H-5-1: SOIL ANALYTICAL DATA - SITE 11

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

				Concentration (mg/kg)										
Point Name	Sample Identification	Sampling Date	Sampling Depth (feet bgs)	TTPH	TPH-d	TPH-g	TPH-mo	Jet Fuel	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	Lead
S11-DGS-DP01	385-S11-004	8/1/2001	4.5 - 5	18	18	0.1 U	10 U	NA	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U	NA

Notes:

A bolded concentration indicates a detection exceeding screening criteria.

bgs	Below ground surface
J	Indicates an estimated concentration value
mg/kg	Milligrams per kilogram
MTBE	Methyl tertiary butyl ether
NA	Not analyzed
ND	Not detected
TPH	Total petroleum hydrocarbon
TPH-d	Total petroleum hydrocarbons as diesel
TPH-g	Total petroleum hydrocarbons as gasoline
TPH-mo	Total petroleum hydrocarbons as motor oil
TTPH	Total total petroleum hydrocarbons (sum of all TPH fractions)
U	Indicates compound was analyzed for but not detected above the concentration listed
UJ	Indicates compound was analyzed for but not detected above the estimated concentration listed

TABLE H-6-1: SOIL ANALYTICAL DATA - SITE 21

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

				Concentration (mg/kg)										
Point Name	Sample Identification	Sampling Date	Sampling Depth (feet bgs)	TTPH	TPH-d	TPH-g	TPH-mo	Jet Fuel	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	Lead
030-S07-001	030-S07-001	9/16/1998	0 - 4.5	55	12 U	0.59 U	55 J	12 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	18.6 J
030-S07-002	030-S07-002	9/16/1998	0 - 4.5	29	11 U	0.55 U	29 J	11 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	94.1 J
030-S07-003	030-S07-003	9/16/1998	0 - 4.5	49	11 U	0.57 U	49 J	11 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	25.3 J
030-S07-004	030-S07-004	9/17/1998	0 - 4.5	7,180	260 U	280 J	**6,900 J**	260 U	0.01 U	0.01 U	0.01 U	0.002 J	NA	29.2 J
030-S07-005	030-S07-005	9/17/1998	0 - 4.5	103.2	11 U	1.2 J	20 J	82 J	0.011 U	0.011 U	0.011 U	0.011 U	NA	7.4 J
030-S07-045	030-S07-045	10/8/1998	0 - 6	53	12 U	0.62 U	53 J	12 U	0.012 U	0.012 U	0.012 U	0.012 U	0.031 U	7.4 UJ
030-S07-059	030-S07-059	10/24/1998	0 - 4.5	9	12 U	0.59 U	9 J	12 U	0.012 U	0.012 U	0.012 U	0.012 U	0.029 U	6.3 J
030-S07-060	030-S07-060	10/24/1998	0 - 5.5	ND	12 U	0.6 U	12 U	12 U	0.012 U	0.012 U	0.012 U	0.012 U	0.03 U	11 J
030-S07-061	030-S07-061	10/24/1998	0 - 5.5	ND	12 U	0.6 U	12 U	12 U	0.012 U	0.012 U	0.012 U	0.012 U	0.03 U	4.9 J
030-S07-062	030-S07-062	10/24/1998	0 - 6	61	11 U	0.56 U	61 J	11 U	0.011 U	0.011 U	0.011 U	0.011 U	0.028 U	6.9 J
030-S07-063	030-S07-063	10/24/1998	0 - 5.5	210	11 U	0.54 U	210 J	11 U	0.011 U	0.011 U	0.011 U	0.011 U	0.027 U	37.5 J
030-S07-064	030-S07-064	10/24/1998	0 - 5.5	ND	11 U	0.57 U	11 U	11 U	0.011 U	0.011 U	0.011 U	0.011 U	0.028 U	10.7 J
030-S07-065	030-S07-065	10/24/1998	0 - 5.5	269	14 U	39 J	230 J	14 U	0.014 U	0.014 U	0.014 U	0.014 U	0.035 U	12.3 J
030-S07-072	030-S07-072	11/10/1998	0 - 7	1,300	12 U	**1,300**	12 U	12 U	0.12 U	0.043 J	0.12 UJ	0.12 UJ	NA	38.8
03GB040	03GPS040-1.25	9/12/1994	.8 - 1.3	29	11 U	0.53 U	29 J	11 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	NA
03GB040	03GPS040-3.0	9/12/1994	2.5 - 3	ND	10 U	0.53 U	21 U	10 U	0.011 U	0.011 U	0.011 U	0.011 U	NA	NA
03GB040	03GPS040-5.5	9/12/1994	5 - 5.5	ND	12 U	0.6 U	24 U	12 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	NA
125-001-001	125-0001	6/12/1995	.5 - 1	81	10 U	0.5 U	81 YJ	NA	NA	NA	NA	NA	NA	NA
125-001-001	125-0001M	6/12/1995	.5 - 1	10	10	0.5 U	26 U	NA	NA	NA	NA	NA	NA	NA
125-001-001	125-0004	6/12/1995	4 - 5	49	12 U	0.6 U	49 ZJ	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	NA
125-001-001	125-0004M	6/12/1995	4 - 5	ND	1 U	0.6 U	30 U	NA	0.006 U	0.006 U	0.006 U	0.006 U	NA	NA
125-001-002	125-0002M	6/12/1995	.5 - 1	650	300	0.5 U	350	NA	NA	NA	NA	NA	NA	NA
125-001-002	125-0005M	6/12/1995	4 - 4.5	ND	1 U	0.5 U	27 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	NA	NA
125-001-003	125-0007M	6/12/1995	0.5 - 1	2,106	44	**2,000**	62	NA	NA	NA	NA	NA	NA	NA
125-001-003	125-0003M	6/12/1995	.5 - 1	1,701	1	**1,700**	26 U	NA	NA	NA	NA	NA	NA	NA
125-001-003	125-0006M	6/12/1995	4 - 4.5	13	1 U	13	26 U	NA	0.026 U	0.026 U	0.026 U	0.026 U	NA	NA
125-SS-001	125M-001M	6/1/1995	9 - 10	590	12 U	0.6 U	590	NA	0.006 U	0.006 U	0.006 U	0.006 U	NA	2.9
126-001-001	126-0008M	6/2/1995	0 - 0.5	**19,300**	1,300	0.5 U	**18,000**	NA	NA	NA	NA	NA	NA	NA
126-001-001	126-0001M	6/2/1995	0 - 0.5	**28,900**	**1,900**	0.5 U	**27,000**	NA	NA	NA	NA	NA	NA	NA
126-001-001	126-0006M	6/5/1995	3.5 - 4	30	1 U	0.6 U	30	NA	0.006 U	0.006 U	0.006 U	0.006 U	NA	NA
126-001-002	126-0002	6/2/1995	.5 - 1	26	11 U	0.5 U	26 YJ	NA	NA	NA	NA	NA	NA	NA
126-001-002	126-0002M	6/2/1995	0 - 0.5	ND	1 U	0.6 U	29 U	NA	NA	NA	NA	NA	NA	NA
126-001-002	126-0007	6/2/1995	4 - 4.5	31	11 U	0.6 YJ	30 YJ	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	NA
126-001-002	126-0007M	6/2/1995	4 - 4.5	ND	1 U	0.6 U	28 U	NA	0.006 U	0.006 U	0.006 U	0.006 U	NA	NA
126-002-003	126-0003M	6/5/1995	.5 - 1	1,300	11 U	0.5 U	1,300	NA	NA	NA	NA	NA	NA	**450**
126-002-004	126-0004M	6/2/1995	0 - 0.5	560	11 U	0.5 U	560	NA	NA	NA	NA	NA	NA	3.1
126-002-005	126-0005	6/2/1995	.5 - 1	35	11 U	0.5 U	35 YJ	NA	NA	NA	NA	NA	NA	1.6 J
126-002-005	126-0005M	6/2/1995	0 - 0.5	ND	1 U	0.6 U	28 U	NA	NA	NA	NA	NA	NA	2.5
126-003-006	126-0009	10/31/1995	0 - 1	ND	27 U	0.56 U	27 U	NA	NA	NA	NA	NA	NA	21.3
126-003-006	126-0010	10/31/1995	3 - 4	ND	29 U	0.59 U	29 U	NA	NA	NA	NA	NA	NA	14.4
126-003-007	126-0012	11/6/1995	7.5 - 8.5	ND	28 U	0.57 U	28 U	NA	NA	NA	NA	NA	NA	4.6
126-003-008	126-0015	10/31/1995	.5 - 1.5	ND	26 U	0.53 U	26 U	NA	NA	NA	NA	NA	NA	6.7
126-003-008	126-0016	10/31/1995	3 - 4	ND	28 U	0.57 U	28 U	NA	NA	NA	NA	NA	NA	14
126-003-009	126-0018	10/31/1995	.5 - 1.5	ND	26 U	0.52 U	26 U	NA	NA	NA	NA	NA	NA	3.4
126-003-009	126-0019	10/31/1995	3 - 4	ND	28 U	0.58 U	28 U	NA	NA	NA	NA	NA	NA	2
127-001-001	127-0001M	6/12/1995	2 - 2.5	ND	1 U	0.5 U	27 U	NA	NA	NA	NA	NA	NA	NA
127-001-002	127-0002M	6/22/1995	.5 - 1	ND	1 U	0.6 U	29 U	NA	NA	NA	NA	NA	NA	NA
127-001-002	127-0011M	6/22/1995	2.5 - 3	ND	1 U	0.6 U	28 U	NA	0.006 U	0.006 U	0.006 U	0.006 U	NA	NA
127-001-003	127-0017M	6/22/1995	3 - 3.5	5.7	5.7	0.58 U	12 U	NA	0.0058 U	0.0058 U	0.0058 U	0.0058 U	NA	NA
127-001-003	127-0003M	6/22/1995	.5 - 1	ND	1 U	0.5 U	27 U	NA	NA	NA	NA	NA	NA	NA

TABLE H-6-1: SOIL ANALYTICAL DATA - SITE 21

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

				Concentration (mg/kg)										
Point Name	Sample Identification	Sampling Date	Sampling Depth (feet bgs)	TTPH	TPH-d	TPH-g	TPH-mo	Jet Fuel	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	Lead
127-001-003	127-0012M	6/22/1995	3 - 3.5	130	40	0.56 U	90	NA	0.0056 U	0.0056 U	0.0056 U	0.0056 U	NA	NA
127-002-005	127-0005	6/7/1995	1.5 - 2	ND	11 U	0.6 U	23 U	NA	NA	NA	NA	NA	NA	24
127-002-005	127-0005M	6/7/1995	1.5 - 2	ND	1 U	0.6 U	29 U	NA	NA	NA	NA	NA	NA	17.9
127-002-005	127-0014	6/8/1995	3 - 3.5	ND	11 U	0.6 U	23 U	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	21.5
127-002-005	127-0014M	6/8/1995	3 - 3.5	21	21	0.6 U	28 U	NA	0.006 U	0.006 U	0.006 U	0.006 U	NA	14.7
127-002-006	127-0006M	6/7/1995	2 - 2.5	ND	1 U	0.6 U	29 U	NA	NA	NA	NA	NA	NA	20.2
127-003-007	127-0007M	6/6/1995	.5 - 1	ND	1 U	0.5 U	26 U	NA	NA	NA	NA	NA	NA	3.1
127-003-008	127-0016M	6/6/1995	0.5 - 1	ND	1 U	0.6 U	28 U	NA	NA	NA	NA	NA	NA	3.1
127-003-008	127-0008M	6/6/1995	.5 - 1	ND	1 U	0.5 U	27 U	NA	NA	NA	NA	NA	NA	3.3
127-003-009	127-0009	6/6/1995	.5 - 1	140	10 U	0.5 U	140 YJ	NA	NA	NA	NA	NA	NA	10.6
127-003-009	127-0009M	6/6/1995	.5 - 1	110	13	0.5 U	97	NA	NA	NA	NA	NA	NA	5
127-SN-001	127S-011M	2/13/1995	3 - 3.5	ND	50 U	50 U	NA	NA	0.01 U	0.01 U	0.01 U	0.03 U	NA	25 U
127-SN-001	127S-001M	2/13/1995	3 - 3.5	ND	50 U	50 U	NA	NA	0.01 U	0.01 U	0.01 U	0.03 U	NA	25 U
127-SN-002	127S-002M	1/18/1995	6 - 6.5	ND	50 U	50 U	NA	NA	0.01 U	0.01 U	0.01 U	0.03 U	NA	25 U
127-SN-003	127S-003M	1/18/1995	5 - 5.5	ND	50 U	50 U	NA	NA	0.01 U	0.01 U	0.01 U	0.03 U	NA	25 U
127-SS-002	127M-012M	6/2/1995	3 - 4.5	ND	1 U	0.6 U	28 U	NA	0.006 U	0.006 U	0.006 U	0.006 U	NA	2
127-SS-002	127M-002M	6/2/1995	3 - 4.5	ND	1 U	0.5 U	26 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	NA	2.1
135-001-001	135-0001M	6/28/1995	.5 - 1	ND	1.1 U	0.53 U	27 U	NA	NA	NA	NA	NA	NA	17
135-001-001	135-0006M	6/28/1995	2.5 - 3	49	1.1 U	0.53 U	49	NA	0.0053 U	0.0053 U	0.0053 U	0.0053 U	NA	7.8
135-001-002	135-0002M	6/28/1995	1 - 1.5	ND	1.1 U	0.53 U	27 U	NA	NA	NA	NA	NA	NA	19
135-001-002	135-0007M	6/28/1995	3 - 3	83.7	6.7	0.53 U	77	NA	0.0053 U	0.0053 U	0.0053 U	0.0053 U	NA	8.4
135-001-003	135-0003	6/29/1995	1 - 1.5	ND	10 U	0.5 U	21 U	NA	NA	NA	NA	NA	NA	30.9
135-001-003	135-0003M	6/29/1995	1 - 1.5	ND	1.1 U	0.53 U	26 U	NA	NA	NA	NA	NA	NA	24
135-001-003	135-0008	6/29/1995	4 - 4.5	22	10 U	0.5 U	22 ZJ	NA	0.01 U	0.01 U	0.01 U	0.01 U	NA	2.3
135-001-003	135-0008M	6/29/1995	4 - 4.5	ND	1 U	0.51 U	26 U	NA	0.0051 U	0.0051 U	0.0051 U	0.0051 U	NA	1.9
135-002-004	135-0004M	6/27/1995	4 - 4.5	6	6	0.5 U	27 U	NA	0.005 U	0.005 U	0.005 U	0.005 U	NA	2.2
135-002-005	135-0005	6/27/1995	4 - 4.5	45	12 U	0.6 U	45 YJ	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	15.7 *J
135-002-005	135-0005M	6/27/1995	4 - 4.5	148	28	0.5 U	120	NA	0.005 U	0.005 U	0.005 U	0.005 U	NA	8.8
136-001-001	136-0001	6/23/1995	.5 - 1	33	10 U	0.5 U	33 YJ	NA	NA	NA	NA	NA	NA	3.2 *J
136-001-001	136-0001M	6/23/1995	.5 - 1	73	2	0.52 U	71	NA	NA	NA	NA	NA	NA	6.7
136-001-001	136-0003	6/23/1995	3.5 - 4	348	10 U	18 ZJ	330 YJ	NA	0.01 U	0.003 J	0.01 U	0.063	NA	2.1 *J
136-001-001	136-0003M	6/23/1995	3.5 - 4	2,664.1	62	2.1	**2,600**	NA	0.014 U	0.011 J	0.021	0.1	NA	3.3
136-002-002	136-0005	6/23/1995	4 - 5	NA	NA	NA	NA	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	1.6 *J
136-002-002	136-0002	6/23/1995	.5 - 1.5	NA	NA	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.01 U	NA	1.4 *J
136-002-002	136-0002M	6/23/1995	.5 - 1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.2
136-002-002	136-0004	6/23/1995	4 - 5	NA	NA	NA	NA	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	1.8 *J
136-002-002	136-0004M	6/23/1995	4 - 5	NA	NA	NA	NA	NA	0.0053 U	0.0053 U	0.0053 U	0.0053 U	NA	2
136-IW-001	136I-001	12/15/1994	4.5 - 5	ND	11 U	0.55 U	22 U	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	7.7
136-IW-001	136I-001M	12/15/1994	4.5 - 5	NA	NA	NA	NA	NA	0.002 U	0.002 U	0.002 U	0.004 U	NA	25 U
137-IW-001	137I-001	12/14/1994	8 - 9	60.0	12 U	0.6 U	60 YJ	NA	0.012 U	0.012 U	0.012 U	0.012 U	NA	6.2
137-IW-001	137I-001M	12/14/1994	8 - 9	NA	NA	NA	NA	NA	0.01 U	0.01 U	0.01 U	0.03 U	NA	25 U
162-P1-PWC	162-P1	1/20/1995	3.5 -	30.9	6.4	1 U	22	2.5	0.005 U	0.005 U	0.005 U	0.005 U	NA	11
162-P2-PWC	162-P2	1/20/1995	3.5 -	150.4	27	1 U	120	3.4	0.005 U	0.005 U	0.005 U	0.005 U	NA	32
162-P3-PWC	162-P3	1/20/1995	3.5 -	500	110	1 U	390	60	0.005 U	0.005 U	0.005 U	0.005 U	NA	31
162-P4-PWC	162-P4	1/20/1995	3.5 -	966.4	150	4.4	780	32	0.005 U	0.005 U	0.005 U	0.021	NA	53
162-P5-PWC	162-P5	1/20/1995	3.5 -	111.4	14	1 U	91	6.4	0.005 U	0.005 U	0.005 U	0.005 U	NA	5 U
398-10-ERM	398-S10	1/11/1995	5 -	490	10 U	490	NA	NA	0.62	0.01	0.13	0.39	NA	NA
398-3-MOJ	398-P3	9/4/1997	6 -	220	5 U	220	NA	10 U	0.12 U	0.12 U	0.7	0.25 U	0.62 U	NA
398-4-MOJ	398-P4	9/5/1997	6 -	ND	5 U	200 U	NA	10 U	0.001 U	0.001 U	0.001 U	0.002 U	0.05 U	NA
398-5-MOJ	398-P5	9/2/1997	6 -	ND	1 U	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA

TABLE H-6-1: SOIL ANALYTICAL DATA - SITE 21

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

				Concentration (mg/kg)										
Point Name	Sample Identification	Sampling Date	Sampling Depth (feet bgs)	TTPH	TPH-d	TPH-g	TPH-mo	Jet Fuel	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	Lead
398-6-MOJ	398-P6	9/3/1997	6 -	ND	1 U	1 U	10 U	25	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
398-7-MOJ	398-P7	9/3/1997	6 -	ND	1 U	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
398-8-ERM	398-S8	1/11/1995	5 -	ND	10 U	10 U	NA	NA	0.03	0.005 U	0.26	0.02	NA	NA
398-8-MOJ	398-P8	9/2/1997	6 -	ND	1 U	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
398-9-MOJ	398-P9	9/2/1997	6 -	ND	1 U	1 U	10 U	1 U	0.005 U	0.005 U	0.005 U	0.005 U	0.05 U	NA
398-E	398-E	4/27/1995	7 -	ND	40 U	0 U	400 U	40 U	NA	NA	NA	NA	NA	NA
398-MW1	398-MW1	1/25/1995	3.5 -	ND	1.3 U	1 U	NA	NA	12 U	12 U	12 U	12 U	NA	NA
398-MW2	398-MW2	1/25/1995	3.5 -	ND	1.2 U	1 U	NA	NA	12 U	12 U	12 U	12 U	NA	NA
398-N	398-N	4/27/1995	7 -	ND	40 U	0 U	400 U	40 U	NA	NA	NA	NA	NA	NA
398-S	398-S	4/27/1995	7 -	ND	40 U	0 U	400 U	40 U	NA	NA	NA	NA	NA	NA
398-W	398-W	4/27/1995	7 -	840	430	0 U	400 U	410	NA	NA	NA	NA	NA	NA
B07B-02	B07B-02-011-DUP	6/24/1991	11 - 12.5	NA	NA	NA	NA	NA	0.0081 U	0.0081 U	0.0081 U	0.0081 U	NA	31.5
B07B-02	B07B-02-000	6/24/1991	.5 - 1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	70.7
B07B-02	B07B-02-004	6/24/1991	3.5 - 5	NA	NA	NA	NA	NA	0.0058 U	0.0058 U	0.0058 U	0.0058 U	NA	7.84 J
B07B-02	B07B-02-011	6/24/1991	11 - 12.5	NA	NA	NA	NA	NA	0.007 U	0.007 U	0.007 U	0.007 U	NA	21.7 J
B07B-02	B07B-02-014	6/24/1991	14 - 14.5	NA	NA	NA	NA	NA	0.006 U	0.006 U	0.006 U	0.006 U	NA	3.46 J
B07B-03	B07B-03-000	6/21/1991	.5 - 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	44.1
B07B-03	B07B-03-002	6/21/1991	2 - 3.5	NA	NA	NA	NA	NA	0.0052 U	0.0052 U	0.0052 U	0.0052 U	NA	5.3 J
B07B-03	B07B-03-011	6/21/1991	11 - 12.5	NA	NA	NA	NA	NA	0.0058 U	0.0058 U	0.0058 U	0.0058 U	NA	12.7 J
B07B-03	B07B-03-016	6/21/1991	15.5 - 16.5	NA	NA	NA	NA	NA	0.006 U	0.006 U	0.006 U	0.006 U	NA	3.71 J
B07B-04	280-S7B11-030	8/16/1994	5.5 - 6	NA	NA	NA	NA	NA	0.011 U	0.011 U	0.011 U	0.011 U	NA	3.4
B07B-04	280-S7B11-027	8/16/1994	.5 - 1.5	22	10 U	0.52 U	22 J	10 U	NA	NA	NA	NA	NA	29.2
B07B-04	280-S7B11-028	8/16/1994	2.5 - 3.5	ND	10 U	0.52 U	21 U	10 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	2.3 UJ
B07B-04	280-S7B11-029	8/16/1994	5 - 5.5	ND	12 U	0.59 U	24 U	12 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	3.6
B07B-05	280-S7B11-024	8/16/1994	.5 - 1.5	170	11 U	0.53 U	170 J	11 U	NA	NA	NA	NA	NA	**416**
B07B-05	280-S7B11-025	8/16/1994	2.5 - 3.5	ND	10 U	0.51 U	20 U	10 U	0.01 U	0.01 U	0.01 U	0.01 U	NA	4.2
B07B-05	280-S7B11-026	8/16/1994	5 - 6	16	12 U	16 J	23 U	12 U	0.012 U	0.012 U	0.012 U	0.012 U	NA	9.3
EP125-01	030-CAP-235	5/4/2000	.5 - 1.5	ND	10 U	0.5 U	250 U	10 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	11 U
EP125-01	030-CAP-236	5/4/2000	3 - 4	ND	10 U	0.5 U	250 U	10 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	11 U
M07B-01	B07B-01-000	6/24/1991	1 - 1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.97 J
M07B-01	B07B-01-004	6/24/1991	3.5 - 5	NA	NA	NA	NA	NA	0.0054 U	0.0054 U	0.0054 U	0.0054 U	NA	2.86 J
M07B-01	B07B-01-008	6/24/1991	8 - 9	NA	NA	NA	NA	NA	0.0079 U	0.0079 U	0.0079 U	0.0096	NA	32.2
M07B-01	B07B-01-014	6/24/1991	14 - 15	NA	NA	NA	NA	NA	0.0061 U	0.0061 U	0.0061 U	0.0061 U	NA	3.96 J
M11-06	280-S7B11-151	8/16/1994	.5 - 1.5	44	10 U	0.52 U	44 J	10 UJ	NA	NA	NA	NA	NA	7.9
M11-06	280-S7B11-152	8/16/1994	2.5 - 3.5	ND	10 U	0.52 U	26 U	10 UJ	0.01 U	0.01 U	0.01 U	0.01 U	NA	2.4 UJ
M11-06	280-S7B11-153	8/16/1994	5 - 6	ND	11 U	0.57 U	26 U	11 UJ	0.011 U	0.011 U	0.011 U	0.011 U	NA	8
S21-DGS-DP08	385-S21-021	8/1/2001	9 - 9.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	42

Notes:

A bolded concentration indicates a detection exceeding screening criteria.

bgs	Below ground surface
J	Indicates an estimated concentration value
mg/kg	*Milligrams per kilogram*
MTBE	Methyl tertiary butyl ether
NA	Not analyzed
ND	Not detected
TPH	Total petroleum hydrocarbon
TPH-d	Total petroleum hydrocarbons as diesel
TPH-g	Total petroleum hydrocarbons as gasoline
TPH-mo	Total petroleum hydrocarbons as motor oil
TTPH	Total total petroleum hydrocarbons (sum of all TPH fractions)
U	Indicates compound was analyzed for but not detected above the concentration listed
UJ	Indicates compound was analyzed for but not detected above the estimated concentration listed
Y	Hydrocarbon mixture did not exhibit a reasonable pattern match with the calibration standard
Z	Did not resemble a typical fuel pattern
*	Duplicate sample analysis not within control limits

TABLE H-7-1: GROUNDWATER ANALYTICAL DATA - SITES 3, 4, 11, AND 21

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

Point Name	Sample Idenfication	Site	CAA	Sampling Date	Approximate Distance from Shoreline (feet)	Approximate Distance to Storm Drain (feet)	Sampling Depth (feet bgs)	Concentration (mg/L)						
								TTPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
030-FLI-507	030-FLI-507	21	NA	9/16/1998	110	6	4.5 - 5	0.27	NA	NA	NA	NA	NA	NA
030-FLI-508	030-FLI-508	11	11B	9/29/1998	>250	23	7.5 - 8	**11.18**	**0.345**	1.19	0.181	0.804	0.025 U	NA
030-FLI-509	030-FLI-509	3	3C	10/30/1998	1200	95	4.5 - 5	2.31	0.0005 U	0.0402	0.0012	0.0023	0.005 U	NA
030-IPC-330	030-IPC-330	21	NA	9/16/1998	82	21	0 - 4.5	**8.71**	**0.0028**	0.0084	0.0015 UJ	0.351	0.003 J	NA
030-IPC-330	030-IPC-331	21	NA	9/16/1998	82	21	0 - 4.5	**2.48**	**0.003**	0.0084	0.0015 UJ	0.353	**0.01**	NA
030-MOD1-145	030-MOD1-145	11	11B	11/24/1998	263	35	0 - 7	**27.37**	0.01 U	0.02 U	0.02 U	0.02 U	NA	**1.59 J**
030-MOD1-45	030-MOD1-45	11	11A	11/20/1998	582	42	9 - 9.5	**56.4**	0.0006	0.0042	0.016	0.052	NA	**0.243**
030-MOD1-67	030-MOD1-67	11	11B	11/20/1998	480	35	0 - 9	**2.05**	0.0025 U	0.0025 U	0.0025 U	0.027	**0.035**	**0.0259**
030-MOD1-89	030-MOD1-89	11	11B	11/16/1998	>250	39	11.5 - 12	**40.47**	**0.0027**	0.0083	0.0075	0.028	NA	**0.664**
030-MOD1-9/10	030-MOD1-10	11	11A	11/20/1998	614	44	9 - 9.5	**47.5**	0.0022 UJ	0.0044 UJ	0.0061 J	0.023 J	NA	**2.35**
030-MOD1-9/10	030-MOD1-9	11	11A	11/20/1998	614	44	9 - 9.5	**91.6**	0.0014 UJ	0.0016 J	0.0055 J	0.021 J	NA	**2.51**
030-S07-013	030-S07-013A	11	11B	9/30/1998	294	30	7.5 - 8	**1.65**	**0.008**	0.045	0.006 J	0.034	0.025 U	NA
030-S07-013	030-S07-013B	11	11B	10/1/1998	294	30	7.5 - 8	NA	NA	NA	NA	NA	NA	**0.6**
030-S07-014	030-S07-014	11	11A	9/30/1998	543	11	8 - 9	**33.09**	0.05 U	0.2 U	0.2 U	0.2 U	0.5 U	**0.437**
030-S07-015	030-S07-015	11	11A	10/6/1998	410	112	5.5 - 6	0.98	0.0005 U	0.001 J	0.002 U	0.001 J	0.005 U	**0.365**
030-S07-016	030-S07-016	4	NA	10/9/1998	>250	107	7.5 - 8.5	**3.2**	0.0005 U	0.002 U	0.002 U	0.002 U	0.025 U	**0.532**
030-S07-018	030-S07-018	11	11A	10/14/1998	696	29	6.5 - 7	0.11	0.002 J	0.002 J	0.002 UJ	0.003 J	0.005 UJ	**0.101**
030-S19-011	030-S19-011	4	NA	11/2/1998	>250	18	0 - 7.5	**138,019**	0.0005 U	0.002 U	0.002 U	0.002 U	NA	**0.176**
03GB002	GPW03-002	3	3B	8/11/1994	789	115	5 - 6	0.45	0.001 U	0.001 U	0.001 U	0.001 U	NA	NA
03GB015	GPW03-150	4	3C	8/16/1994	756	64	5 - 5	0.21	0.001 U	0.001 U	0.001 U	0.001 U	NA	NA
03GB017	GPW03-170	3	3B	8/16/1994	909	102	5 - 6	0.99	**0.006**	0.021	0.003	0.013	NA	NA
03GB032	03GPW032	21	3A	9/12/1994	529	12	10 - 12	0.6	0.001 U	0.001 U	0.001 U	0.001 U	NA	NA
03GB036	03GPW036	21	NA	9/9/1994	>250	30	10 - 12	0.61	0.001 U	0.001 U	0.001 U	0.001 U	NA	NA
03GB038	03GPW038	3	NA	9/12/1994	>250	57	5 - 7	1	0.001 U	0.001 U	0.001 U	0.002	NA	NA
03GB039	03GPW039	4	NA	9/9/1994	>250	7	7 - 9	0.39	0.001 U	0.001 U	0.001 U	0.001 U	NA	NA
03GB240	GPW03-240	3	NA	8/18/1994	>250	24	5 - 6	0.86	0.001 U	0.001 U	0.001 U	0.002	NA	NA
097-001	030-USTF-031	3	3C	9/1/1999	1232	103	10 -	1.35	0.005 U	0.005 U	0.006	0.018	0.01 U	**0.0168**
097-002	030-USTF-032	3	3C	9/2/1999	1261	62	10 -	3.25	0.005 U	0.0006 J	0.005 U	0.005 U	0.01 U	**0.994**
097-003	030-USTF-033	3	3C	9/1/1999	1207	62	10 -	0.58	NA	NA	NA	NA	NA	**0.148**
097-003	030-USTF-033	3	3C	9/2/1999	1207	62	10 -	0.03	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	NA
097-004	030-USTF-028	3	3C	9/2/1999	1165	97	10 -	2.86	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.0046 B
097-005	030-USTF-029	3	3C	9/2/1999	1113	86	10 -	0.39	**0.003 J**	0.005	0.0008 J	0.003 J	0.01 U	**0.0181**
097-006	030-USTF-030	3	3C	9/2/1999	1116	85	10 -	1.19	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	0.0083
097-007	030-USTF-034	3	3C	9/2/1999	1327	55	10 -	1.4	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	**3.45**
097-008	030-USTF-035	3	3C	9/2/1999	1355	50	10 -	1.7	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	**0.103**
097-009	030-USTF-027	3	3C	9/2/1999	1333	1	10 -	**1.8**	NA	NA	NA	NA	NA	**0.976**
097-009	030-USTF-036	3	3C	9/2/1999	1333	1	10 -	**1.6**	0.005 U	0.0007 J	0.0007 J	0.005 J	0.01 U	**1.31**
097-010	030-USTF-017	3	3C	9/2/1999	876	57	10 -	NA	**0.024**	0.0007 J	0.001 J	0.005 U	0.01 U	NA
11/21-CH1	11/21-CH1-10	4	NA	7/9/2002	>250	57	8 - 12	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
11/21-CH1	11/21-CH1-20	4	NA	7/9/2002	>250	57	18 - 22	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
11/21-CH1	11/21-CH1-30	4	NA	7/10/2002	>250	57	28 - 32	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
11/21-CH1	11/21-CH1-40	4	NA	7/10/2002	>250	57	38 - 40	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
11/21-CH1	11/21-CH1-50	4	NA	7/10/2002	>250	57	48 - 52	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
11/21-CH2	11/21-CH2-10	4	NA	7/10/2002	>250	40	8 - 12	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
11/21-CH2	11/21-CH2-20	4	NA	7/10/2002	>250	40	18 - 22	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
11/21-CH2	11/21-CH2-30	4	NA	7/10/2002	>250	40	28 - 32	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
11/21-CH2	11/21-CH2-40	4	NA	7/10/2002	>250	40	38 - 42	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
11/21-CH2	11/21-CH2-50	4	NA	7/10/2002	>250	40	48 - 52	NA	0.00051 J	0.001 U	0.001 U	0.002 U	0.001 U	NA

TABLE H-7-1: GROUNDWATER ANALYTICAL DATA - SITES 3, 4, 11, AND 21

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

Point Name	Sample Idenfication	Site	CAA	Sampling Date	Approximate Distance from Shoreline (feet)	Approximate Distance to Storm Drain (feet)	Sampling Depth (feet bgs)	Concentration (mg/L)						
								TTPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
11/21-CH3	11/21-CH3-10	4	NA	7/10/2002	>250	10	8 - 12	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
11/21-CH3	11/21-CH3-10D	4	NA	7/10/2002	>250	10	8 - 12	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
11/21-CH3	11/21-CH3-20	4	NA	7/10/2002	>250	10	18 - 22	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
11/21-CH3	11/21-CH3-30	4	NA	7/10/2002	>250	10	28 - 32	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
11/21-CH3	11/21-CH3-40	4	NA	7/10/2002	>250	10	38 - 42	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
11/21-CH3	11/21-CH3-50	4	NA	7/11/2002	>250	10	48 - 52	NA	0.001 U	0.00052 J	0.001 U	0.002 U	0.001 U	NA
11/21-CH4	11/21-CH4-10	4	NA	7/11/2002	>250	47	8 - 12	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
11/21-CH4	11/21-CH4-20	4	NA	7/11/2002	>250	47	18 - 22	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
11/21-CH4	11/21-CH4-30	4	NA	7/11/2002	>250	47	28 - 32	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
11/21-CH4	11/21-CH4-40	4	NA	7/11/2002	>250	47	38 - 42	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
11/21-CH4	11/21-CH4-50	4	NA	7/11/2002	>250	47	48 - 52	NA	0.001 U	0.00062 J	0.001 U	0.002 U	0.001 U	NA
116-0013	116-0013	3	NA	12/28/1998	>250	43	9 - 12	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.025 UP
116-0013	116-0014	3	NA	12/28/1998	>250	43	9 - 12	NA	NA	NA	NA	NA	NA	**0.856 P**
116-Z21-005	116-0009	3	NA	11/8/1995	>250	60	8 - 9	NA	NA	NA	NA	NA	NA	**0.107**
116-Z21-005	116-0012	3	NA	11/8/1995	> 250	60	8 - 9	NA	NA	NA	NA	NA	NA	**0.172**
118-0015	118-0015	3	NA	12/28/1998	>250	2	9 - 12	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.025 UP
118-0015	118-0016	3	NA	12/28/1998	>250	2	9 - 12	NA	NA	NA	NA	NA	NA	**9.21 P**
118-0015	118-0017	3	NA	12/28/1998	> 250	2	9 - 12	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.025 UP
118-Z21-007	118-0011	3	NA	11/8/1995	>250	2	8 - 9	NA	NA	NA	NA	NA	NA	**28.7**
126-003-006	126-0011	21	NA	11/1/1995	>250	16	11 - 12	ND	NA	NA	NA	NA	NA	NA
126-003-008	126-0017	21	NA	10/31/1995	>250	4	8 - 9	0.94	NA	NA	NA	NA	NA	NA
126-003-009	126-0020	21	NA	10/31/1995	>250	17	8 - 9	ND	NA	NA	NA	NA	NA	NA
129-003-007	129-0018	3	NA	11/10/1995	>250	132	8 - 9	NA	NA	NA	NA	NA	NA	**105**
134-006-026	134-0041	4	3C	10/12/1995	921	12	8.5 - 9.5	ND	NA	NA	NA	NA	NA	NA
134-006-027	134-0043	4	3C	10/16/1995	800	56	10 - 10	0.748	NA	NA	NA	NA	NA	NA
134-006-028	134-0045	4	NA	10/11/1995	>250	14	7.5 - 8.5	**1.4**	NA	NA	NA	NA	NA	NA
134-006-028	134-0045RS	4	NA	11/6/1995	>250	14	8 - 9	0.22	NA	NA	NA	NA	NA	NA
134-006-030	134-0049	4	NA	10/11/1995	>250	3	7.5 - 8.5	**2.7**	NA	NA	NA	NA	NA	NA
134-006-030	134-0049RS	4	NA	11/6/1995	>250	3	8 - 9	0.55	NA	NA	NA	NA	NA	NA
134-006-031	134-0051	4	NA	10/12/1995	>250	114	8.5 - 9.5	ND	NA	NA	NA	NA	NA	NA
134-006-033	134-0055	4	NA	10/12/1995	>250	5	9 - 10	ND	NA	NA	NA	NA	NA	NA
134-006-033	134-0075	4	NA	10/12/1995	> 250	5	9 - 10	ND	NA	NA	NA	NA	NA	NA
134-006-034	134-0057	4	NA	10/12/1995	>250	10	9 - 10	ND	0.002 UJ	0.005 UJ	0.005 UJ	0.005 UJ	NA	NA
134-006-037	134-0062	4	NA	10/12/1995	>250	8	10 - 12	0.563	**0.005 J**	0.002 J	0.001 UJ	0.001 UJ	NA	0.0013 U
134-006-038	134-0065	4	NA	10/13/1995	>250	0.5	8 - 9	**4.2**	**0.054 D**	0.001 UJ	0.0008 J	0.023 J	NA	NA
134-006-040	134-0068	4	NA	10/13/1995	>250	48	8 - 9	**16.3**	**0.27 D**	0.001 UJ	0.094 D	0.49 D	NA	NA
134-006-042	134-0073	4	NA	10/13/1995	>250	192	7 - 8	ND	NA	NA	NA	NA	NA	NA
138-Z17-017	138-0025	11	11B	10/30/1995	>250	83	11.5 - 12.5	ND	NA	NA	NA	NA	NA	NA
14-1L	14-1L	11	11A	11/17/1994	512	215	0 - 0	**40.784**	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
14-4L	14-4L	11	11A	11/22/1994	280	36	0 - 0	**475**	0.002 U	0.002 U	0.002 U	0.002 U	NA	NA
162-001	030-USTF-069	21	NA	9/2/1999	>250	3	10 -	NA	0.005 U	0.0008 J	0.0007 J	0.004 J	0.01 U	NA
163-001	163-0015	4	NA	8/19/1999	>250	36	5 - 12	ND	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.005 U
37-10-MOJ	37-P10	11	11B	8/18/1997	497	56	0 - 0	1.56	0.0005 U	0.0005 U	0.004	0.0098	0.005 U	NA
37-11/12-L	37-11/12-L	11	11B	2/9/1995	>250	0	0 - 0	**108**	0.025 U	0.025 U	0.025 U	0.015	NA	NA
37-11-MOJ	37-P11	11	11B	8/19/1997	>251	57	0 - 0	0.34	0.0005 U	0.0005 U	0.0005 U	0.001	0.005 U	NA
37-12-MOJ	37-P12	11	11B	8/18/1997	>252	52	0 - 0	**24.2**	0.0025 U	0.078	0.0025 U	0.0027	0.025 U	NA
37-13-MOJ	37-P13	11	11B	8/18/1997	>253	54	0 - 0	0.25	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.005 U	NA
37-14-MOJ	37-P14	11	11B	8/18/1997	>254	24	0 - 0	0.15	NA	NA	NA	NA	NA	NA

TABLE H-7-1: GROUNDWATER ANALYTICAL DATA - SITES 3, 4, 11, AND 21

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

Point Name	Sample Idenfication	Site	CAA	Sampling Date	Approximate Distance from Shoreline (feet)	Approximate Distance to Storm Drain (feet)	Sampling Depth (feet bgs)	Concentration (mg/L)						
								TTPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
37-15-MOJ	37-P15	11	11B	8/22/1997	>255	15	0 - 0	**8.9**	NA	NA	NA	NA	NA	NA
37-16-MOJ	37-P16	11	11B	8/22/1997	> 250	17	0 - 0	**7.73**	NA	NA	NA	NA	NA	NA
37-17-MOJ	37-P17	11	11B	8/22/1997	> 250	32	0 - 0	**6**	NA	NA	NA	NA	NA	NA
37-18A-MOJ	37-P18A	11	11B	8/18/1997	> 250	25	0 - 0	**3.5**	0.0005 U	0.0005 U	0.014	0.0042	0.005 U	NA
37-18B-MOJ	37-P18B	11	11B	8/18/1997	> 250	25	0 - 0	0.31	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.005 U	NA
37-19-MOJ	37-P19	11	11B	8/18/1997	406	8	0 - 0	**4.9**	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.005 U	NA
37-1-MOJ	37-P1	11	11B	8/21/1997	411	13	0 - 0	0.17	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.005 U	NA
37-20-MOJ	37-P20	11	11B	8/19/1997	454	1	0 - 0	ND	0.0005 U	0.0005	0.0005 U	0.0005 U	0.005 U	NA
372-10-ERM	372-W10	4	NA	1/10/1995	>250	26	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
372-10-MOJ	372-P10	4	NA	9/3/1997	>250	98	0 - 0	1.355	**0.0031**	0.0005 U	0.0013	0.0035	**0.019**	NA
372-11-ERM	372-W11	4	NA	1/10/1995	>250	38	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
372-11-MOJ	372-P11	4	NA	9/3/1997	>250	76	0 - 0	1.3	**0.0049**	0.0005	0.0042	0.0088	**0.0074**	NA
372-12-ERM	372-W12	4	NA	1/10/1995	>250	69	0 - 0	ND	**0.0011**	0.0005 U	0.0006	0.0025	NA	NA
372-13-ERM	372-W13	4	NA	1/10/1995	>250	25	0 - 0	0.635	0.0005 U	0.0005 U	0.0008	0.0048	NA	NA
372-14-ERM	372-W14	4	NA	1/10/1995	>250	32	0 - 0	ND	**0.0031**	0.0005 U	0.0005	0.0015	NA	NA
372-14-MOJ	372-P14	4	NA	9/22/1997	>250	115	0 - 0	**374**	**0.039**	0.0025 U	0.071	0.073	**0.046**	NA
372-15-ERM	372-W15	4	NA	1/10/1995	>250	2	0 - 0	ND	**0.006**	0.0005 U	0.0005 U	0.0015 U	NA	NA
372-15-MOJ	372-P15	4	NA	9/22/1997	>250	111	0 - 0	**3.61**	0.00051	0.0005 U	0.0021	0.0091	0.005 U	NA
372-16-ERM	372-W16	4	NA	1/10/1995	>250	37	0 - 0	ND	0.0005 U	0.0005 U	0.0011	0.0052	NA	NA
372-16-MOJ	372-P16	4	NA	10/6/1997	>250	80	0 - 0	1.25	0.00062	0.0005 U	0.0005 U	0.001 U	0.005 U	NA
372-17-ERM	372-W17	4	NA	1/10/1995	>250	33	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
372-17-MOJ	372-P17	4	NA	10/6/1997	>250	57	0 - 0	0.7	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.005 U	NA
372-18-ERM	372-W18	4	NA	1/10/1995	>250	32	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
372-19-ERM	372-W19	4	NA	8/22/1995	>250	70	0 - 0	**120**	**3**	0.0005 U	0.51	**2.3**	NA	NA
372-1-ERM	372-W1	4	NA	1/9/1995	>250	89	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
37-21L	37-21L	11	11B	6/29/1995	345	11	0 - 0	**12.3**	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
37-21-MOJ	37-P21	11	11A	8/19/1997	545	1	0 - 0	0.1	0.0005 U	0.01	0.0005 U	0.0005 U	0.005 U	NA
372-20-ERM	372-W20	4	NA	8/22/1995	>250	97	0 - 0	**32.6**	**0.029**	0.0005 U	0.0005 U	0.021	NA	NA
372-2-ERM	372-W2	4	NA	1/9/1995	>250	80	0 - 0	**3627.2**	**1.266**	**0.157**	0.165	1.1322	NA	NA
37-22-MOJ	37-P22	11	11A	8/19/1997	592	33	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0012	0.005 U	NA
372-3-ERM	372-W3	4	NA	1/9/1995	>250	44	0 - 0	**1806.1**	**0.0481**	0.022	0.1586	0.8821	NA	NA
37-23L	37-23L	11	11B	7/13/1995	398	18	0 - 0	**113**	0.05 U	0.12	0.05 U	0.18	NA	NA
37-23-MOJ	37-P23	11	11B	8/26/1997	328	51	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.005 U	NA
372-3-MOJ	372-P3	4	NA	9/4/1997	>250	36	0 - 0	0.4	NA	NA	NA	NA	NA	NA
372-4-ERM	372-W4	4	NA	1/9/1995	>250	25	0 - 0	**2747.1**	**2.702**	**0.2279**	**0.4805**	**3.313**	NA	NA
37-24-MOJ	37-P24	11	11B	8/19/1997	>250	50	0 - 0	ND	NA	NA	NA	NA	NA	NA
37-24-MOJ	37-P24	11	11B	8/19/1997	296	50	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.005 U	NA
372-4-MOJ	372-P4	4	NA	9/4/1997	>250	9	0 - 0	1.1	NA	NA	NA	NA	NA	NA
372-5-ERM	372-W5	4	NA	1/9/1995	>250	37	0 - 0	**7900**	**2.768**	**0.7942**	**3.364**	**18.707**	NA	NA
37-25-MOJ	37-P25	11	11B	8/19/1997	252	29	0 - 0	**26.5**	0.0025 U	0.0025 U	0.0025 U	0.005 U	0.025 U	NA
372-5-MOJ	372-P5	4	NA	9/4/1997	>250	26	0 - 0	0.67	NA	NA	NA	NA	NA	NA
372-6-ERM	372-W6	4	NA	1/9/1995	>250	38	0 - 0	**2190.7**	**0.8845**	0.0338	**0.9386**	1.42	NA	NA
37-26-MOJ	37-P26	11	11A	8/22/1997	636	67	0 - 0	**40.4**	0.001 U	0.0014	0.0066	0.001 U	0.01 U	NA
372-6-MOJ	372-P6	4	NA	9/2/1997	>250	39	0 - 0	1.1	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.005 U	NA
372-7-ERM	372-W7	4	NA	1/9/1995	>250	34	0 - 0	1.361	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
37-27-MOJ	37-P27	11	11B	8/21/1997	364	28	0 - 0	ND	NA	NA	NA	NA	NA	NA
372-7-MOJ	372-P7	4	NA	9/2/1997	>250	8	0 - 0	**69.5**	**0.38**	0.0025 U	0.0025 U	0.005 U	0.025 U	NA
372-8-ERM	372-W8	4	NA	1/10/1995	>250	0.5	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA

TABLE H-7-1: GROUNDWATER ANALYTICAL DATA - SITES 3, 4, 11, AND 21

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

								Concentration (mg/L)						
Point Name	Sample Idenfication	Site	CAA	Sampling Date	Approximate Distance from Shoreline (feet)	Approximate Distance to Storm Drain (feet)	Sampling Depth (feet bgs)	TTPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
372-8-MOJ	372-P8	4	NA	9/2/1997	>250	23	0 - 0	**6.4**	**0.023**	0.0005 U	0.044	0.21	0.005 U	NA
372-9-ERM	372-W9	4	NA	1/10/1995	>250	7	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
372-9-MOJ	372-P9	4	NA	9/3/1997	>250	96	0 - 0	**108**	**0.17**	0.012 U	0.2	0.5	0.12 U	NA
37-2-MOJ	37-P2	11	11B	8/22/1997	379	13	0 - 0	ND	NA	NA	NA	NA	NA	NA
372-MW1	372-MW1	4	NA	12/17/1997	>250	24	2.5 - 12.5	0.071	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
372-MW1	372-MW1	4	NA	2/7/1995	>250	24	2.5 - 12.5	0.25	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA
372-MW1	372-MW1	4	NA	3/17/1998	>250	24	2.5 - 12.5	0.285	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
372-MW1	372-MW1	4	NA	9/28/1998	>250	24	2.5 - 12.5	0.341	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
372-MW1	372-MW1-A1300	4	NA	7/11/2002	>250	24	2.5 - 12.5	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	5E-05 J
372-MW1	372-MW1-A1971	4	NA	4/14/2003	>250	24	2.5 - 12.5	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
372-MW1	385-S04-133	4	NA	6/29/2001	>250	24	2.5 - 12.5	ND	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
372-MW3	372-MW3	4	NA	12/17/1997	>250	28	2.5 - 12.5	ND	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
372-MW3	372-MW3	4	NA	2/7/1995	>250	28	2.5 - 12.5	1.2	**0.037**	0.01 U	0.01 U	0.01 U	NA	NA
372-MW3	372-MW3	4	NA	3/17/1998	>250	28	2.5 - 12.5	0.071	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
372-MW3	372-MW3	4	NA	4/2/1999	>250	28	2.5 - 12.5	0.9	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
372-MW3	372-MW3	4	NA	9/28/1998	>250	28	2.5 - 12.5	0.058	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
372-MW3	385-S04-134	4	NA	6/29/2001	>250	28	2.7 - 12.7	0.88	0.0005 U	0.002 U	0.002 U	0.0004 J	0.005 U	NA
37-39-MOJ	37-P39	11	11A	8/29/1997	629	61	0 - 0	0.67	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.005 U	NA
37-3-MOJ	37-P3	11	11B	8/21/1997	350	4	0 - 0	0.32	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.005 U	NA
37-40-MOJ	37-P40	11	11A	9/4/1997	563	34	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.005 U	NA
37-41-MOJ	37-P41	11	11B	9/4/1997	481	11	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.005 U	NA
37-43-MOJ	37-P43	11	11B	9/19/1997	188	58	0 - 0	0.2	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.005 U	NA
37-44-MOJ	37-P44	11	11B	9/19/1997	203	54	0 - 0	0.9	0.0005 U	0.0005 U	0.0005 U	0.0005	0.005 U	NA
37-45-MOJ	37-P45	11	11B	9/19/1997	206	79	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.005 U	NA
37-46-MOJ	37-P46	11	11B	9/19/1997	234	69	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0012	NA
37-47-MOJ	37-P47	11	11B	9/19/1997	244	42	0 - 0	0.54	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.005 U	NA
37-48-MOJ	37-P48	11	11B	9/19/1997	230	34	0 - 0	0.85	0.0005 U	0.00075	0.0005 U	0.001 U	0.005 U	NA
37-49-MOJ	37-P49	11	11B	9/19/1997	215	31	0 - 0	0.65	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.005 U	NA
37-4-MOJ	37-P4	11	11B	8/21/1997	329	29	0 - 0	0.28	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.005 U	NA
37-5-MOJ	37-P5	11	11B	8/22/1997	293	15	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.005 U	NA
37-6-MOJ	37-P6	11	11B	8/19/1997	325	22	0 - 0	0.6	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.005 U	NA
37-76-MOJ	37-P76	11	11A	10/3/1997	681	44	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.005 U	NA
37-77-MOJ	37-P77	11	11A	10/3/1997	661	64	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.005 U	NA
37-78-MOJ	37-P78	11	11A	10/3/1997	645	80	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.005 U	NA
37-79-MOJ	37-P79	11	11B	10/3/1997	>250	29	0 - 0	**1.62**	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.005 U	NA
37-7-MOJ	37-P7	11	11B	8/21/1997	377	8	0 - 0	1.2	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.005 U	NA
37-80-MOJ	37-P80	11	11B	10/3/1997	>250	28	0 - 0	1.35	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.005 U	NA
37-81-MOJ	37-P81	11	11B	10/3/1997	>250	21	0 - 0	0.77	0.0005 U	0.0012	0.0005 U	0.031	0.005 U	NA
37-82-MOJ	37-P82	11	11B	10/3/1997	>250	7	0 - 0	1.06	0.0005 U	0.0005 U	0.0005 U	0.048	0.005 U	NA
37-83-MOJ	37-P83	11	11B	10/3/1997	394	27	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.005 U	NA
37-84-MOJ	37-P84	11	11B	10/3/1997	422	7	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.005 U	NA
37-8-MOJ	37-P8	11	11A	8/18/1997	627	61	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.005 U	NA
37-9-MOJ	37-P9	11	11A	8/18/1997	593	57	0 - 0	0.19	0.0005 U	0.0005 U	0.0005 U	0.0017	0.005 U	NA
37-L-9	37-L-9	11	11B	2/3/1995	>250	4	0 - 0	**18.52**	**0.7**	0.026	0.2	0.19	NA	NA
37-MJ-MW1	37-MJ-MW-1	11	11B	12/12/1997	>250	29	0 - 0	**1.72**	**0.0048**	0.0028	0.0005 U	0.0005 U	**0.0062**	NA
37-MJ-MW1	37-MJ-MW-1	11	11B	3/16/1998	>250	29	0 - 0	0.746	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
37-MJ-MW1	37-MJ-MW-1	11	11B	10/24/1998	>250	29	0 - 0	0.342	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
37-MJ-MW1	37-MJ-MW-1	11	11B	4/6/1999	>250	29	0 - 0	0.871	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA

TABLE H-7-1: GROUNDWATER ANALYTICAL DATA - SITES 3, 4, 11, AND 21

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

Point Name	Sample Idenfication	Site	CAA	Sampling Date	Approximate Distance from Shoreline (feet)	Approximate Distance to Storm Drain (feet)	Sampling Depth (feet bgs)	Concentration (mg/L)						
								TTPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
37-MJ-MW1	37-MJ-MW1-A1079	11	11B	6/25/2002	>250	29	5 - 15	1	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
37-MJ-MW1	37-MJ-MW1-A1297	11	11B	9/6/2002	>250	29	5 - 15	0.45	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0001 U	NA
37-MJ-MW1	37-MJ-MW1-A1580	11	11B	12/10/2002	>250	29	5 - 15	0.47	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
37-MJ-MW1	37-MJ-MW1-A1950	11	11B	4/11/2003	>250	29	5 - 15	0.64	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
37-MJ-MW2	37-MJ-MW-2	11	11B	12/12/1997	>250	28	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
37-MJ-MW2	37-MJ-MW-2	11	11B	3/16/1998	>250	28	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
37-MJ-MW2	37-MJ-MW-2	11	11B	10/24/1998	>250	28	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
37-MJ-MW2	37-MJ-MW-2	11	11B	4/6/1999	>250	28	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.000522	0.0025 U	NA
37-MJ-MW3	37-MJ-MW-3	11	11A	12/12/1997	643	80	0 - 0	0.087	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.005 U	NA
37-MJ-MW3	37-MJ-MW-3	11	11A	3/16/1998	643	80	0 - 0	0.068	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.005 U	NA
37-MJ-MW-4	37-MJ-MW-4	11	11B	11/24/1998	202	45	0 - 0	0.275	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
37-MJ-MW-4	37-MJ-MW-4	11	11B	12/12/1997	202	45	0 - 0	0.272	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
37-MJ-MW-4	37-MJ-MW-4	11	11B	3/16/1998	202	45	0 - 0	0.222	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
37-MJ-MW-4	37-MJ-MW-4	11	11B	4/6/1999	202	45	0 - 0	0.186	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
37-MJ-MW-5	37-MJ-MW-5	11	11B	11/24/1998	202	59	0 - 0	0.084	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
37-MJ-MW-5	37-MJ-MW-5	11	11B	12/12/1997	202	59	0 - 0	0.32	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
37-MJ-MW-5	37-MJ-MW-5	11	11B	3/16/1998	202	59	0 - 0	0.063	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
37-MJ-MW-5	37-MJ-MW-5	11	11B	4/6/1999	202	59	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
37-MJ-MW6	37-MJ-MW-6	11	11B	12/12/1997	>250	93	0 - 0	0.55	**0.0016**	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
37-MJ-MW6	37-MJ-MW-6	11	11B	3/16/1998	>250	93	0 - 0	0.8	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
37-MJ-MW7	37-MJ-MW-7	11	11B	12/12/1997	349	25	0 - 0	0.064	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
37-MJ-MW7	37-MJ-MW-7	11	11B	3/16/1998	349	25	0 - 0	0.078	0.0005 U	0.0005 U	0.0005 U	0.0005 U	**0.012**	NA
393-001	030-USTF-089	3	NA	9/7/1999	>250	8	10 - 0	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	NA
393-002	030-USTF-090	3	NA	9/7/1999	>250	76	10 -	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	NA
393-003	030-USTF-091	3	NA	9/7/1999	>250	61	10 -	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.01 U	NA
393L	393L	3	NA	11/17/1994	>250	69	0 - 0	1.82	0.00075	0.029	0.0008	0.0053	NA	0 U
398-10-ERM	398-W10	21	3A	1/11/1995	625	35	0 - 0	**194.2**	0.0005 U	0.0051	0.0167	0.0015 U	NA	NA
398-11-ERM	398-W11	3	3A	1/16/1995	647	44	0 - 0	**116.7**	0.0005 U	0.0333	0.2214	0.8649	NA	NA
398-12-ERM	398-W12	21	3A	1/16/1995	630	22	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
398-13-ERM	398-W13	3	3A	1/16/1995	632	6	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
398-14-ERM	398-W14	3	3A	1/16/1995	676	12	0 - 0	**382.8**	0.0005 U	0.023	**1.498**	**4.459**	NA	NA
398-15-ERM	398-W15	3	3A	1/16/1995	670	6	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
398-16-ERM	398-W16	3	3A	1/16/1995	662	1	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
398-17-ERM	398-W17	3	3A	1/16/1995	697	1	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0019	NA	NA
398-18-ERM	398-W18	3	3A	1/16/1995	691	6	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
398-1-ERM	398-W1	21	3A	1/11/1995	585	27	0 - 0	**3.933**	0.0005 U	0.0029	0.0005 U	0.0017	NA	NA
398-1-MOJ	398-P1W	3	3A	9/4/1997	683	29	0 - 0	**8.9**	NA	NA	NA	NA	NA	NA
398-2-ERM	398-W2	21	3A	1/11/1995	578	24	0 - 0	ND	0.0005 U	0.001	0.0005 U	0.0015 U	NA	NA
398-2-MOJ	398-P2W	3	3A	9/5/1997	677	20	0 - 0	**27**	**0.58**	0.012 U	0.35	0.86	0.12 U	NA
398-3-ERM	398-W3	21	3A	1/11/1995	557	24	0 - 0	**2029**	0.0005 U	0.0005 U	0.0005 U	0.0218	NA	NA
398-3-MOJ	398-P3W	21	3A	9/4/1997	627	87	0 - 0	0.52	NA	NA	NA	NA	NA	NA
398-4-ERM	398-W4	21	3A	1/11/1995	555	28	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
398-5-ERM	398-W5	21	3A	1/11/1995	551	38	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
398-5-MOJ	398-P5W	21	3A	9/2/1997	569	13	0 - 0	0.727	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.005 U	NA
398-6-ERM	398-W6	21	3A	1/11/1995	575	19	0 - 0	**266.5**	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
398-6-MOJ	398-P6W	21	3A	9/5/1997	551	30	0 - 0	0.627	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.005 U	NA
398-7-ERM	398-W7	21	3A	1/11/1995	601	37	0 - 0	ND	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
398-7-MOJ	398-P7W	21	3A	9/5/1997	558	31	0 - 0	0.98	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.005 U	NA

TABLE H-7-1: GROUNDWATER ANALYTICAL DATA - SITES 3, 4, 11, AND 21

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

								Concentration (mg/L)						
Point Name	Sample Idenfication	Site	CAA	Sampling Date	Approximate Distance from Shoreline (feet)	Approximate Distance to Storm Drain (feet)	Sampling Depth (feet bgs)	TTPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
398-8-ERM	398-W8	21	3A	1/11/1995	623	48	0 - 0	**158.8**	0.0005 U	0.0103	0.0274	0.0015 U	NA	NA
398-8-MOJ	398-P8W	21	3A	9/2/1997	565	42	0 - 0	0.92	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.005 U	NA
398-9-ERM	398-W9	21	3A	1/11/1995	590	12	0 - 0	**1332**	0.0005 U	0.0005 U	0.2788	0.0174	NA	NA
398-9-MOJ	398-P9W	21	3A	9/2/1997	614	9	0 - 0	0.8	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.005 U	NA
398-A19	030-CAP-035	21	3A	5/1/2000	604	45	5 - 15	NA	0.0005 U	0.001 U	0.001 U	0.002 U	0.002 U	NA
398-A19	030-CAP-357	21	3A	5/1/2000	604	45	5 - 15	NA	0.0005 U	0.001 U	0.001 U	0.002 U	0.002 U	NA
398-L	398-L	21	3A	4/27/1995	575	19	7 -	**254**	0.01 U	0.01 U	0.01 U	0.013	NA	0 U
398-MW1	030-CAP-031	21	3A	5/1/2000	498	76	2.41 - 12.41	NA	0.0005 U	0.001 U	0.001 U	0.002 U	0.002 U	NA
398-MW1	385-S21-024	21	3A	6/26/2001	>250	76	2.41 - 12.41	ND	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
398-MW1	398-MW1	21	3A	12/17/1997	498	76	2.4 - 12.4	ND	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
398-MW1	398-MW1	21	3A	2/9/1995	498	76	2.4 - 12.4	ND	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA
398-MW1	398-MW1	21	3A	3/17/1998	498	76	2.4 - 12.4	ND	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
398-MW1	398-MW1	21	3A	4/6/1999	498	76	2.4 - 12.4	ND	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
398-MW1	398-MW1	21	3A	9/30/1998	498	76	2.4 - 12.4	ND	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
398-MW2	030-CAP-032	21	3A	5/1/2000	585	24	2.55 - 12.55	NA	0.0005 U	0.001 U	0.001 U	0.002 U	0.002 U	NA
398-MW2	385-S21-025	21	3A	6/26/2001	>250	24	2.55 - 12.55	ND	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
398-MW2	398-MW2	21	3A	12/17/1997	585	24	2.6 - 12.6	0.222	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
398-MW2	398-MW2	21	3A	2/9/1995	585	24	2.6 - 12.6	0.18	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA
398-MW2	398-MW2	21	3A	3/17/1998	585	24	2.6 - 12.6	0.37	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
398-MW2	398-MW2	21	3A	4/6/1999	585	24	2.6 - 12.6	0.22	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
398-MW2	398-MW2	21	3A	9/28/1998	585	24	2.6 - 12.6	0.288	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
398-MW3	030-CAP-033	3	3A	5/1/2000	666	2	3.76 - 13.76	NA	0.0005 U	0.001 U	0.001 U	0.002 U	0.002 U	NA
398-MW3	385-S21-026	3	3A	6/26/2001	>250	2	3.76 - 13.76	1.1	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
398-MW3	398-MW3	3	3A	12/17/1997	666	2	3.3 - 13.3	ND	0.0005 U	0.0005 U	0.0024	0.0027	0.0025 U	NA
398-MW3	398-MW3	3	3A	2/9/1995	666	2	3.3 - 13.3	0.12	0.01 U	0.01 U	0.01 U	0.01 U	NA	NA
398-MW3	398-MW3	3	3A	3/17/1998	666	2	3.3 - 13.3	0.05	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
398-MW3	398-MW3	3	3A	4/6/1999	666	2	3.3 - 13.3	ND	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
398-MW3	398-MW3	3	3A	9/28/1998	666	2	3.3 - 13.3	0.055	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
398-MW4	030-CAP-034	3	3A	5/1/2000	720	4	2.85 - 12.85	NA	0.0005 U	0.001 U	0.001 U	0.002 U	0.002 U	NA
398-MW4	385-S21-027	3	3A	6/27/2001	>250	4	2.85 - 12.85	0.26	0.0004 J	0.002 U	0.0005 J	0.002 U	0.005 U	NA
398-MW4	398-MW4	3	3A	12/18/1997	720	4	2.9 - 12.9	0.394	**0.0043**	0.0005 U	0.0051	0.0022	0.003	NA
398-MW4	398-MW4	3	3A	2/9/1995	720	4	2.9 - 12.9	0.36	**0.006**	0.01 U	0.01 U	0.011	NA	NA
398-MW4	398-MW4	3	3A	3/17/1998	720	4	2.9 - 12.9	**3.67**	**0.082**	0.053	0.099	0.11	0.0025 U	NA
398-MW4	398-MW4	3	3A	4/6/1999	720	4	2.9 - 12.9	0.405	**0.0012**	0.0005 U	0.0005 U	0.0005 U	0.0025 U	NA
398-MW4	398-MW4	3	3A	9/28/1998	720	4	2.9 - 12.9	1.02	**0.027**	0.0005 U	0.01	0.0086	**0.043**	NA
398-MW4	398-MW4-A1078	3	3A	6/20/2002	>250	4	2.85 - 12.85	0.34	**0.0018**	0.0005 U	0.0034	0.001 U	0.0005 U	0.0002 J
398-MW4	398-MW4-A1296	3	3A	9/6/2002	>250	4	2.85 - 12.85	0.57	**0.0018**	0.0005 U	0.0047	0.001 U	0.0005 U	NA
398-MW4	398-MW4-A1579	3	3A	12/10/2002	>250	4	2.85 - 12.85	0.47	**0.0028**	0.0005 U	0.0025	0.001 U	0.0005 U	0.0004 U
398-MW4	398-MW4-A1949	3	3A	4/11/2003	>250	4	2.85 - 12.85	1	**0.004**	0.0005 U	0.0072	0.001 U	0.0005 U	NA
411-W	411-W	3	NA	10/25/1994	>250	46	7 - 0	**1.58**	**0.001**	0.0034	0.00075	0.01	NA	NA
6H	385-S21-046	4	NA	7/23/2001	>250	0	0 -	0.27	0.0005 U	0.002 U	0.002 U	0.002 U	0.002 J	NA
CA03-01	030-CAP-006	21	3A	4/27/2000	571	12	0 - 10	ND	0.0005 U	0.001 U	0.001 U	0.002 U	0.002 U	0.003 U
CA03-02	030-CAP-008	3	3B	4/26/2000	971	9	3 - 8	**4.3**	**0.62**	0.01 U	0.01 U	0.21	0.02 U	0.0073
CA04-01	030-CAP-036	4	NA	4/27/2000	>250	28	0 - 10	ND	0.0005 U	0.001 U	0.001 U	0.0005 J	0.002 U	0.003 U
CA04-02	030-CAP-037	4	NA	4/27/2000	>250	72	0 - 10	0.11	0.0005 U	0.001 U	0.001 U	0.002 U	0.002 U	0.003 U
CA04-05	030-CAP-058	4	NA	4/27/2000	>250	126	0 - 10	NA	0.0005 U	0.0006 J	0.001 U	0.002 U	0.002 U	NA
CA04-05	030-CAP-059	4	NA	4/27/2000	>250	20	46 - 50	NA	0.0005 U	0.0021	0.001 U	0.002 U	0.002 U	NA
CA04-06	030-CAP-060	4	NA	4/27/2000	>250	20	6 - 10	NA	0.0005 UJ	0.0006 J	0.001 UJ	0.002 UJ	0.002 U	NA

TABLE H-7-1: GROUNDWATER ANALYTICAL DATA - SITES 3, 4, 11, AND 21

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

Point Name	Sample Idenfication	Site	CAA	Sampling Date	Approximate Distance from Shoreline (feet)	Approximate Distance to Storm Drain (feet)	Sampling Depth (feet bgs)	Concentration (mg/L)						
								TTPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
CA04-06	030-CAP-061	4	NA	4/27/2000	>250	20	46 - 50	NA	0.0005 U	0.0015	0.001 U	0.002 U	0.002 U	NA
CA04-06	030-CAP-360	4	NA	4/27/2000	>250	20	6 - 10	NA	0.0005 UJ	0.0006 J	0.001 UJ	0.002 UJ	0.002 U	NA
CA11-01	030-CAP-127	11	11A	5/2/2000	601	32	0 - 10	ND	0.0005 U	0.001 U	0.001 U	0.002 U	0.002 U	0.003 U
CA11-02	030-CAP-128	11	11A	5/2/2000	570	32	0 - 10	ND	0.0005 U	0.001 U	0.001 U	0.002 U	0.002 U	0.003 U
CA11-03	030-CAP-129	11	11B	5/2/2000	>250	20	0 - 10	**5.3**	0.0005 U	0.001 U	0.0066	0.002 U	0.002 U	NA
CA11-09	030-CAP-138	11	11B	5/2/2000	241	38	0 - 10	ND	0.0005 U	0.001 U	0.001 U	0.002 U	0.002 U	0.003 U
CA11-09	030-CAP-366	11	11B	5/2/2000	241	38	0 - 10	ND	0.0005 U	0.001 U	0.001 U	0.002 U	0.002 U	NA
CA11-10	030-CAP-136	11	11B	5/2/2000	389	16	0 - 10	ND	0.0005 U	0.001 U	0.001 U	0.002 U	0.002 U	0.003 U
CA11-11	030-CAP-137	11	11A	5/3/2000	514	83	0 - 10	ND	0.0005 U	0.001 U	0.001 U	0.002 U	0.002 U	0.003 UJ
CA11-12	030-CAP-135	11	11A	5/3/2000	279	35	0 - 10	**3**	0.0005 U	0.001 U	0.001 U	0.002 U	0.002 U	0.003 UJ
CA11-13	030-CAP-139	11	11A	5/3/2000	232	10	0 - 10	ND	0.0005 U	0.001 U	0.001 U	0.002 U	0.002 U	0.003 UJ
CA11-14	030-CAP-151	11	11A	4/28/2000	239	1	3 - 8	**16.34**	0.0005 U	0.001 U	0.001 U	0.001 U	0.002 U	0.003 U
CA11-15	030-CAP-152	11	11A	4/28/2000	561	80	3 - 8	ND	0.0005 U	0.001 U	0.001 U	0.001 U	0.002 U	0.003 U
CA11-16	030-CAP-153	11	11A	5/2/2000	376	133	3 - 8	**60.36**	0.0005 U	0.001 U	0.001 U	0.001 U	0.002 U	0.003 U
CA11-16	030-CAP-369	11	11A	5/2/2000	376	133	3 - 8	**42.9**	0.0005 U	0.001 U	0.001 U	0.001 U	0.002 U	NA
CA11-17	030-CAP-155	11	11A	5/2/2000	481	119	3 - 8	ND	0.0005 U	0.001 U	0.001 U	0.001 U	0.002 U	0.003 U
CA11-20	030-CAP-166	21	11A	4/28/2000	35	36	3 - 8	**9.39**	0.0005 U	0.001 U	0.001 U	0.001 U	0.002 U	**0.034**
CA11-21	030-CAP-167	11	11A	4/28/2000	36	156	3 - 8	**4.6**	0.0005 U	0.001 U	0.001 U	0.001 U	0.002 U	**0.018**
CA11-22	030-CAP-168	11	11A	4/28/2000	34	207	3 - 8	**36**	0.0005 U	0.001 U	0.001 U	0.001 U	0.002 U	**0.0098**
CA11-23	030-CAP-169	11	11A	4/28/2000	39	211	3 - 8	**5**	0.0005 U	0.001 U	0.001 U	0.001 U	0.002 U	0.003 U
CA11-24	030-CAP-170	11	11B	4/28/2000	39	215	3 - 8	**32**	0.0005 U	0.001 U	NA	0.001 U	0.002 U	**0.012**
CA11-25	030-CAP-171	11	11B	4/28/2000	39	245	3 - 8	ND	0.0005 U	0.001 U	0.001 U	0.0023	0.002 U	0.003 U
D03-01	280-S03-098	3	3B	12/14/1994	891	121	49.5 - 59.5	0.25	NA	0.006	0.002	0.008	NA	0.02 U
D03-01	280-S03-121	3	3B	2/16/1995	891	121	49.5 - 59.5	0.24	0.001 U	0.002	0.001 U	0.003	NA	0.005 U
D03-01	280-S03-122	3	3B	6/8/1995	891	121	49.5 - 59.5	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0065 U
D03-01	280-S03-123	3	3B	8/4/1995	891	121	49.5 - 59.5	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0055 U
D03-01	385-S03-048	3	NA	6/29/2001	>250	121	49.5 - 59.5	0.12	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
D03-01	D03-01-A1080	3	NA	7/3/2002	>250	121	49.5 - 59.5	0.11	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0002 U	0.0002 UJ
D03-01	D03-01-A1581	3	NA	12/10/2002	>250	121	49.5 - 59.5	0.27	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	0.0005 U
D04-01	108-S04-030	4	NA	8/5/1998	>250	86	86 - 96	ND	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0017 U
D04-01	108-S04-043	4	NA	5/13/1998	>250	86	86 - 96	ND	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0009 UJ
D04-01	108-S04-044	4	NA	5/13/1998	>250	86	86 - 96	ND	0.0005 U	0.001 U	0.001 U	0.001 U	NA	NA
D04-01	260-S04-137	4	NA	7/1/1994	>250	86	86 - 96	0.37	0.0005 U	0.002 U	0.002 U	0.002 U	NA	0.04 U
D04-01	260-S04-138	4	NA	7/1/1994	>250	86	86 - 96	0.32	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
D04-01	260-S04-139	4	NA	9/27/1994	>250	86	86 - 96	ND	0.0005 U	0.002 U	0.002 U	0.002 U	NA	**0.0166 J**
D04-01	260-S04-140	4	NA	1/24/1995	>250	86	86 - 96	ND	0.0005 UJ	0.002 UJ	0.002 U	0.002 U	NA	0.008 U
D04-01	260-S04-141	4	NA	5/3/1995	>250	86	86 - 96	ND	0.0001 J	0.0006	0.002 U	0.002 UJ	NA	0.0008 UJ
D04-01	385-S04-130	4	NA	7/3/2001	>250	86	86 - 96	ND	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
D04-01	D04-01-A1081	4	NA	7/3/2002	>250	86	86 - 96	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	3E-05 UJ
D04-01	D04-01-A1582	4	NA	12/10/2002	>250	86	86 - 96	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	0.0006 U
D04-02	108-S01-014	4	NA	11/14/1997	>250	12	86.5 - 96.5	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.065 U
D04-02	108-S04-010	4	NA	2/4/1998	>250	12	86.5 - 96.5	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.06 UJ
D04-02	108-S04-020	4	NA	5/8/1998	>250	12	86.5 - 96.5	NA	0.0005 U	0.003	0.001 U	0.001 U	NA	0.0029 UJ
D04-02	108-S04-031	4	NA	8/5/1998	>250	12	86.5 - 96.5	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0017 U
D04-02	260-S04-190	4	NA	3/9/1995	>250	12	86.5 - 96.5	ND	0.0005 U	0.002 U	0.002 U	0.002 U	NA	0.0008 U
D04-02	260-S04-192	4	NA	3/9/1995	>250	12	86.5 - 96.5	NA	0.0005 U	0.002 U	0.002 U	0.002 U	NA	NA
D04-02	260-S04-195	4	NA	5/3/1995	>250	12	86.5 - 96.5	0.6	0.0005 J	0.0006	0.002 U	0.002 UJ	NA	0.0015 UJ
D04-02	385-S04-106	4	NA	6/27/2001	>250	12	86.5 - 96.5	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA

TABLE H-7-1: GROUNDWATER ANALYTICAL DATA - SITES 3, 4, 11, AND 21

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

								Concentration (mg/L)						
Point Name	Sample Idenfication	Site	CAA	Sampling Date	Approximate Distance from Shoreline (feet)	Approximate Distance to Storm Drain (feet)	Sampling Depth (feet bgs)	TTPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
D04-02	385-S04-107	4	NA	6/27/2001	>250	12	86.5 - 96.5	NA	0.0005 UJ	0.002 UJ	0.002 UJ	0.002 UJ	0.005 UJ	NA
D04-02	385-S04-108	4	NA	6/27/2001	>250	12	86.5 - 96.5	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
D04-02	385-S04-109	4	NA	6/27/2001	>250	12	86.5 - 96.5	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
D04-02	385-S04-131	4	NA	7/3/2001	>250	12	86.5 - 96.5	**3.95**	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
D04-02	D04-02-A1082	4	NA	7/3/2002	>250	12	86.5 - 96.5	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0002 U	0.003 U
D04-02	D04-02-A1583	4	NA	12/10/2002	>250	12	86.5 - 96.5	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	0.0006 U
D04-03	108-S04-004	4	NA	11/14/1997	>250	33	84 - 94	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.065 U
D04-03	108-S04-011	4	NA	2/4/1998	>250	33	84 - 94	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.006 UJ
D04-03	108-S04-012	4	NA	2/4/1998	>250	33	84 - 94	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	NA
D04-03	108-S04-021	4	NA	5/6/1998	>250	33	84 - 94	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.005 U
D04-03	108-S04-032	4	NA	8/5/1998	>250	33	84 - 94	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0017 U
D04-03	260-S04-191	4	NA	3/9/1995	>250	33	84 - 94	ND	0.0005 U	0.002 U	0.002 U	0.002 U	NA	0.0008 U
D04-03	260-S04-193	4	NA	3/9/1995	>250	33	84 - 94	NA	0.0005 U	0.002 U	0.002 U	0.002 U	NA	NA
D04-03	260-S04-196	4	NA	5/10/1995	>250	33	84 - 94	ND	0.0005 U	0.002 U	0.002 U	0.002 U	NA	0.0008 U
D04-03	385-S04-111	4	NA	7/9/2001	>250	33	84 - 94	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
D04-03	385-S04-112	4	NA	7/9/2001	>250	33	84 - 94	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
D04-03	385-S04-113	4	NA	7/9/2001	>250	33	84 - 94	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
D04-03	385-S04-114	4	NA	7/9/2001	>250	33	84 - 94	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
D04-03	385-S04-115	4	NA	7/9/2001	>250	33	84 - 94	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
D04-03	385-S04-132	4	NA	7/10/2001	>250	33	84 - 94	0.76	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
D04-03	D04-03-A1083	4	NA	7/3/2002	>250	33	84 - 94	ND	0.0004 J	0.0004 J	0.0005 U	0.001 U	0.0002 U	4E-05 UJ
D04-03	D04-03-A1584	4	NA	12/10/2002	>250	33	84 - 94	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	0.0006 U
D11-01	280-S7B11-157	11	11A	3/8/1995	485	73	50 - 60	ND	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.01 U
D11-01	280-S7B11-158	11	11A	6/22/1995	485	73	50 - 60	**2.4**	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0065 U
D11-01	280-S7B11-159	11	11A	9/19/1995	485	73	50 - 60	ND	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0066 U
D11-01	385-S11-012	11	NA	7/3/2001	>250	73	50 - 60	ND	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
D11-01	D11-01-A1084	11	NA	7/8/2002	>250	73	50 - 60	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	0.0004 U
D11-01	D11-01-A1585	11	NA	12/10/2002	>250	73	50 - 60	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	0.0006 U
DHP-S03-01	280-S03-073	3	3B	9/6/1994	869	101	31.3 - 31.4	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.024 UJ
DHP-S03-02	280-S03-074	3	NA	8/5/1994	>250	96	34 -	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.006 U
DHP-S03-03	280-S03-075	3	NA	8/29/1994	>250	7	17.5 - 21	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	NA
DHP-S03-04	280-S03-076	3	3C	8/5/1994	1301	109	22 -	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.0012 U
DHP-S03-05	280-S03-077	3	3C	8/31/1994	829	40	19 - 22	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.024 U
DHP-S04-03	260-S04-105	4	NA	2/10/1994	>250	87	19 -	ND	0.002 UJ	0.002 UJ	0.002 U	0.0002 J	NA	0.001 UJ
DHP-S04-04	260-S04-106	4	NA	1/27/1995	>250	25	36.5 -	ND	0.0005 UJ	0.002 UJ	0.002 UJ	0.002 UJ	NA	NA
DHP-S04-06	260-S04-249	4	NA	1/24/1995	>250	48	49 -	NA	0.0005 U	0.002 U	0.002 U	0.002 UJ	NA	NA
DHP-S04-07	260-S04-253	4	NA	1/18/1995	>250	33	50 -	NA	0.0005 UJ	0.002 UJ	0.002 U	0.0008 J	NA	NA
DHP-S04-08	260-S04-256	4	NA	1/23/1995	>250	71	43.5 -	NA	0.0005 UJ	0.002 UJ	0.002 U	0.002 UJ	NA	NA
DHP-S04-09	260-S04-260	4	NA	1/25/1995	>250	9	50 -	NA	0.0005 U	0.002 U	0.002 U	0.002 U	NA	NA
DHP-S07B-01	280-S7B11-083	21	NA	8/4/1994	249	118	28.5 -	0.52	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.006 UJ
DHP-S07B-02	280-S7B11-084	21	3A	8/4/1994	>250	8	26.3 -	1	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.0024 U
DHP-S07B-02	280-S7B11-085	21	3A	8/4/1994	>250	8	26.3 - 0	0.85	0.001 U	0.001 U	0.001 U	0.001 U	NA	NA
DHP-S11-01	280-S7B11-086	11	11A	8/3/1994	285	41	24 -	**1.82**	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.0012 U
DHP-S11-02	280-S7B11-087	11	11A	8/3/1994	653	75	24.8 -	1.22	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.0012 U
G04-01	G04-01	4	NA	9/9/1991	>250	142	0 -	NA	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.002 UJ
G04-02	G04-02	4	NA	9/9/1991	>250	96	0 -	NA	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ	NA	0.002 UJ
G04-02	G04-02-DUP	4	NA	9/9/1991	>250	96	0 - 0	NA	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ	NA	NA
G04-03	G04-03	4	NA	9/9/1991	>250	177	0 -	NA	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.002 UJ

TABLE H-7-1: GROUNDWATER ANALYTICAL DATA - SITES 3, 4, 11, AND 21

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

Point Name	Sample Idenfication	Site	CAA	Sampling Date	Approximate Distance from Shoreline (feet)	Approximate Distance to Storm Drain (feet)	Sampling Depth (feet bgs)	Concentration (mg/L)						
								TTPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
G04-04	G04-04	4	NA	9/6/1991	>250	175	0 -	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.0025 J
G04-05	G04-05	4	NA	9/9/1991	>250	80	0 -	NA	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.0022
G04-06	G04-06	4	NA	9/9/1991	>250	66	0 -	NA	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ	NA	0.002 U
G04-07	G04-07	4	NA	9/10/1991	>250	87	0 -	NA	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ	NA	0.002 U
G04-08	G04-08	4	NA	9/10/1991	>250	142	0 -	NA	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ	NA	0.002 U
G04-09	G04-09	4	NA	9/9/1991	>250	140	0 -	NA	0.001 UJ	0.001 UJ	0.001 UJ	0.001 UJ	NA	**0.0307**
HP-S04-01	260-S04-102	4	NA	2/14/1994	>250	18	20 -	0.94	0.02 U	0.02 U	0.02 U	0.02 U	NA	0.001 UJ
HP-S04-01	260-S04-103	4	NA	2/14/1994	>250	18	20 - 0	0.84	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
HP-S04-02	260-S04-104	4	NA	2/14/1994	>250	2	20 -	0.67	0.017 U	0.017 U	0.017 U	0.017 U	NA	0.001 UJ
HP-S04-06	260-S04-248	4	NA	1/24/1995	>250	45	34 -	NA	0.0005 UJ	0.002 UJ	0.002 U	0.002 UJ	NA	NA
HP-S04-07	260-S04-252	4	NA	1/18/1995	>250	30	30 -	NA	0.0005 UJ	0.002 UJ	0.002 U	0.002 UJ	NA	NA
HP-S04-08	260-S04-255	4	NA	1/20/1995	>250	71	30 -	NA	0.0005 U	0.002 U	0.002 U	0.002 UJ	NA	NA
HP-S04-09	260-S04-259	4	NA	1/25/1995	>250	9	32 -	NA	0.0005 U	0.002 U	0.002 U	0.002 U	NA	NA
IW-01	SITE11-21-036	4	NA	9/12/2002	>250	59	-	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.2 U
M03-04	108-S03-001	3	3B	11/3/1997	899	116	3 - 11	6.2	**0.76 J**	**0.15 J**	0.46 J	0.19 J	NA	0.0037 UJ
M03-04	108-S03-004	3	3B	2/10/1998	899	116	3 - 11	8.51	**0.74**	**0.2**	0.41	0.3	NA	0.0066
M03-04	108-S03-007	3	3B	5/11/1998	899	116	3 - 11	8.77	**0.82**	**0.65**	0.44	1.1	NA	**0.0212**
M03-04	108-S03-010	3	3B	8/4/1998	899	116	3 - 11	9.4	**0.65 J**	**0.2**	0.45	1.2 J	NA	**0.0163**
M03-04	280-S03-059	3	3B	12/15/1994	899	116	3 - 11	0.64	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.0011 J
M03-04	280-S03-060	3	3B	2/7/1995	899	116	3 - 11	5.06	**0.42**	**0.42**	0.048	0.33	NA	0.0059 UJ
M03-04	280-S03-061	3	3B	6/9/1995	899	116	3 - 11	17.8	**0.82**	**2.1**	0.29	1.5	NA	**0.0309**
M03-04	280-S03-062	3	3B	8/4/1995	899	116	3 - 11	10.6	**1.1**	**2.3**	0.17	1.5	NA	**0.0196**
M03-04	385-S03-043	3	NA	6/27/2001	>250	116	3 - 11	4.46	**0.48 J**	0.02 UJ	0.11 J	0.32 J	0.05 UJ	NA
M03-04	M03-04-A1086	3	NA	6/20/2002	>250	116	3 - 11	4.596	**0.44**	0.011	0.15	0.492	0.0017 U	**0.058**
M03-04	M03-04-A1087	3	NA	6/20/2002	>250	116	3 - 11	4.581	**0.48**	0.0097	0.14	0.443	0.002 U	**0.055**
M03-04	M03-04-A1298	3	NA	9/6/2002	>250	116	3 - 11	3.2	**0.55**	0.0012 J	0.077	0.0537	0.0017 U	NA
M03-04	M03-04-A1299	3	NA	9/6/2002	>250	116	3 - 11	3.2	**0.55**	0.0013 J	0.083	0.0571	0.0017 U	NA
M03-04	M03-04-A1587	3	NA	12/10/2002	>250	116	3 - 11	2.1	**0.29**	0.0006	0.015	0.0184	0.001 U	**0.021**
M03-04	M03-04-A1588	3	NA	12/10/2002	>250	116	3 - 11	1.9	**0.23**	0.0005	0.011	0.0162	0.0007 U	**0.023**
M03-04	M03-04-A1951	3	NA	4/14/2003	>250	116	3 - 11	2.963	**0.3**	0.0013	0.038	0.0368	0.001 U	NA
M03-05	108-S03-002	4	3C	11/3/1997	781	82	3 - 13	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0007 UJ
M03-05	108-S03-005	4	3C	2/6/1998	781	82	3 - 13	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0006 U
M03-05	108-S03-008	4	3C	5/11/1998	781	82	3 - 13	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0012 UJ
M03-05	108-S03-011	4	3C	8/4/1998	781	82	3 - 13	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0017 U
M03-05	280-S03-063	4	3C	12/8/1994	781	82	3 - 13	1.33	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.0015 U
M03-05	280-S03-064	4	3C	2/7/1995	781	82	3 - 13	1.16	0.001 U	0.003	0.001 U	0.002	NA	0.001 U
M03-05	280-S03-065	4	3C	6/7/1995	781	82	3 - 13	0.96	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0013 U
M03-05	280-S03-066	4	3C	8/1/1995	781	82	3 - 13	1.33	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0011 U
M03-05	280-S03-067	4	3C	8/1/1995	781	82	3 - 13	1.42	0.0005 U	0.001 U	0.001 U	0.001 U	NA	NA
M03-05	385-S03-044	4	NA	6/27/2001	>250	82	3 - 13	0.67	**0.007**	0.002 U	0.0009 J	0.002	0.005 U	NA
M03-05	M03-05-A1088	4	NA	7/3/2002	>250	82	3 - 13	ND	0.0005 U	0.0002 J	0.0005 U	0.001 U	0.0005 U	7E-05 UJ
M03-05	M03-05-A1589	4	NA	12/9/2002	>250	82	3 - 13	0.04	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	0.0011 U
M03-06	280-S03-068	4	NA	12/8/1994	>250	201	3 - 12	2.1	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.0015 U
M03-06	280-S03-069	4	NA	2/7/1995	>250	201	3 - 12	0.98	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U
M03-06	280-S03-070	4	NA	6/5/1995	>250	201	3 - 12	0.99	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0039 U
M03-06	280-S03-071	4	NA	8/2/1995	>250	201	3 - 12	1.52	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0055 U
M03-06	385-S03-045	4	NA	6/27/2001	>250	201	3 - 12	0.08	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
M03-06	M03-06-A1089	4	NA	7/3/2002	>250	201	3 - 12	ND	0.0005 U	0.0002 J	0.0005 U	0.001 U	0.0001 U	0.0003 J

TABLE H-7-1: GROUNDWATER ANALYTICAL DATA - SITES 3, 4, 11, AND 21

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

								Concentration (mg/L)						
Point Name	Sample Idenfication	Site	CAA	Sampling Date	Approximate Distance from Shoreline (feet)	Approximate Distance to Storm Drain (feet)	Sampling Depth (feet bgs)	TTPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
M03-06	M03-06-A1300	4	NA	9/6/2002	>250	201	3 - 12	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	1E-04 U
M03-06	M03-06-A1590	4	NA	12/11/2002	>250	201	3 - 12	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	0.0002 U
M03-06	M03-06-A1952	4	NA	4/11/2003	>250	201	3 - 12	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
M03-06	M03-06-A1953	4	NA	4/11/2003	>250	201	3 - 12	ND	0.0002 J	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
M03-07	108-S03-003	3	3C	11/3/1997	1518	53	3 - 13	ND	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0007 UJ
M03-07	108-S03-006	3	3C	2/6/1998	1518	53	3 - 13	ND	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0028 UJ
M03-07	108-S03-009	3	3C	5/11/1998	1518	53	3 - 13	0.03	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0034 UJ
M03-07	108-S03-012	3	3C	8/4/1998	1518	53	3 - 13	ND	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0017 U
M03-07	280-S03-095	3	3C	12/15/1994	1518	53	3 - 13	9.5	**0.036**	0.001 U	0.001 U	0.079	NA	0.0079
M03-07	280-S03-112	3	3C	2/8/1995	1518	53	3 - 13	ND	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U
M03-07	280-S03-113	3	3C	6/6/1995	1518	53	3 - 13	0.49	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0013 U
M03-07	280-S03-114	3	3C	8/2/1995	1518	53	3 - 13	0.32	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0011 U
M03-07	385-S03-046	3	NA	6/29/2001	1518	53	3 - 13	0.39	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
M03-07	M03-07-A1090	3	NA	6/21/2002	1518	53	3 - 13	ND	0.0005 U	0.001	0.0002 U	0.001 U	0.0001 J	0.001 J
M03-07	M03-07-A1591	3	NA	12/11/2002	1518	53	3 - 13	ND	0.0005 U	0.0002	0.0005 U	0.001 U	0.0005 U	0.0014
M03-08A	280-S03-097	3	3B	12/9/1994	1083	3	3 - 13	0.56	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.02 U
M03-08A	280-S03-118	3	3B	2/9/1995	1083	3	3 - 13	0.58	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U
M03-08A	280-S03-119	3	3B	6/6/1995	1083	3	3 - 13	0.491	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0039 U
M03-08A	280-S03-120	3	3B	8/4/1995	1083	3	3 - 13	0.61	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0022 U
M03-08A	385-S03-047	3	NA	6/28/2001	>250	3	3 - 13	0.29	0.003 U	0.01 U	0.01 U	0.01 U	0.025 U	NA
M03-09	M03-09-A1301	3	NA	9/6/2002	>250	120	21 - 33	ND	0.0006 J	0.0017 U	0.0008 J	0.0016 J	0.0005 U	0.0003 U
M03-09	M03-09-A1733	3	NA	12/13/2002	>250	120	21 - 33	0.1	0.0009	0.0005 U	0.0017	0.0037	0.0005 U	0.0007
M03-09	M03-09-A1954	3	NA	4/11/2003	>250	120	21 - 33	0.065	0.0005	0.0005 U	0.0015	0.0038	0.0005 U	NA
M03-10	M03-10-A1302	4	NA	9/6/2002	>250	122	28 - 38	ND	0.013 U	0.013 U	0.004 J	0.015	0.013 U	9E-05 U
M03-10	M03-10-A1734	4	NA	12/13/2002	>250	122	28 - 38	0.042	0.0025 U	0.0025 U	0.0025 U	0.005 U	0.0025 U	0.0003
M03-10	M03-10-A1955	4	NA	4/11/2003	>250	122	28 - 38	0.072	0.005 U	0.005 U	0.005 U	0.01 U	0.005 U	NA
M03-11	M03-11-A1303	4	NA	9/9/2002	>250	45	26 - 36	ND	0.036 U	0.011 J	0.036 U	0.0091 J	0.011 U	NA
M03-11	M03-11-A1735	4	NA	12/13/2002	>250	45	26 - 36	0.022	0.17 U	0.17 U	0.17 U	0.34 U	0.17 U	NA
M03-11	M03-11-A1956	4	NA	4/11/2003	>250	45	26 - 36	ND	0.0005 U	0.0001 J	0.0005 U	0.001 U	0.0005 U	NA
M03-12	M03-12-A1304	4	NA	9/9/2002	>250	264	26 - 36	ND	0.0002 J	0.0005 U	0.0005 U	0.001 U	0.0001 U	2E-05 U
M03-12	M03-12-A1736	4	NA	12/13/2002	>250	264	26 - 36	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	0.0003
M03-12	M03-12-A1957	4	NA	4/11/2003	>250	264	26 - 36	ND	0.0004 J	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
M03-13	M03-13-A1305	4	NA	9/9/2002	>250	28	26.5 - 36.5	ND	0.0063 U	0.0063 U	0.0063 U	0.0126 U	0.0016 J	0.003 U
M03-13	M03-13-A1737	4	NA	12/13/2002	>250	28	26.5 - 36.5	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	0.0002
M03-13	M03-13-A1958	4	NA	4/11/2003	>250	28	26.5 - 36.5	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
M04-05	108-S04-001	4	NA	11/3/1997	>250	61	3.5 - 13.5	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0007 UJ
M04-05	108-S04-013	4	NA	2/9/1998	>250	61	3.5 - 13.5	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0006 U
M04-05	108-S04-022	4	NA	5/5/1998	>250	61	3.5 - 13.5	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0009 U
M04-05	108-S04-033	4	NA	8/4/1998	>250	61	3.5 - 13.5	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0011 U
M04-05	260-S04-089	4	NA	7/5/1994	>250	61	3.5 - 13.5	ND	0.0005 U	0.002 U	0.002 U	0.0002 J	NA	0.0008 U
M04-05	260-S04-090	4	NA	9/26/1994	>250	61	3.5 - 13.5	ND	0.0005 UJ	0.0003 J	0.002 U	0.002 U	NA	0.0008 U
M04-05	260-S04-091	4	NA	1/24/1995	>250	61	3.5 - 13.5	0.2	0.0005 UJ	0.002 UJ	0.002 U	0.002 U	NA	0.0017 UJ
M04-05	260-S04-092	4	NA	4/25/1995	>250	61	3.5 - 13.5	ND	0.0005 U	0.0002 J	0.002 U	0.002 U	NA	0.0008 U
M04-05	260-S04-093	4	NA	4/25/1995	>250	61	3.5 - 13.5	ND	0.0001 J	0.0003 J	0.0005 U	0.0005 U	NA	NA
M04-05	385-S04-101	4	NA	7/10/2001	>250	61	3.5 - 13.5	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
M04-05	385-S04-102	4	NA	7/10/2001	>250	61	3.5 - 13.5	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
M04-05	385-S04-103	4	NA	7/10/2001	>250	61	3.5 - 13.5	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
M04-05	385-S04-104	4	NA	7/10/2001	>250	61	3.5 - 13.5	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA

TABLE H-7-1: GROUNDWATER ANALYTICAL DATA - SITES 3, 4, 11, AND 21

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

								Concentration (mg/L)						
Point Name	Sample Idenfication	Site	CAA	Sampling Date	Approximate Distance from Shoreline (feet)	Approximate Distance to Storm Drain (feet)	Sampling Depth (feet bgs)	TTPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
M04-05	385-S04-127	4	NA	7/16/2001	>250	61	3.5 - 13.5	0.66	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
M04-05	M04-05-A1091	4	NA	6/21/2002	>250	61	3.5 - 13.5	0.97	0.0005 U	0.0005 U	0.0002 U	0.001 U	0.0001 U	0.003 U
M04-05	M04-05-A1306	4	NA	9/9/2002	>250	61	3.5 - 13.5	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0001 U	5E-05 U
M04-05	M04-05-A1592	4	NA	12/9/2002	>250	61	3.5 - 13.5	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	0.0006 U
M04-05	M04-05-A1959	4	NA	4/14/2003	>250	61	3.5 - 13.5	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
M04-06	108-S04-002	4	NA	11/3/1997	>250	113	3.5 - 13.5	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0007 UJ
M04-06	108-S04-014	4	NA	2/9/1998	>250	113	3.5 - 13.5	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0053 UJ
M04-06	108-S04-023	4	NA	5/6/1998	>250	113	3.5 - 13.5	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0009 U
M04-06	108-S04-034	4	NA	8/4/1998	>250	113	3.5 - 13.5	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0017 U
M04-06	260-S04-094	4	NA	6/30/1994	>250	113	3.5 - 13.5	ND	0.0005 U	0.002 U	0.002 U	0.002	NA	0.0008 U
M04-06	260-S04-095	4	NA	9/23/1994	>250	113	3.5 - 13.5	ND	0.0005 U	0.002 U	0.002 U	0.002 U	NA	0.0008 U
M04-06	260-S04-096	4	NA	1/23/1995	>250	113	3.5 - 13.5	ND	0.0005 U	0.002 U	0.002 U	0.002 U	NA	0.0009 UJ
M04-06	260-S04-097	4	NA	4/26/1995	>250	113	3.5 - 13.5	ND	0.0005 U	0.002 U	0.002 U	0.002 U	NA	0.0008 U
M04-06	385-S04-128	4	NA	7/2/2001	>250	113	3.5 - 13.5	ND	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
M04-06	385-S04-901	4	NA	7/2/2001	>250	113	3.5 - 13.5	ND	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
M04-06	M04-06-A1092	4	NA	6/21/2002	>250	113	3.5 - 13.5	ND	0.0005 U	0.0005 U	0.0005 UJ	0.001 U	0.0005 UJ	0.0008 J
M04-06	M04-06-A1593	4	NA	12/11/2002	>250	113	3.5 - 13.5	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	0.0003 U
M04-07	108-S04-003	4	NA	11/3/1997	>250	95	3.5 - 13.5	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0007 UJ
M04-07	108-S04-015	4	NA	2/9/1998	>250	95	3.5 - 13.5	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0006 U
M04-07	108-S04-024	4	NA	5/5/1998	>250	95	3.5 - 13.5	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0009 U
M04-07	108-S04-035	4	NA	8/4/1998	>250	95	3.5 - 13.5	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0017 U
M04-07	260-S04-098	4	NA	7/6/1994	>250	95	3.5 - 13.5	0.043	0.0005 U	0.002 U	0.002 U	0.002 U	NA	0.0008 U
M04-07	260-S04-099	4	NA	9/27/1994	>250	95	3.5 - 13.5	ND	0.0005 U	0.002 U	0.002 U	0.002 U	NA	0.0009 UJ
M04-07	260-S04-100	4	NA	1/25/1995	>250	95	3.5 - 13.5	ND	0.0008 U	0.003 U	0.003 U	0.003 U	NA	0.001 UJ
M04-07	260-S04-101	4	NA	4/24/1995	>250	95	3.5 - 13.5	ND	0.0005 U	0.002 U	0.002 U	0.002 U	NA	0.0027 UJ
M04-07	385-S04-129	4	NA	7/2/2001	>250	95	3.5 - 13.5	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
M04-07	385-S04-129A	4	NA	7/25/2001	>250	95	3.5 - 13.5	0.33	NA	NA	NA	NA	NA	NA
M07B-01	108-S21-001	21	NA	11/5/1997	248	124	4 - 11	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0007 U
M07B-01	108-S21-002	21	NA	2/13/1998	248	124	4 - 11	NA	0.0005 UJ	0.001 UJ	0.001 UJ	0.001 UJ	NA	0.0006 U
M07B-01	108-S21-003	21	NA	5/13/1998	248	124	4 - 11	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0005 UJ
M07B-01	108-S21-004	21	NA	8/7/1998	248	124	4 - 11	NA	0.0005 UJ	0.001 UJ	0.001 UJ	0.001 UJ	NA	0.0017 U
M07B-01	280-S7B11-051	21	NA	11/1/1994	248	124	4 - 11	0.37	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.0015 U
M07B-01	280-S7B11-053	21	NA	6/16/1995	248	124	4 - 11	0.27	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0013 U
M07B-01	280-S7B11-054	21	NA	8/23/1995	248	124	4 - 11	ND	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0011 U
M07B-01	385-S21-023	21	NA	6/26/2001	248	124	4 - 11	ND	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
M07B-01	M07B-01	21	NA	8/21/1991	248	124	4 - 11	NA	**0.0015**	0.001 U	0.001 U	0.001 U	NA	0.002 U
M07B-01	M07B-01-A1093	21	NA	6/20/2002	248	124	4 - 11	ND	0.0005 U	0.0005 U	0.0002 U	0.001 U	0.0002 UJ	0.0001 J
M07B-01	M07B-01-A1307	21	NA	9/6/2002	248	124	4 - 11	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0002 U	NA
M07B-01	M07B-01-A1594	21	NA	12/9/2002	248	124	4 - 11	0.012	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	0.0004 U
M07B-01	M07B-01-A1960	21	NA	4/14/2003	248	124	4 - 11	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
M07B-01	M07B-01-DUP	21	NA	8/21/1991	248	124	4 - 11	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	NA
M11-01	108-S11-003	11	11A	11/5/1997	324	22	4 - 9.5	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0007 U
M11-01	108-S11-006	11	11A	2/6/1998	324	22	4 - 9.5	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0006 U
M11-01	108-S11-011	11	11A	5/12/1998	324	22	4 - 9.5	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0005 U
M11-01	108-S11-016	11	11A	8/7/1998	324	22	4 - 9.5	NA	0.0005 UJ	0.001 UJ	0.001 UJ	0.001 UJ	NA	0.0017 U
M11-01	280-S7B11-055	11	11A	10/26/1994	324	22	4 - 9.5	0.98	**0.002**	0.001 U	0.001 U	0.001	NA	0.0015 U
M11-01	280-S7B11-056	11	11A	2/14/1995	324	22	4 - 9.5	0.83	**0.002**	0.001 U	0.001 U	0.001 U	NA	0.001 U
M11-01	280-S7B11-057	11	11A	6/16/1995	324	22	4 - 9.5	0.92	**0.001**	0.001 U	0.001 U	0.0008 J	NA	0.0013 U

TABLE H-7-1: GROUNDWATER ANALYTICAL DATA - SITES 3, 4, 11, AND 21

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

								Concentration (mg/L)						
Point Name	Sample Idenfication	Site	CAA	Sampling Date	Approximate Distance from Shoreline (feet)	Approximate Distance to Storm Drain (feet)	Sampling Depth (feet bgs)	TTPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
M11-01	280-S7B11-058	11	11A	8/23/1995	324	22	4 - 9.5	0.93	**0.002**	0.001 U	0.001 U	0.001 U	NA	0.0011 U
M11-01	385-S11-006	11	11A	7/2/2001	324	22	4 - 9.5	0.44	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
M11-01	M11-01	11	11A	8/22/1991	324	22	4 - 9.5	NA	0.002 U	0.002 U	0.002 U	0.002 U	NA	0.002 U
M11-01	M11-01-A1094	11	11A	6/21/2002	324	22	4 - 9.5	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	9E-05 U
M11-01	M11-01-A1308	11	11A	9/6/2002	324	22	4 - 9.5	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
M11-01	M11-01-A1595	11	11A	12/9/2002	324	22	4 - 9.5	0.013	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	0.0008 U
M11-01	M11-01-A1961	11	11A	4/11/2003	324	22	4 - 9.5	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
M11-01	M11-01-A1962	11	11A	4/11/2003	324	22	4 - 9.5	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
M11-02	108-S11-004	11	11A	11/5/1997	567	32	4 - 9.5	NA	0.0005 UJ	0.001 UJ	0.001 UJ	0.001 UJ	NA	0.0009 UJ
M11-02	108-S11-007	11	11A	2/9/1998	567	32	4 - 9.5	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0006 U
M11-02	108-S11-012	11	11A	5/12/1998	567	32	4 - 9.5	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0005 U
M11-02	108-S11-017	11	11A	8/7/1998	567	32	4 - 9.5	NA	0.0005 UJ	0.001 UJ	0.001 UJ	0.001 UJ	NA	0.0017 U
M11-02	280-S7B11-059	11	11A	10/26/1994	567	32	4 - 9.5	**1.8**	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.0015 U
M11-02	280-S7B11-060	11	11A	2/14/1995	567	32	4 - 9.5	0.53	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U
M11-02	280-S7B11-061	11	11A	6/19/1995	567	32	4 - 9.5	0.49	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0013 U
M11-02	280-S7B11-062	11	11A	6/19/1995	567	32	4 - 9.5	0.44	0.0005 UJ	0.001 UJ	0.001 UJ	0.001 UJ	NA	NA
M11-02	280-S7B11-063	11	11A	8/25/1995	567	32	4 - 9.5	0.35	0.0009	0.001 U	0.001 U	0.001 U	NA	0.0011 U
M11-02	385-S11-007	11	11A	7/2/2001	567	32	4 - 9.5	ND	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
M11-02	M11-02	11	11A	8/22/1991	567	32	4 - 9.5	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.002 U
M11-03	280-S7B11-064	11	11A	11/1/1994	291	46	4 - 9.5	1.17	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.0015 U
M11-03	280-S7B11-065	11	11A	2/15/1995	291	46	4 - 9.5	1.1	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U
M11-03	280-S7B11-066	11	11A	6/19/1995	291	46	4 - 9.5	0.72	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0013 U
M11-03	280-S7B11-066T	11	11A	6/20/1995	291	46	4 - 9.5	NA	NA	NA	NA	NA	NA	0.0013 U
M11-03	280-S7B11-067	11	11A	8/28/1995	291	46	4 - 9.5	0.86	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0011 U
M11-03	385-S11-008	11	11A	7/3/2001	291	46	4 - 9.5	ND	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
M11-03	M11-03	11	11A	8/22/1991	291	46	4 - 9.5	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.002 U
M11-04	280-S7B11-068	11	11A	11/4/1994	476	72	5 - 12	ND	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.0015 U
M11-04	280-S7B11-069	11	11A	2/15/1995	476	72	5 - 12	ND	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U
M11-04	280-S7B11-070	11	11A	6/19/1995	476	72	5 - 12	0.26	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0013 U
M11-04	280-S7B11-071	11	11A	8/25/1995	476	72	5 - 12	ND	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0011 U
M11-04	385-S11-009	11	11A	7/3/2001	476	72	5 - 12	ND	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
M11-04	M11-04	11	11A	8/22/1991	476	72	5 - 12	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.0027
M11-04	M11-04-A1095	11	11A	6/20/2002	476	72	5 - 12	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0002 UJ	0.0001 J
M11-04	M11-04-A1309	11	11A	9/6/2002	476	72	5 - 12	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0002 U	NA
M11-04	M11-04-A1596	11	11A	12/9/2002	476	72	5 - 12	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0003	0.0007 U
M11-04	M11-04-A1963	11	11A	4/11/2003	476	72	5 - 12	0.08	0.0025 U	0.0025 U	0.0025 U	0.005 U	**1.7**	NA
M11-05	108-S11-001	11	11A	11/5/1997	205	35	4 - 14	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0007 U
M11-05	108-S11-008	11	11A	2/6/1998	205	35	4 - 14	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0006 U
M11-05	108-S11-009	11	11A	2/6/1998	205	35	4 - 14	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	NA
M11-05	108-S11-013	11	11A	5/12/1998	205	35	4 - 14	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0005 U
M11-05	108-S11-018	11	11A	8/7/1998	205	35	4 - 14	NA	0.0005 UJ	0.001 UJ	0.001 UJ	0.001 UJ	NA	0.0017 U
M11-05	280-S7B11-072	11	11A	10/26/1994	205	35	4 - 14	**1.91**	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.0015 U
M11-05	280-S7B11-073	11	11A	10/26/1994	205	35	4 - 14	**1.43**	0.001 U	0.001 U	0.001 U	0.001 U	NA	NA
M11-05	280-S7B11-074	11	11A	2/15/1995	205	35	4 - 14	0.99	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U
M11-05	280-S7B11-075	11	11A	6/19/1995	205	35	4 - 14	0.93	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0013 U
M11-05	280-S7B11-076	11	11A	8/28/1995	205	35	4 - 14	0.98	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0038
M11-05	385-S11-010	11	11A	7/3/2001	205	35	4 - 14	0.7	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
M11-05	385-S11-901	11	11A	7/3/2001	205	35	4 - 14	ND	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA

TABLE H-7-1: GROUNDWATER ANALYTICAL DATA - SITES 3, 4, 11, AND 21

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

Point Name	Sample Idenfication	Site	CAA	Sampling Date	Approximate Distance from Shoreline (feet)	Approximate Distance to Storm Drain (feet)	Sampling Depth (feet bgs)	Concentration (mg/L)						
								TTPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
M11-05	M11-05-A1096	11	11A	6/20/2002	205	35	4 - 14	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0002 U	5E-05 J
M11-05	M11-05-A1310	11	11A	9/9/2002	205	35	4 - 14	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0001 U	NA
M11-05	M11-05-A1597	11	11A	12/9/2002	205	35	4 - 14	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	0.0015 U
M11-05	M11-05-A1964	11	11A	4/11/2003	205	35	4 - 14	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
M11-06	108-S11-002	21	NA	11/5/1997	220	9	4 - 14	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0007 U
M11-06	108-S11-010	21	NA	2/6/1998	220	9	4 - 14	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0006 U
M11-06	108-S11-014	21	NA	5/12/1998	220	9	4 - 14	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0069 UJ
M11-06	108-S11-015	21	NA	5/12/1998	220	9	4 - 14	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	NA
M11-06	108-S11-019	21	NA	8/7/1998	220	9	4 - 14	NA	0.0005 UJ	0.001 UJ	0.001 UJ	0.001 UJ	NA	0.0017 U
M11-06	108-S11-020	21	NA	8/7/1998	220	9	4 - 14	NA	0.0005 UJ	0.001 UJ	0.001 UJ	0.001 UJ	NA	**0.0083**
M11-06	280-S7B11-117	21	NA	11/29/1994	220	9	4 - 14	ND	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.0015 U
M11-06	280-S7B11-154	21	NA	2/16/1995	220	9	4 - 14	ND	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U
M11-06	280-S7B11-155	21	NA	6/19/1995	220	9	4 - 14	0.32	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0013 U
M11-06	280-S7B11-156	21	NA	8/29/1995	220	9	4 - 14	ND	0.0006	0.001 U	0.001 U	0.001 U	NA	0.0011 U
M11-06	385-S11-011	21	NA	7/3/2001	220	9	4 - 14	ND	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
M11-06	M11-06-A1097	21	NA	6/20/2002	220	9	4 - 14	ND	0.0002 J	0.0005 U	0.0002 U	0.001 U	0.0002 UJ	0.0003 J
M11-06	M11-06-A1098	21	NA	6/20/2002	220	9	4 - 14	ND	0.0002 J	0.0005 U	0.0002 U	0.001 U	0.0002 U	0.0003 J
M11-06	M11-06-A1311	21	NA	9/9/2002	220	9	4 - 14	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0002 U	NA
M11-06	M11-06-A1312	21	NA	9/9/2002	220	9	4 - 14	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0002 U	NA
M11-06	M11-06-A1598	21	NA	12/9/2002	220	9	4 - 14	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	0.0007 U
M11-06	M11-06-A1599	21	NA	12/9/2002	220	9	4 - 14	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	0.0006 U
M11-06	M11-06-A1965	21	NA	4/11/2003	220	9	4 - 14	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
MW-01	SITE11-21-037	4	NA	9/12/2002	>250	66	-	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.2 U
MW-02	SITE11-21-038	4	NA	9/12/2002	>250	62	-	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.2 U
MW-03	SITE11-21-039	4	NA	9/12/2002	>250	77	-	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.2 U
MW-04	SITE11-21-040	4	NA	9/12/2002	>250	74	-	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.2 U
MW360-1	108-S04-005	4	NA	11/7/1997	>250	12	5 - 15	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0007 U
MW360-1	108-S04-016	4	NA	2/9/1998	>250	12	5 - 15	NA	0.012 U	0.025 U	0.025 U	0.025 U	NA	0.0006 U
MW360-1	108-S04-025	4	NA	5/6/1998	>250	12	5 - 15	NA	0.12 U	0.25 U	0.25 U	0.25 U	NA	0.0009 U
MW360-1	108-S04-036	4	NA	8/4/1998	>250	12	5 - 15	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0017 U
MW360-1	260-S04-070	4	NA	7/6/1994	>250	12	5 - 15	0.623	0.006 U	0.025 U	0.025 U	0.025 U	NA	0.0008 U
MW360-1	260-S04-071	4	NA	7/6/1994	>250	12	5 - 15	0.637	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
MW360-1	260-S04-072	4	NA	9/22/1994	>250	12	5 - 15	0.47	0.062 U	0.25 U	0.25 U	0.25 U	NA	0.002 UJ
MW360-1	260-S04-073	4	NA	1/23/1995	>250	12	5 - 15	0.59	NA	NA	NA	NA	NA	NA
MW360-1	260-S04-073	4	NA	1/24/1995	>250	12	5 - 15	NA	0.012 U	0.05 U	0.05 U	0.05 U	NA	0.0008 U
MW360-1	260-S04-074	4	NA	4/24/1995	>250	12	5 - 15	0.67	**0.022 J**	0.039 J	0.33 U	0.33 U	NA	0.0008 U
MW360-1	385-S04-077	4	NA	7/9/2001	>250	12	5 - 15	NA	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U	NA
MW360-1	385-S04-078	4	NA	7/9/2001	>250	12	5 - 15	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
MW360-1	385-S04-079	4	NA	7/9/2001	>250	12	5 - 15	NA	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U	NA
MW360-1	385-S04-080	4	NA	7/9/2001	>250	12	5 - 15	NA	0.02 U	0.02 U	0.02 U	0.04 U	0.02 U	NA
MW360-1	385-S04-081	4	NA	7/9/2001	>250	12	5 - 15	NA	0.02 U	0.02 U	0.02 U	0.04 U	0.02 U	NA
MW360-1	385-S04-123	4	NA	7/10/2001	>250	12	5 - 15	1	0.003 U	0.01 U	0.01 U	0.01 U	0.025 U	NA
MW360-1	MW-360-01-A1100	4	NA	6/19/2002	>250	12	5 - 15	**2.77**	0.0063 U	0.0063 U	0.0063 U	0.0126 U	0.0063 U	0.0002 U
MW360-1	MW360-1 [07/11/90]	4	NA	7/11/1990	>250	12	5 - 15	NA	0.25 U	0.25 U	0.25 U	0.25 U	NA	**0.082**
MW360-1	MW360-1-A1314	4	NA	9/9/2002	>250	12	5 - 15	0.86	0.005 U	0.005 U	0.005 U	0.01 U	0.0013 U	4E-05 U
MW360-1	MW360-1-A1601	4	NA	12/10/2002	>250	12	5 - 15	1.1	0.0063 U	0.0063 U	0.0063 U	0.0126 U	0.0063 U	0.0004 U
MW360-1	MW360-1-A1967	4	NA	4/11/2003	>250	12	5 - 15	1.06	**0.0047 J**	0.0063 U	0.0063 U	0.0126 U	0.0063 U	NA
MW360-2	108-S04-006	4	NA	11/6/1997	>250	11	5 - 15	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0007 U

TABLE H-7-1: GROUNDWATER ANALYTICAL DATA - SITES 3, 4, 11, AND 21

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

Point Name	Sample Idenfication	Site	CAA	Sampling Date	Approximate Distance from Shoreline (feet)	Approximate Distance to Storm Drain (feet)	Sampling Depth (feet bgs)	Concentration (mg/L)						
								TTPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
MW360-2	108-S04-017	4	NA	2/9/1998	>250	11	5 - 15	NA	0.002 U	0.005 U	0.005 U	0.005 U	NA	0.0006 U
MW360-2	108-S04-026	4	NA	5/6/1998	>250	11	5 - 15	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0005 U
MW360-2	108-S04-037	4	NA	8/4/1998	>250	11	5 - 15	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0017 U
MW360-2	260-S04-075	4	NA	7/5/1994	>250	11	5 - 15	0.49	0.0009	0.05 U	0.05 U	0.05 U	NA	0.0008 U
MW360-2	260-S04-076	4	NA	9/27/1994	>250	11	5 - 15	0.49	0.008 U	0.033 U	0.033 U	0.033 U	NA	0.0008 U
MW360-2	260-S04-077	4	NA	9/27/1994	>250	11	5 - 15	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
MW360-2	260-S04-078	4	NA	1/24/1995	>250	11	5 - 15	0.11	0.025 U	0.1 U	0.1 U	0.1 U	NA	0.0008 U
MW360-2	260-S04-079	4	NA	4/24/1995	>250	11	5 - 15	0.087	0.012 U	0.05 U	0.05 U	0.05 U	NA	0.0008 U
MW360-2	385-S04-083	4	NA	7/10/2001	>250	11	5 - 15	NA	**0.00104**	0.001 U	0.001 U	0.002 U	0.001 U	NA
MW360-2	385-S04-083A	4	NA	7/10/2001	>250	11	5 - 15	NA	**0.001**	0.002 U	0.002 U	0.002 U	0.005 U	NA
MW360-2	385-S04-084	4	NA	7/10/2001	>250	11	5 - 15	NA	**0.0011**	0.001 U	0.001 U	0.002 U	0.001 U	NA
MW360-2	385-S04-085	4	NA	7/10/2001	>250	11	5 - 15	NA	**0.00105**	0.001 U	0.001 U	0.002 U	0.001 U	NA
MW360-2	385-S04-086	4	NA	7/10/2001	>250	11	5 - 15	NA	0.0006 J	0.001 U	0.001 U	0.002 U	0.001 U	NA
MW360-2	385-S04-087	4	NA	7/10/2001	>250	11	5 - 15	NA	**0.00102**	0.001 U	0.001 U	0.002 U	0.001 U	NA
MW360-2	385-S04-087A	4	NA	7/10/2001	>250	11	5 - 15	NA	**0.001**	0.002 U	0.002 U	0.002 U	0.005 U	NA
MW360-2	385-S04-124	4	NA	7/16/2001	>250	11	5 - 15	0.77	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
MW360-2	MW-360-02-A1101	4	NA	6/19/2002	>250	11	5 - 15	0.352	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.0003 U
MW360-2	MW360-2 [07/11/90]	4	NA	7/11/1990	>250	11	5 - 15	NA	0.1 U	0.1 U	0.1 U	0.1 U	NA	0.05 U
MW360-2	MW360-2-A1315	4	NA	9/9/2002	>250	11	5 - 15	0.026	0.0003 J	0.0001 J	0.0005 J	0.0023	0.0002 U	5E-05 U
MW360-2	MW360-2-A1602	4	NA	12/9/2002	>250	11	5 - 15	0.028	0.0007	0.0005 U	0.0005 U	0.001 U	0.0005 U	0.001 U
MW360-2	MW360-2-A1968	4	NA	4/14/2003	>250	11	5 - 15	NA	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
MW360-3	108-S04-007	4	NA	11/3/1997	>250	80	5 - 15	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0007 UJ
MW360-3	108-S04-018	4	NA	2/9/1998	>250	80	5 - 15	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0006 U
MW360-3	108-S04-027	4	NA	5/14/1998	>250	80	5 - 15	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0022 UJ
MW360-3	108-S04-028	4	NA	5/14/1998	>250	80	5 - 15	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	NA
MW360-3	108-S04-038	4	NA	8/5/1998	>250	80	5 - 15	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.003
MW360-3	108-S04-039	4	NA	8/5/1998	>250	80	5 - 15	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	NA
MW360-3	260-S04-080	4	NA	7/1/1994	>250	80	5 - 15	0.096	0.002 UJ	0.002 U	0.002 U	0.002 U	NA	0.0008 UJ
MW360-3	260-S04-080-GF	4	NA	7/1/1994	>250	80	5 - 15	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
MW360-3	260-S04-081	4	NA	9/27/1994	>250	80	5 - 15	ND	0.0005 U	0.002 U	0.002 U	0.002 U	NA	0.0008 U
MW360-3	260-S04-082	4	NA	1/24/1995	>250	80	5 - 15	ND	0.0005 U	0.002 U	0.002 U	0.002 U	NA	0.0008 U
MW360-3	260-S04-083	4	NA	1/24/1995	>250	80	5 - 15	0.11	0.0005 U	0.002 U	0.002 U	0.002 U	NA	NA
MW360-3	260-S04-084	4	NA	4/21/1995	>250	80	5 - 15	ND	0.0005 U	0.002 U	0.002 U	0.002 U	NA	0.0008 U
MW360-3	385-S04-088	4	NA	7/10/2001	>250	80	5 - 15	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
MW360-3	385-S04-089	4	NA	7/10/2001	>250	80	5 - 15	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
MW360-3	385-S04-090	4	NA	7/10/2001	>250	80	5 - 15	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
MW360-3	385-S04-091	4	NA	7/10/2001	>250	80	5 - 15	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
MW360-3	385-S04-092	4	NA	7/10/2001	>250	80	5 - 15	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
MW360-3	385-S04-125	4	NA	7/16/2001	>250	80	5 - 15	0.35	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
MW360-3	MW360-3 [07/10/90]	4	NA	7/10/1990	>250	80	5 - 15	NA	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.05 U
MW360-3	MW360-3-A1102	4	NA	6/19/2002	>250	80	5 - 15	0.34	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	4E-05 U
MW360-3	MW360-3-A1316	4	NA	9/9/2002	>250	80	5 - 15	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0001 U	0.003 U
MW360-3	MW360-3-A1603	4	NA	12/9/2002	>250	80	5 - 15	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	0.0006 U
MW360-3	MW360-3-A1969	4	NA	4/14/2003	>250	80	5 - 15	NA	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
MW360-4	108-S04-008	4	NA	11/6/1997	>250	10	5 - 15	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0007 U
MW360-4	108-S04-019	4	NA	2/9/1998	>250	10	5 - 15	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0006 U
MW360-4	108-S04-029	4	NA	5/6/1998	>250	10	5 - 15	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0007 UJ
MW360-4	108-S04-040	4	NA	8/5/1998	>250	10	5 - 15	NA	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0017 U

TABLE H-7-1: GROUNDWATER ANALYTICAL DATA - SITES 3, 4, 11, AND 21

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

								Concentration (mg/L)						
Point Name	Sample Idenfication	Site	CAA	Sampling Date	Approximate Distance from Shoreline (feet)	Approximate Distance to Storm Drain (feet)	Sampling Depth (feet bgs)	TTPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
MW360-4	260-S04-085	4	NA	7/1/1994	>250	10	5 - 15	1.12	0.083 U	0.33 U	0.33 U	0.002	NA	0.0014 UJ
MW360-4	260-S04-086	4	NA	9/23/1994	>250	10	5 - 15	0.94	0.12 U	0.001	0.5 U	0.0007	NA	0.0008 U
MW360-4	260-S04-087	4	NA	1/23/1995	>250	10	5 - 15	ND	0.012 U	0.05 U	0.05 U	0.05 U	NA	0.0027 UJ
MW360-4	260-S04-088	4	NA	4/25/1995	>250	10	5 - 15	0.97	0.062 U	0.25 U	0.25 U	0.25 U	NA	0.002 UJ
MW360-4	385-S04-095	4	NA	6/27/2001	>250	10	5 - 15	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
MW360-4	385-S04-096	4	NA	6/27/2001	>250	10	5 - 15	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
MW360-4	385-S04-097	4	NA	6/27/2001	>250	10	5 - 15	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
MW360-4	385-S04-098	4	NA	6/27/2001	>250	10	5 - 15	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
MW360-4	385-S04-099	4	NA	6/27/2001	>250	10	5 - 15	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
MW360-4	385-S04-126	4	NA	6/29/2001	>250	10	5 - 15	**1.62**	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
MW360-4	MW360-4 [08/03/90]	4	NA	8/3/1990	>250	10	5 - 15	NA	0.05 U	0.05 U	0.05 U	0.05 U	NA	**0.09**
MW360-4	MW360-4-A1103	4	NA	6/19/2002	>250	10	5 - 15	0.386	0.0013 U	0.0013 U	0.0013 U	0.0026 U	0.0013 U	4E-05 U
MW360-4	MW360-4-A1317	4	NA	9/9/2002	>250	10	5 - 15	ND	0.0001 J	0.0005 U	0.0005 U	0.001 U	0.0001 U	9E-05 U
MW360-4	MW360-4-A1604	4	NA	12/10/2002	>250	10	5 - 15	0.13	0.0007 U	0.0007 U	0.0007 U	0.0014 U	0.0007 U	0.0003 U
MW360-4	MW360-4-A1970	4	NA	4/14/2003	>250	10	5 - 15	0.17	NA	NA	NA	NA	NA	NA
MW97-1	280-S03-045	3	NA	10/14/1994	>250	55	5 - 15	1.2	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.003 U
MW97-1	280-S03-046	3	NA	10/14/1994	>250	55	5 - 15	1.16	0.001 U	0.001 U	0.001 U	0.001 U	NA	NA
MW97-1	280-S03-047	3	NA	2/7/1995	>250	55	5 - 15	0.89	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.001 U
MW97-1	280-S03-048	3	NA	6/8/1995	>250	55	5 - 15	1.1	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0013 U
MW97-1	280-S03-049	3	NA	7/31/1995	>250	55	5 - 15	0.82	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0011 U
MW97-1	385-S03-040	3	NA	6/28/2001	>250	55	5 - 15	0.41	0.003 U	0.01 U	0.01 U	0.01 U	0.025 U	NA
MW97-1	MW97-1 [08/30/90]	3	NA	8/30/1990	>250	55	5 - 15	NA	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.05 U
MW97-2	280-S03-050	3	NA	10/18/1994	>250	3.5	5 - 15	**2.37**	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.0075 U
MW97-2	280-S03-051	3	NA	2/8/1995	>250	3.5	5 - 15	0.64	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.002 U
MW97-2	280-S03-052	3	NA	6/6/1995	>250	3.5	5 - 15	0.82	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0026 U
MW97-2	280-S03-053	3	NA	8/1/1995	>250	3.5	5 - 15	0.49	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0033 U
MW97-2	385-S03-041	3	NA	6/28/2001	>250	3.5	5 - 15	0.72	0.003 U	0.01 U	0.01 U	0.01 U	0.025 U	NA
MW97-2	MW97-2 [08/31/90]	3	NA	8/31/1990	>250	3.5	5 - 15	NA	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.05 U
MW97-3	280-S03-054	3	3C	10/14/1994	1059	88	5 - 15	ND	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.0015 U
MW97-3	280-S03-055	3	3C	2/7/1995	1059	88	5 - 15	ND	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.0011 UJ
MW97-3	280-S03-056	3	3C	6/9/1995	1059	88	5 - 15	0.25	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0013 U
MW97-3	280-S03-057	3	3C	6/9/1995	1059	88	5 - 15	0.29	0.0005 U	0.001 U	0.001 U	0.001 U	NA	NA
MW97-3	280-S03-058	3	3C	8/2/1995	1059	88	5 - 15	0.28	0.0005 U	0.001 U	0.001 U	0.001 U	NA	0.0011 U
MW97-3	385-S03-042	3	3C	6/28/2001	1059	88	5 - 15	ND	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
MW97-3	MW97-3 [08/31/90]	3	3C	10/18/1990	1059	88	5 - 15	NA	0.005 U	0.005 U	0.005 U	0.005 U	NA	0.05 U
MW97-3	MW97-3-A1099	3	3C	7/3/2002	1059	88	5 - 15	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	2E-05 UJ
MW97-3	MW97-3-A1313	3	3C	9/6/2002	1059	88	5 - 15	ND	0.0005 U	0.0005 U	0.0005 J	0.0023	0.0001 U	0.0001 U
MW97-3	MW97-3-A1600	3	3C	12/10/2002	1059	88	5 - 15	0.252	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	0.0002 U
MW97-3	MW97-3-A1966	3	3C	4/14/2003	1059	88	5 - 15	NA	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
OUTFALL G	385-S21-035	21	NA	7/20/2001	0	0	0 -	0.4	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
OUTFALL H	385-S21-034	21	NA	7/20/2001	0	0	0 - 0	0.42	0.0005 U	0.002 U	0.002 U	0.002 U	0.002 J	NA
P-11-MWI-03	SITE11-032	4	NA	9/11/2002	>250	38	-	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.01 U
P-11-MWI-07	SITE11-035	4	NA	9/12/2002	>250	34	-	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.1 U
P-11-MWI-11	SITE11-034	4	NA	9/12/2002	>250	31	-	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	0.2 U
S03-DGS-DP01	385-S03-002	3	3B	7/23/2001	>250	156	7 -	ND	0.001 U	0.0021	0.0011	0.0024	0.001 U	NA
S03-DGS-DP02	385-S03-004	3	NA	7/23/2001	>250	106	7 -	ND	0.001 U	0.0019	0.001 U	0.002	0.001 U	NA
S03-DGS-DP03	385-S03-006	3	3B	7/23/2001	>250	77	5 -	0.77	**0.26**	**0.17**	0.016	0.045	0.001 U	NA
S03-DGS-DP03	385-S03-088	3	3B	8/9/2001	>250	77	10 -	0.19	**0.68**	0.012	0.0019	0.0063	0.001 U	NA

TABLE H-7-1: GROUNDWATER ANALYTICAL DATA - SITES 3, 4, 11, AND 21

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

								Concentration (mg/L)						
Point Name	Sample Idenfication	Site	CAA	Sampling Date	Approximate Distance from Shoreline (feet)	Approximate Distance to Storm Drain (feet)	Sampling Depth (feet bgs)	TTPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
S03-DGS-DP04	385-S03-008	3	3C	7/23/2001	>250	10	4 - 0	ND	0.001 U	0.0022	0.001 U	0.0018	0.001 U	NA
S03-DGS-DP05	385-S03-010	3	NA	7/24/2001	>250	48	10 - 0	ND	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S03-DGS-DP05	385-S03-010A	3	NA	7/24/2001	>250	48	10 - 0	0.76	0.0005 UJ	0.0004 J	0.002 UJ	0.002 UJ	0.005 UJ	NA
S03-DGS-DP07	385-S03-018	3	3C	6/18/2001	>250	50	5 - 5.5	NA	NA	NA	NA	NA	NA	0.0048 UJ
S03-DGS-DP09	385-S03-026	3	NA	6/18/2001	>250	0.07	4.5 - 5	NA	NA	NA	NA	NA	NA	**0.133**
S03-DGS-DP12	385-S03-036	3	NA	6/19/2001	>250	21	6 - 6.5	NA	NA	NA	NA	NA	NA	0.0042
S03-DGS-DP14	385-S03-072	3	NA	8/2/2001	>250	41	3.5 - 5	NA	NA	NA	NA	NA	NA	**0.21**
S03-DGS-DP16	385-S03-143	3	NA	5/10/2002	>250	16	6 - 8	NA	NA	NA	NA	NA	NA	**0.0675**
S03-DGS-DP17	385-S03-139	3	NA	4/23/2002	>250	50	6 -	NA	NA	NA	NA	NA	NA	**0.207**
S03-DGS-DP18	385-S03-140	3	NA	4/23/2002	>250	50	6 -	NA	NA	NA	NA	NA	NA	0.0007 U
S03-DGS-DP19	385-S03-086	3	NA	8/2/2001	>250	1.5	4.5 - 6.5	NA	NA	NA	NA	NA	NA	**0.0323**
S03-DGS-DP20	385-S03-087	3	NA	8/9/2001	>250	54	5 -	6.5	**1.4**	0.0032	0.072	0.002 U	0.001 U	NA
S03-DGS-DP20	385-S03-089	3	NA	8/17/2001	>250	54	10 - 12	0.68	**0.76**	0.001 U	0.0019	0.0027	0.001 U	NA
S03-DGS-DP21	385-S03-090	3	NA	8/17/2001	>250	78	5 - 7	14	**0.042**	0.0025	0.12	0.49	0.001 U	NA
S03-DGS-DP21	385-S03-091	3	NA	8/17/2001	>250	78	10 - 12	0.13	0.001 U	0.0023	0.001 U	0.0049	0.001 U	NA
S03-DGS-DP22	385-S03-092	3	NA	8/17/2001	>250	105	5 - 7	**300**	**4.6**	0.2 U	**2.4**	**11.8**	0.2 U	NA
S03-DGS-DP22	385-S03-093	3	NA	8/17/2001	>250	105	10 - 12	0.5	**0.07 J**	0.0021 J	0.0019 J	0.0031	0.001 U	NA
S03-DGS-DP23	385-S03-094	3	NA	8/20/2001	>250	54	5 - 7	6.9	**3.2**	0.0039	0.027	0.0276	0.001 U	NA
S03-DGS-DP23	385-S03-095	3	NA	8/20/2001	>250	54	10 - 12	0.74	**0.037**	0.0022	0.0012	0.0026	0.001 U	NA
S03-DGS-DP24	385-S03-096	3	NA	8/23/2001	>250	55	5 - 7	**42**	**0.01**	0.0035	0.0017	0.0038	0.001 U	NA
S03-DGS-DP24	385-S03-097	3	NA	8/23/2001	>250	55	12 - 14	0.15	0.001 U	0.0031	0.001 U	0.0014	0.001 U	NA
S03-DGS-DP25	385-S03-098	3	NA	8/23/2001	>250	142	5 - 7	**1000**	**0.55**	0.2 U	0.39	1.2	0.2 U	NA
S03-DGS-DP25	385-S03-099	3	NA	8/23/2001	>250	142	12 - 14	1.5	**0.0093**	0.003	0.002	0.0077	0.001 U	NA
S03-DGS-DP26	385-S03-100	3	NA	8/28/2001	>250	57	8 -	2.9	**0.041**	0.0022	0.0011	0.002 U	0.001 U	NA
S03-DGS-DP26	385-S03-101	3	NA	8/28/2001	>250	57	14 -	0.066	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S03-DGS-DP28	385-S03-109	3	NA	9/10/2001	>250	2	5 -	**1.91**	0.0005 U	0.002 J	0.001 J	0.001 J	0.005 U	NA
S03-DGS-DP29	385-S03-110	3	NA	9/10/2001	>250	30	5 - 7	0.06	0.0005 U	0.001 J	0.002 U	0.0006 J	0.005 U	NA
S03-DGS-DP29	385-S03-901	3	NA	9/10/2001	>250	30	5 - 7	0.04	0.0005 U	0.0009 J	0.002 U	0.0006 J	0.005 U	NA
S03-DGS-DP30	385-S03-111	3	3A	9/10/2001	>250	108	5 - 7	0.99	0.0005 U	0.001 J	0.003	0.001 J	0.005 U	NA
S03-DGS-DP31	385-S03-118	3	NA	9/24/2001	>250	93	6.5 - 7	NA	NA	NA	NA	NA	NA	**0.179**
S03-DGS-DP32	385-S03-127	3	NA	9/24/2001	>250	45	7.5 - 8	NA	NA	NA	NA	NA	NA	0.0037 UJ
S03-DGS-DP33	385-S03-115	3	NA	9/24/2001	>250	22	6.5 - 7	NA	NA	NA	NA	NA	NA	0.0089 UJ
S03-DGS-DP34	385-S03-122	3	NA	9/24/2001	>250	29	6.5 - 7	NA	NA	NA	NA	NA	NA	0.0084 UJ
S03-DGS-DP36	385-S03-129	3	NA	11/6/2001	>250	146	6.5 -	NA	NA	NA	NA	NA	NA	0.0008 U
S03-DGS-DP37	385-S03-131	3	NA	11/6/2001	>250	42	6.5 -	NA	NA	NA	NA	NA	NA	**0.087**
S03-DGS-DP38	385-S03-133	3	NA	2/8/2002	>250	66	6 -	0.33	NA	NA	NA	NA	NA	0.0007 UJ
S03-DGS-DP39	385-S03-135	3	NA	2/8/2002	>250	73	6 -	NA	NA	NA	NA	NA	NA	0.0019 UJ
S03-DGS-DP41	385-S03-141	3	NA	4/23/2002	>250	54	6 -	NA	NA	NA	NA	NA	NA	0.0017 UJ
S04-0-4	122-S04-130	4	NA	2/12/1998	>250	101	15.5 - 20	NA	0.0005 U	0.0013	0.0005 U	0.0005 U	NA	NA
S04-0-4	122-S04-131	4	NA	2/12/1998	>250	101	20 - 25	NA	0.0005 U	0.0012	0.0005 U	0.0005 U	NA	NA
S04-0-4	122-S04-132	4	NA	2/12/1998	>250	101	25 - 30	NA	0.0005 U	0.0011	0.0005 U	0.0005 U	NA	NA
S04-0-4	122-S04-133	4	NA	2/12/1998	>250	101	25 - 30	NA	0.0005 U	0.0016	0.0005 U	0.0005 U	NA	NA
S04-0-4	122-S04-134	4	NA	2/12/1998	>250	101	30 - 35	NA	0.0005 U	0.0007	0.0005 U	0.0005 U	NA	NA
S04-0-4	122-S04-136	4	NA	2/12/1998	>250	101	45 - 50	NA	0.0005 U	0.0019	0.0005 U	0.0005 U	NA	NA
S04-0-4	122-S04-155	4	NA	2/17/1998	>250	101	11.5 - 13.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-0-4	122-S04-156	4	NA	2/17/1998	>250	101	13.5 - 15.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-1-2	122-S04-070	4	NA	1/28/1998	>250	160	5.5 - 7.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-1-3	122-S04-071	4	NA	1/28/1998	>250	186	13.5 - 15.5	NA	0.0005 U	0.0012	0.0005 U	0.0012	NA	NA

TABLE H-7-1: GROUNDWATER ANALYTICAL DATA - SITES 3, 4, 11, AND 21

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

Point Name	Sample Idenfication	Site	CAA	Sampling Date	Approximate Distance from Shoreline (feet)	Approximate Distance to Storm Drain (feet)	Sampling Depth (feet bgs)	Concentration (mg/L)						
								TTPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
S04-1-3	122-S04-072	4	NA	1/28/1998	>250	186	20 - 25	NA	0.0005 U	0.0027	0.002 U	0.0013	NA	NA
S04-1-3	122-S04-073	4	NA	1/28/1998	>250	186	25 - 30	NA	0.0005 U	0.0031	0.0005 U	0.0005 U	NA	NA
S04-1-4	122-S04-074	4	NA	1/29/1998	>250	17	20 - 25	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-1-4	122-S04-075	4	NA	1/29/1998	>250	17	25 - 30	NA	**0.0012**	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-1-4	122-S04-076	4	NA	1/29/1998	>250	17	30 - 35	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-1-4	122-S04-092	4	NA	1/30/1998	>250	17	40 - 45	NA	0.0005 U	0.0012	0.0005 U	0.0005 U	NA	NA
S04-1-4	122-S04-094	4	NA	1/30/1998	>250	17	45 - 50	NA	0.0005 U	0.0011	0.0005 U	0.0005 U	NA	NA
S04-1-4	122-S04-122	4	NA	2/11/1998	>250	17	55 - 60	NA	0.0005 U	0.0015	0.0005 U	0.0005 U	NA	NA
S04-1-4	122-S04-123	4	NA	2/11/1998	>250	17	55 - 60	NA	0.0005 U	0.0024	0.0005 U	0.0005 U	NA	NA
S04-1-4	122-S04-144	4	NA	2/16/1998	>250	17	9.5 - 11.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-1-4	122-S04-145	4	NA	2/16/1998	>250	17	11.5 - 13.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-1-4	122-S04-146	4	NA	2/16/1998	>250	17	13.5 - 15.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-1-6	122-S04-103	4	NA	2/2/1998	>250	9	20 - 25	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-1-6	122-S04-105	4	NA	2/2/1998	>250	9	25 - 30	NA	**0.0013**	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-1-6	122-S04-107	4	NA	2/2/1998	>250	9	30 - 35	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-1-6	122-S04-141	4	NA	2/13/1998	>250	9	40 - 45	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-1-6	122-S04-142	4	NA	2/13/1998	>250	9	45 - 50	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-1-6	122-S04-153	4	NA	2/17/1998	>250	9	11.5 - 13.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-1D-A	BERC-S04-1D-A-7	4	NA	4/8/1997	>250	52	7 -	NA	0.0006	0.016	0.0038	0.0115	NA	NA
S04-1D-A	BERC-S04-1D-A-9	4	NA	4/8/1997	>250	52	9 -	NA	0.0005 U	0.0037	0.00097	0.0032	NA	NA
S04-2-1	122-S04-003	4	NA	1/21/1998	>250	115	5.5 - 7.5	NA	0.0005 U	0.0011	0.0005 U	0.0007	NA	NA
S04-2-2	122-S04-106	4	NA	2/2/1998	>250	64	11.5 - 13.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-2-3	122-S04-005	4	NA	1/27/1998	>250	142	5.5 - 7.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-2-3	122-S04-007	4	NA	1/27/1998	>250	142	9.5 - 11.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-2-3	122-S04-061	4	NA	1/27/1998	>250	142	11 - 13.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-2-3	122-S04-069	4	NA	1/28/1998	>250	142	30 - 35	NA	0.0005 U	0.0022	0.0005 U	0.0014	NA	NA
S04-2-4	122-S04-008	4	NA	1/23/1998	>250	23	15.5 - 20	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-2-4	122-S04-009	4	NA	1/23/1998	>250	23	20 - 25	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-2-4	122-S04-010	4	NA	1/23/1998	>250	23	25 - 30	NA	0.0005 U	0.0011	0.0005 U	0.0018	NA	NA
S04-2-4	122-S04-010	4	NA	1/23/1998	>250	23	25 - 30	NA	0.0004 J	0.0008 J	0.002 U	0.001 J	NA	NA
S04-2-4	122-S04-011	4	NA	1/23/1998	>250	23	30 - 35	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-2-4	122-S04-053	4	NA	1/23/1998	>250	23	30 - 35	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-2-4	122-S04-060	4	NA	1/26/1998	>250	23	40 - 45	NA	0.0005 U	0.0005	0.0005 U	0.0005 U	NA	NA
S04-2-5	122-S04-077	4	NA	1/29/1998	>250	82	20 - 25	NA	0.0005 U	0.0023	0.0005 U	0.0015	NA	NA
S04-2-5	122-S04-078	4	NA	1/29/1998	>250	82	25 - 30	NA	0.0005 U	0.0018	0.0005 U	0.0014	NA	NA
S04-2-5	122-S04-079	4	NA	1/29/1998	>250	82	30 - 35	NA	0.0005 U	0.002	0.0015	0.0005 U	NA	NA
S04-2-5	122-S04-109	4	NA	2/2/1998	>250	82	40 - 45	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-2-5	122-S04-110	4	NA	2/2/1998	>250	82	40 - 45	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-2-5	122-S04-168	4	NA	3/2/1998	>250	82	11.5 - 13.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-2-5	122-S04-170	4	NA	3/2/1998	>250	82	15.5 - 20	NA	0.0005 U	0.0009	0.0005 U	0.0005 U	NA	NA
S04-2-6	122-S04-086	4	NA	1/30/1998	>250	44	20 - 25	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-2-6	122-S04-087	4	NA	1/30/1998	>250	44	25 - 30	NA	0.0005 U	0.001	0.0005 U	0.0005 U	NA	NA
S04-2-6	122-S04-090	4	NA	1/30/1998	>250	44	30 - 35	NA	0.0005 U	0.0014	0.001	0.0017	NA	NA
S04-2-6	122-S04-173	4	NA	3/3/1998	>250	44	11.5 - 13.5	NA	**0.021**	0.0056	0.0024	0.014	NA	NA
S04-2-6	122-S04-174	4	NA	3/3/1998	>250	44	13.5 - 15.5	NA	0.00083	0.0013	0.0005 U	0.0005 U	NA	NA
S04-2-6	122-S04-175	4	NA	3/3/1998	>250	44	15.5 - 20	NA	0.0005 U	0.0025	0.0005 U	0.0005 U	NA	NA
S04-2-7	122-S04-127	4	NA	2/11/1998	>250	127	20 - 25	NA	0.0005 U	0.0014	0.0005 U	0.0005 U	NA	NA
S04-2-7	122-S04-150	4	NA	2/17/1998	>250	127	20 - 25	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA

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Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

								Concentration (mg/L)						
Point Name	Sample Idenfication	Site	CAA	Sampling Date	Approximate Distance from Shoreline (feet)	Approximate Distance to Storm Drain (feet)	Sampling Depth (feet bgs)	TTPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
S04-2-7	122-S04-151	4	NA	2/17/1998	>250	127	25 - 30	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-2-7	122-S04-152	4	NA	2/17/1998	>250	127	30 - 35	NA	0.0005 U	0.002 J	0.0005 U	0.01 U	NA	NA
S04-2-7	122-S04-152	4	NA	2/17/1998	>250	127	30 - 35	NA	**0.002 J**	0.0016	0.01 U	0.0005 U	NA	NA
S04-2-7	122-S04-197	4	NA	3/10/1998	>250	127	15.5 - 20	NA	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
S04-2-7	122-S04-202	4	NA	3/10/1998	>250	127	13.5 - 15.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
S04-2-8	122-S04-198	11	11A	3/10/1998	551	99	20 - 25	NA	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
S04-2-8	122-S04-198	11	11A	3/9/1998	551	99	20 - 25	NA	0.0005 U	0.002 U	0.002 U	0.002 U	NA	NA
S04-2-8	122-S04-199	11	11A	3/10/1998	551	99	20 - 25	NA	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
S04-2-8	122-S04-200	11	11A	3/10/1998	551	99	30 - 35	NA	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
S04-2-8	122-S04-207	11	11A	3/11/1998	551	99	25 - 30	NA	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
S04-2-8	122-S04-207	11	11A	3/9/1998	551	99	25 - 30	NA	0.0005 UJ	0.002 UJ	0.002 UJ	0.002 UJ	NA	NA
S04-2D-A	BERC-S04-2D-A-5.5	4	NA	4/7/1997	>250	26	5.5 -	NA	**0.0011**	0.011	0.00085	0.00249	NA	NA
S04-2D-A	BERC-S04-2D-A-9	4	NA	4/7/1997	>250	26	9 -	NA	**0.0014**	0.013	0.0016	0.0047	NA	NA
S04-2D-B	BERC-S04-2D-B-3	4	NA	4/7/1997	>250	0.5	3 -	NA	0.0005 U	0.0093	0.0017	0.0051	NA	NA
S04-2D-C	BERC-S04-2D-C-15	4	NA	4/8/1997	>250	47	15 -	NA	**0.0017**	0.0061	0.0011	0.0041	NA	NA
S04-2D-C	BERC-S04-2D-C-7.5	4	NA	4/8/1997	>250	47	7.5 -	NA	0.00093	0.00076	0.0005 U	0.001 U	NA	NA
S04-2D-C	BERC-S04-2D-C-9.5	4	NA	4/8/1997	>250	47	9.5 -	NA	0.00057	0.0024	0.00064	0.00176	NA	NA
S04-3-1	122-S04-012	4	NA	1/22/1998	>250	123	5.5 - 7.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-3-1	122-S04-013	4	NA	1/22/1998	>250	123	13.5 - 15.5	NA	0.0005 U	0.0015	0.0005 U	0.0011	NA	NA
S04-3-1	122-S04-014	4	NA	1/22/1998	>250	123	15.5 - 20	NA	0.0005 U	0.0014	0.0005 U	0.0011	NA	NA
S04-3-1	122-S04-101	4	NA	2/2/1998	>250	123	11.5 - 13.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-3-1	122-S04-108	4	NA	2/2/1998	>250	123	11.5 - 13.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-3-2	122-S04-015	4	NA	1/21/1998	>250	35	7.5 - 9.5	NA	0.0005 U	0.0011	0.0005 U	0.0006	NA	NA
S04-3-2	122-S04-016	4	NA	1/21/1998	>250	35	9.5 - 11.5	NA	0.0005 U	0.0019	0.0005 U	0.0013	NA	NA
S04-3-2	122-S04-017	4	NA	1/21/1998	>250	35	11.5 - 13.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-3-2	122-S04-018	4	NA	1/21/1998	>250	35	20 - 25	NA	0.0005 U	0.0013	0.0005 U	0.0009	NA	NA
S04-3-2	122-S04-019	4	NA	1/21/1998	>250	35	25 - 30	NA	0.0005 U	0.0023	0.0005 U	0.0024	NA	NA
S04-3-2	122-S04-020	4	NA	1/21/1998	>250	35	30 - 35	NA	0.0005 U	0.0032	0.002 U	0.0024	NA	NA
S04-3-3	122-S04-021	4	NA	1/22/1998	>250	19	5.5 - 7.5	NA	0.0005 U	0.0025	0.0005 U	0.0005 U	NA	NA
S04-3-3	122-S04-022	4	NA	1/22/1998	>250	19	7.5 - 9.5	NA	0.0005 U	0.0007	0.0005 U	0.0005 U	NA	NA
S04-3-3	122-S04-023	4	NA	1/22/1998	>250	19	11.5 - 13.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-3-3	122-S04-024	4	NA	1/22/1998	>250	19	20 - 25	NA	0.0005 U	0.0053	0.0005 U	0.0039	NA	NA
S04-3-3	122-S04-025	4	NA	1/22/1998	>250	19	25 - 30	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-3-3	122-S04-026	4	NA	1/22/1998	>250	19	30 - 35	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-3-3	122-S04-052	4	NA	1/22/1998	>250	19	5.5 - 7.5	NA	0.0005 U	0.0021	0.0005 U	0.0005 U	NA	NA
S04-3-3	122-S04-093	4	NA	1/29/1998	>250	19	40 - 45	NA	0.0005 U	0.0009 J	0.002 U	0.002 U	NA	NA
S04-3-3	122-S04-093	4	NA	1/30/1998	>250	19	40 - 45	NA	0.0005 U	0.0008	0.0005 U	0.0005 U	NA	NA
S04-3-4	122-S04-027	4	NA	1/23/1998	>250	57	9.5 - 11.5	NA	0.0006	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-3-4	122-S04-030	4	NA	1/23/1998	>250	57	30 - 35	NA	0.0005 U	0.0005 U	0.002 U	0.0005 U	NA	NA
S04-3-4	122-S04-030	4	NA	1/23/1998	>250	57	30 - 35	NA	0.0005 U	0.0005 J	0.0005 U	0.002 U	NA	NA
S04-3-4	122-S04-054	4	NA	1/23/1998	>250	57	5.5 - 7.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-3-4	122-S04-056	4	NA	1/23/1998	>250	57	11.5 - 13.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-3-4	122-S04-057	4	NA	1/23/1998	>250	57	13.5 - 15.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-3-4	122-S04-058	4	NA	1/26/1998	>250	57	40 - 45	NA	**0.0019**	0.011	0.0015	0.008	NA	NA
S04-3-5	122-S04-032	4	NA	1/29/1998	>250	191	15.5 - 20	NA	0.0005 U	0.0008	0.0005 U	0.0007	NA	NA
S04-3-5	122-S04-080	4	NA	1/29/1998	>250	191	15.5 - 20	NA	0.0005 U	0.0015	0.0005 U	0.0011	NA	NA
S04-3-5	122-S04-081	4	NA	1/29/1998	>250	191	20 - 25	NA	0.0005 U	0.0005 U	0.0011	0.0005 U	NA	NA
S04-3-5	122-S04-082	4	NA	1/29/1998	>250	191	25 - 30	NA	0.0005 U	0.0011	0.0005 U	0.0011	NA	NA

TABLE H-7-1: GROUNDWATER ANALYTICAL DATA - SITES 3, 4, 11, AND 21

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

Point Name	Sample Idenfication	Site	CAA	Sampling Date	Approximate Distance from Shoreline (feet)	Approximate Distance to Storm Drain (feet)	Sampling Depth (feet bgs)	Concentration (mg/L)						
								TTPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
S04-3-5	122-S04-083	4	NA	1/29/1998	>250	191	30 - 35	NA	0.0005 U	0.0005 U	0.0005 U	0.0007	NA	NA
S04-3-6	122-S04-102	4	NA	2/2/1998	>250	181	20 - 25	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-3-6	122-S04-111	4	NA	2/2/1998	>250	181	25 - 30	NA	0.0005 U	0.0004 J	0.0005 U	0.0005 U	NA	NA
S04-3-6	122-S04-111	4	NA	2/2/1998	>250	181	25 - 30	NA	0.0004 J	0.0005 U	0.002 U	0.002 U	NA	NA
S04-3-6	122-S04-128	4	NA	2/11/1998	>250	181	30 - 35	NA	**0.059**	0.0017	0.0005 U	0.0005 U	NA	NA
S04-3-6	122-S04-147	4	NA	2/16/1998	>250	181	40 - 45	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-3-6	122-S04-179	4	NA	3/4/1998	>250	181	11.5 - 13.5	NA	0.0005 U	0.0013	0.0005 U	0.0015	NA	NA
S04-3-6	122-S04-180	4	NA	3/4/1998	>250	181	11.5 - 13.5	NA	0.0005 U	0.00092	0.0005 U	0.0013	NA	NA
S04-3-6	122-S04-181	4	NA	3/4/1998	>250	181	13.5 - 15.5	NA	0.0005 U	0.0017	0.0005 U	0.0005 U	NA	NA
S04-3-6	122-S04-182	4	NA	3/4/1998	>250	181	15.5 - 20	NA	0.0005 U	0.00061	0.0005 U	0.0005 U	NA	NA
S04-3-7	122-S04-124	4	NA	2/11/1998	>250	46	20 - 25	NA	**0.0023**	0.002	0.0005 U	0.0005 U	NA	NA
S04-3-7	122-S04-124	4	NA	2/11/1998	>250	46	20 - 25	NA	**0.003**	0.0019	0.002 U	0.002 U	NA	NA
S04-3-7	122-S04-125	4	NA	2/11/1998	>250	46	25 - 30	NA	**0.0024**	0.0018	0.0005 U	0.0005 U	NA	NA
S04-3-7	122-S04-144	4	NA	2/13/1998	>250	46	30 - 35	NA	0.0005	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-3-7	122-S04-148	4	NA	2/17/1998	>250	46	40 - 45	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-3-7	122-S04-177	4	NA	3/3/1998	>250	46	11.5 - 13.5	NA	0.0005 U	0.001 J	0.002 U	0.0003 J	NA	NA
S04-3-7	122-S04-177	4	NA	3/3/1998	>250	46	11.5 - 13.5	NA	0.0006	0.00075	0.0005 U	0.0005 U	NA	NA
S04-3-7	122-S04-178	4	NA	3/3/1998	>250	46	13.5 - 15.5	NA	0.00051	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-3-7	122-S04-183	4	NA	3/4/1998	>250	46	13.5 - 15.5	NA	0.0006	0.0011	0.0005 U	0.0005 U	NA	NA
S04-3-7	122-S04-184	4	NA	3/4/1998	>250	46	15.5 - 20	NA	0.00064	0.0013	0.0005 U	0.0015 U	NA	NA
S04-3-8	122-S04-161	11	11A	2/19/1998	651	74	20 - 25	NA	0.0005 U	0.001	0.0005 U	0.0005 U	NA	NA
S04-3-8	122-S04-162	11	11A	2/19/1998	651	74	20 - 25	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-3-8	122-S04-163	11	11A	2/19/1998	651	74	25 - 30	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-3-8	122-S04-164	11	11A	2/19/1998	651	74	30 - 35	NA	0.0005 U	0.0005 U	0.01 U	0.01 U	NA	NA
S04-3-8	122-S04-164	11	11A	2/19/1998	651	74	30 - 35	NA	**0.002 J**	0.002 J	0.0005 U	0.0005 U	NA	NA
S04-3-8	122-S04-167	11	11A	2/20/1998	651	74	40 - 45	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-3-8	122-S04-187	11	11A	3/4/1998	651	74	11.5 - 13.5	NA	0.0005 U	0.0011	0.0005 U	0.0015 U	NA	NA
S04-3-8	122-S04-189	11	11A	3/5/1998	651	74	13.5 - 15.5	NA	0.0005 U	0.0015	0.0005 U	0.0015 U	NA	NA
S04-3-8	122-S04-190	11	11A	3/5/1998	651	74	15.5 - 20	NA	0.0005 U	0.0016	0.0005 U	0.0015 U	NA	NA
S04-3-8	122-S04-191	11	11A	3/5/1998	651	74	15.5 - 20	NA	0.0005 U	0.0011	0.0005 U	0.0015 U	NA	NA
S04-3-9	122-S04-203	11	11A	3/11/1998	560	65	20 - 25	NA	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
S04-3-9	122-S04-204	11	11A	3/11/1998	560	65	20 - 25	NA	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
S04-3-9	122-S04-205	11	11A	3/11/1998	560	65	25 - 30	NA	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
S04-3-9	122-S04-206	11	11A	3/11/1998	560	65	30 - 35	NA	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
S04-3C-A	BERC-S04-3C-A-15	4	NA	4/8/1997	>250	84	15 -	NA	**0.0027**	0.0013	0.00084	0.00156	NA	NA
S04-3C-A	BERC-S04-3C-A-9	4	NA	4/8/1997	>250	84	9 -	NA	0.00099	0.0056	0.0017	0.0052	NA	NA
S04-3C-B	BERC-S04-3C-B-20	4	NA	4/9/1997	>250	75	20 -	NA	0.0005 U	0.0014	0.00064	0.0027	NA	NA
S04-3D-A	BERC-S04-3D-A-8	4	NA	4/9/1997	>250	129	8 -	NA	0.00078	0.006	0.001	0.0034	NA	NA
S04-3D-B	BERC-S04-3D-B-10	4	NA	4/9/1997	>250	23	10 -	NA	0.0005 U	0.0009	0.0005 U	0.00056	NA	NA
S04-3D-B	BERC-S04-3D-B-23	4	NA	4/9/1997	>250	23	23 -	NA	0.0005 U	0.0005 U	0.0005 U	0.001 U	NA	NA
S04-4-1	122-S04-098	3	3C	1/30/1998	1460	10	7.5 - 9.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-4-1	122-S04-099	3	3C	1/30/1998	1460	10	11.5 - 13.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-4-1	122-S04-100	3	3C	1/30/1998	1460	10	13.5 - 15.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-4-2	122-S04-104	3	3C	2/2/1998	1330	25	30 - 35	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-4-2	122-S04-213	3	3C	3/11/1998	1330	25	11.5 - 13.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
S04-4-2	122-S04-214	3	3C	3/12/1998	1330	25	20 - 25	NA	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
S04-4-2	122-S04-214	3	3C	3/12/1998	1330	25	20 - 25	NA	0.0005 U	0.002 U	0.002 U	0.002 U	NA	NA
S04-4-2	122-S04-215	3	3C	3/12/1998	1330	25	20 - 25	NA	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA

TABLE H-7-1: GROUNDWATER ANALYTICAL DATA - SITES 3, 4, 11, AND 21

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

Point Name	Sample Idenfication	Site	CAA	Sampling Date	Approximate Distance from Shoreline (feet)	Approximate Distance to Storm Drain (feet)	Sampling Depth (feet bgs)	Concentration (mg/L)						
								TTPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
S04-4-3	122-S04-035	3	NA	1/26/1998	>250	56	9.5 - 11.5	NA	0.0005 U	0.0008	0.0005 U	0.0008	NA	NA
S04-4-3	122-S04-036	3	NA	1/26/1998	>250	56	11.5 - 13.5	NA	0.0005 U	0.0007	0.0005 U	0.0009	NA	NA
S04-4-3	122-S04-039	3	NA	1/26/1998	>250	56	30 - 35	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-4-3	122-S04-059	3	NA	1/26/1998	>250	56	5.5 - 7.5	NA	**0.0067**	0.003	0.0011	0.0047	NA	NA
S04-4-3	122-S04-129	3	NA	2/11/1998	>250	56	20 - 25	NA	0.0005 U	0.0016	0.0005 U	0.0005 U	NA	NA
S04-4-4	122-S04-095	4	NA	1/30/1998	>250	13	20 - 25	NA	0.0005 U	0.0006	0.0005 U	0.0005 U	NA	NA
S04-4-4	122-S04-096	4	NA	1/30/1998	>250	13	20 - 25	NA	0.0005 U	0.0007	0.0005 U	0.0005 U	NA	NA
S04-4-4	122-S04-097	4	NA	1/30/1998	>250	13	30 - 35	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-4-4	122-S04-112	4	NA	2/4/1998	>250	13	40 - 45	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-4-5	122-S04-085	4	3C	1/30/1998	939	59	9.5 - 11.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-4-5	122-S04-088	4	3C	1/30/1998	939	59	11.5 - 13.5	NA	0.0005 U	0.0006	0.0005 U	0.0005 U	NA	NA
S04-4-5	122-S04-089	4	3C	1/30/1998	939	59	11.5 - 13.5	NA	0.0005 U	0.0005	0.0005 U	0.0005 U	NA	NA
S04-4-5	122-S04-091	4	3C	1/30/1998	939	59	13.5 - 15.5	NA	0.0005 U	0.0006	0.0005 U	0.0005 U	NA	NA
S04-4-5	122-S04-121	4	3C	2/5/1998	939	59	20 - 25	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-4-6	122-S04-113	4	NA	2/4/1998	>250	102	20 - 25	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-4-6	122-S04-113	4	NA	2/4/1998	>250	102	20 - 25	NA	0.003 U	0.01 U	0.01 U	0.01 U	NA	NA
S04-4-6	122-S04-114	4	NA	2/4/1998	>250	102	20 - 25	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-4-6	122-S04-115	4	NA	2/4/1998	>250	102	25 - 30	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-4-6	122-S04-116	4	NA	2/4/1998	>250	102	30 - 35	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-4-6	122-S04-192	4	NA	3/10/1998	>250	102	15.5 - 20	NA	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
S04-4-6	122-S04-192	4	NA	3/9/1998	>250	102	15.2 - 20	NA	0.0005 U	0.002 U	0.002 U	0.002 U	NA	NA
S04-4-6	122-S04-208	4	NA	3/11/1998	>250	102	11.5 - 13.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
S04-4-7	122-S04-137	11	11A	2/13/1998	695	96	20 - 25	NA	**0.0011**	0.0004 J	0.002 U	0.0005 U	NA	NA
S04-4-7	122-S04-137	11	11A	2/13/1998	695	96	20 - 25	NA	**0.001**	0.0005 U	0.0005 U	0.002 U	NA	NA
S04-4-7	122-S04-138	11	11A	2/13/1998	695	96	25 - 30	NA	0.0005 U	0.0008	0.0005 U	0.0005 U	NA	NA
S04-4-7	122-S04-139	11	11A	2/13/1998	695	96	25 - 30	NA	0.0005 U	0.0011	0.0005 U	0.0005 U	NA	NA
S04-4-7	122-S04-140	11	11A	2/13/1998	695	96	30 - 35	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-4-7	122-S04-185	11	11A	3/4/1998	695	96	11.5 - 13.5	NA	**0.0036**	0.00087	0.0005 U	0.0015 U	NA	NA
S04-4-7	122-S04-186	11	11A	3/4/1998	695	96	15.5 - 20	NA	0.0005 U	0.0012	0.0005 U	0.0015 U	NA	NA
S04-4-7	122-S04-188	11	11A	3/4/1998	695	96	13.5 - 15.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
S04-4-8	122-S04-165	11	NA	2/19/1998	>250	17	20 - 25	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-4-8	122-S04-193	11	NA	3/10/1998	>250	17	15.5 - 20	NA	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
S04-4-8	122-S04-194	11	NA	3/10/1998	>250	17	25 - 30	NA	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
S04-4-8	122-S04-196	11	NA	3/10/1998	>250	17	30 - 35	NA	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
S04-4C-A	BERC-S04-4C-A-23	4	NA	4/9/1997	>250	2	23 -	NA	0.0005 U	0.0005 U	0.0016	0.00055	NA	NA
S04-4C-A	BERC-S04-4C-A-8.5	4	NA	4/9/1997	>250	2	8.5 -	NA	0.0006	0.0005 U	0.0005 U	0.001 U	NA	NA
S04-5-10	122-S04-249	11	11A	4/2/1998	160	86	25 - 30	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-5-3	122-S04-041	3	3C	1/27/1998	1121	78	15.5 - 20	NA	0.0005 U	0.002 J	0.0005 U	0.001	NA	NA
S04-5-3	122-S04-041	3	3C	1/27/1998	1121	78	15.5 - 20	NA	0.0005 U	0.0016	0.002 U	0.002 J	NA	NA
S04-5-3	122-S04-062	3	3C	1/27/1998	1121	78	9.5 - 11.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-5-3	122-S04-063	3	3C	1/27/1998	1121	78	11.5 - 13.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-5-3	122-S04-064	3	3C	1/27/1998	1121	78	15.5 - 20	NA	0.0005 U	0.0018	0.0005 U	0.0011	NA	NA
S04-5-3	122-S04-065	3	3C	1/28/1998	1121	78	20 - 25	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-5-3	122-S04-066	3	3C	1/28/1998	1121	78	25 - 30	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-5-3	122-S04-067	3	3C	1/28/1998	1121	78	30 - 35	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-5-3	122-S04-068	3	3C	1/28/1998	1121	78	40 - 45	NA	**0.0018**	0.0036	0.0005 U	0.0015	NA	NA
S04-5-4	122-S04-117	3	3C	2/5/1998	989	57	25 - 30	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-5-4	122-S04-118	3	3C	2/5/1998	989	57	30 - 35	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA

TABLE H-7-1: GROUNDWATER ANALYTICAL DATA - SITES 3, 4, 11, AND 21

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

								Concentration (mg/L)						
Point Name	Sample Idenfication	Site	CAA	Sampling Date	Approximate Distance from Shoreline (feet)	Approximate Distance to Storm Drain (feet)	Sampling Depth (feet bgs)	TTPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
S04-5-4	122-S04-119	3	3C	2/5/1998	989	57	20 - 25	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-5-6	122-S04-209	21	NA	3/11/1998	>250	44	11.5 - 13.5	NA	0.0005 U	0.0005	0.0005 U	0.0015 U	NA	NA
S04-5-6	122-S04-210	21	NA	3/11/1998	>250	44	15.5 - 20	NA	0.0005 U	0.0005 U	0.0005 U	0.0015 U	NA	NA
S04-5-7	122-S04-166	11	11A	2/20/1998	589	19	20 - 25	NA	0.0005 U	0.0027	0.0012	0.0005 U	NA	NA
S04-5-7	122-S04-211	11	11A	3/11/1998	589	19	15.5 - 20	NA	**0.001**	0.00084	0.0005 U	0.0015 U	NA	NA
S04-5-7	122-S04-216	11	11A	3/17/1998	589	19	13.5 - 15.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-5-8	122-S04-218	11	11A	3/23/1998	462	89	15.5 - 20	NA	0.0005 U	0.0006 B	0.0005 U	0.0005 U	NA	NA
S04-5-9	122-S04-219	11	11A	3/23/1998	322	81	15.5 - 20	NA	0.0005 U	0.0007 B	0.0005 U	0.0005 U	NA	NA
S04-5C-A	BERC-S04-5C-A-11	4	NA	4/7/1997	>250	5	11 -	NA	0.0005 U	0.0087	0.0021	0.008	**0.086 J**	NA
S04-5C-A	BERC-S04-5C-A-15	4	NA	4/8/1997	>250	5	15 -	NA	**0.0016**	0.021	0.0037	0.0119	**0.052 J**	NA
S04-5C-B	BERC-S04-5C-B-10	4	NA	4/9/1997	>250	50	10 -	NA	0.0005 U	0.0013	0.0005 U	0.00152	NA	NA
S04-5C-B	BERC-S04-5C-B-25	4	NA	4/9/1997	>250	50	25 -	NA	0.0005 U	0.00052	0.0005 U	0.001 U	NA	NA
S04-5C-B	BERC-S04-5C-B-7	4	NA	4/9/1997	>250	50	7 -	NA	0.0005 U	0.0005 U	0.0005 U	0.001 U	NA	NA
S04-6-10	122-S04-228	21	11A	3/26/1998	105	73	15.5 - 20	NA	0.0005 U	0.0009	0.0005 U	0.0005 U	NA	NA
S04-6-10	122-S04-236	21	11A	3/27/1998	105	73	9.5 - 11.5	NA	0.0005 U	0.0005	0.0006	0.0005 U	NA	NA
S04-6-10	122-S04-237	21	11A	3/27/1998	105	73	11.5 - 13.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-6-10	122-S04-238	21	11A	3/27/1998	105	73	13.5 - 15.5	NA	0.0005 U	0.0005	0.0005 U	0.0005 U	NA	NA
S04-6-10	122-S04-245	21	11A	4/1/1998	105	73	25 - 30	NA	0.0005 U	0.0029	0.0005 U	0.0023	NA	NA
S04-6-10	122-S04-250	21	11A	4/2/1998	105	73	40 - 45	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-6-10A	122-S04-251	21	NA	4/3/1998	122	1	11.5 - 13.5	NA	0.0005 U	0.01 U	0.0005 U	0.0005 U	NA	NA
S04-6-10A	122-S04-251	21	NA	4/3/1998	122	1	11.5 - 13.5	NA	0.003 U	0.0005 U	0.01 U	0.01 U	NA	NA
S04-6-10A	122-S04-253	21	NA	4/3/1998	122	1	15.5 - 20	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-6-10A	122-S04-254	21	NA	4/3/1998	122	1	25 - 30	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-6-10A	122-S04-255	21	NA	4/6/1998	122	1	40 - 45	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-6-6	122-S04-217	21	NA	3/23/1998	>250	30	15.5 - 20	NA	0.0005 U	0.0012 B	0.0005 U	0.0005 U	NA	NA
S04-6-8	122-S04-231	21	NA	3/26/1998	>250	47	11.5 - 13.5	NA	**0.0012**	0.0011	0.0005 U	0.0005 U	NA	NA
S04-6-8	122-S04-232	21	NA	3/26/1998	>250	47	15.5 - 20	NA	0.0005 U	0.0012	0.0005 U	0.0005 U	NA	NA
S04-6-9	122-S04-220	21	NA	3/23/1998	245	1	15.5 - 20	NA	0.0005 U	0.2 U	0.0005 U	0.2 U	NA	NA
S04-6-9	122-S04-220	21	NA	3/23/1998	245	1	15.5 - 20	NA	0.05 U	0.0005 U	0.2 U	0.0005 U	NA	NA
S04-6-9	122-S04-226	21	NA	3/26/1998	245	1	25 - 30	NA	0.0008	0.0012	0.0005 U	0.0005 U	NA	NA
S04-6-9	122-S04-227	21	NA	3/26/1998	245	1	11.5 - 13.5	NA	0.0005 U	0.0009	0.0005 U	0.0005 U	NA	NA
S04-6-9	122-S04-239	21	NA	3/27/1998	245	1	9.5 - 11.5	NA	0.0005 U	0.0009	0.0005 U	0.0005 U	NA	NA
S04-6-9	122-S04-241	21	NA	3/27/1998	245	1	13.5 - 15.5	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-6-9	122-S04-243	21	NA	4/1/1998	245	1	30 - 35	NA	0.0005 U	0.003 J	0.0005 U	0.002 J	NA	NA
S04-6-9	122-S04-243	21	NA	4/1/1998	245	1	30 - 35	NA	0.0005 U	0.0034	0.0003 J	0.0022	NA	NA
S04-6-9	122-S04-244	21	NA	4/1/1998	245	1	30 - 35	NA	0.0005 U	0.0033	0.0005 U	0.0022	NA	NA
S04-7-7	122-S04-223	21	3A	3/23/1998	412	21	15.5 - 20	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-7-8	122-S04-221	21	NA	3/23/1998	>250	81	15.5 - 20	NA	0.0005 U	0.0007 B	0.0005 U	0.0005 U	NA	NA
S04-7-9	122-S04-229	21	NA	3/26/1998	132	89	15.5 - 20	NA	0.0005 U	0.0009	0.0005 U	0.0005 U	NA	NA
S04-7-9	122-S04-229	21	NA	3/26/1998	132	89	15.5 - 20	NA	0.0005 U	0.002 U	0.002 U	0.002 U	NA	NA
S04-7-9	122-S04-233	21	NA	3/27/1998	132	89	9.5 - 11.5	NA	**0.0055**	0.0008	0.0005 U	0.0005 U	NA	NA
S04-7-9	122-S04-234	21	NA	3/27/1998	132	89	11.5 - 13.5	NA	**0.0012**	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-7-9	122-S04-235	21	NA	3/27/1998	132	89	13.5 - 15.5	NA	**0.0012**	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-7-9	122-S04-248	21	NA	4/2/1998	132	89	25 - 30	NA	0.0005 U	0.0005 U	0.0005 U	0.0005 U	NA	NA
S04-DGS-DP01	385-S04-209	4	NA	8/20/2001	>250	56	8 - 10	NA	**0.0072 J**	0.01 U	0.01 U	0.02 U	0.01 U	NA
S04-DGS-DP01	385-S04-210	4	NA	8/20/2001	>250	56	15 - 17	NA	0.001 U	0.0017	0.001 U	0.0015	0.001 U	NA
S04-DGS-DP01	385-S04-211	4	NA	8/20/2001	>250	56	20 - 22	NA	0.001 U	0.0024	0.001 U	0.0019	0.001 U	NA
S04-DGS-DP03	385-S04-001	4	NA	7/3/2001	>250	39	13 -	NA	0.0005 J	0.002 J	0.002 U	0.001 J	0.005 U	NA

TABLE H-7-1: GROUNDWATER ANALYTICAL DATA - SITES 3, 4, 11, AND 21

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

Point Name	Sample Idenfication	Site	CAA	Sampling Date	Approximate Distance from Shoreline (feet)	Approximate Distance to Storm Drain (feet)	Sampling Depth (feet bgs)	Concentration (mg/L)						
								TTPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
S04-DGS-DP05	385-S04-002	4	NA	8/3/2001	>250	4	13 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP05	385-S04-003	4	NA	8/3/2001	>250	4	25 -	NA	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	NA
S04-DGS-DP05	385-S04-004	4	NA	8/3/2001	>250	4	30 -	NA	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	NA
S04-DGS-DP05	385-S04-004A	4	NA	8/3/2001	>250	4	30 -	NA	0.0005 U	0.002 U	0.002 U	0.0007 J	0.005 U	NA
S04-DGS-DP05	385-S04-005	4	NA	8/3/2001	>250	4	35 -	NA	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	NA
S04-DGS-DP09	385-S04-024	4	NA	7/19/2001	>250	32	12 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP09	385-S04-024A	4	NA	7/19/2001	>250	32	12 -	NA	0.013 U	0.05 U	0.05 U	0.05 U	0.13 U	NA
S04-DGS-DP09	385-S04-025	4	NA	7/19/2001	>250	32	20 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP09	385-S04-026	4	NA	7/19/2001	>250	32	35 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP09	385-S04-027	4	NA	7/19/2001	>250	32	40 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP09	385-S04-028	4	NA	7/19/2001	>250	32	48 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP10	385-S04-029	4	NA	7/31/2001	>250	50	7 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP10	385-S04-030	4	NA	7/31/2001	>250	50	12 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP10	385-S04-030A	4	NA	7/31/2001	>250	50	12 -	NA	0.0003 J	0.002 U	0.002 U	0.002 U	0.005 U	NA
S04-DGS-DP10	385-S04-031	4	NA	7/31/2001	>250	50	15 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP10	385-S04-032	4	NA	7/31/2001	>250	50	25 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP10	385-S04-240	4	NA	8/30/2001	>250	50	35 - 37	NA	**0.0012**	0.0062	0.001 U	0.0085	0.001 U	NA
S04-DGS-DP10	385-S04-242	4	NA	8/31/2001	>250	50	75 - 77	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP10	385-S04-245	4	NA	9/6/2001	>250	50	48 -	NA	0.013 U	0.05 U	0.05 U	0.05 U	0.13 U	NA
S04-DGS-DP10	385-S04-246	4	NA	9/6/2001	>250	50	60 -	NA	0.0004 J	0.0004 J	0.002 U	0.002 U	0.005 U	NA
S04-DGS-DP10	385-S04-262	4	NA	9/20/2001	>250	50	75 - 77	NA	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.001 UJ	0.0005 UJ	NA
S04-DGS-DP11	385-S04-033	4	NA	7/31/2001	>250	207	6 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP11	385-S04-034	4	NA	7/31/2001	>250	207	10 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP11	385-S04-035	4	NA	7/31/2001	>250	207	20 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP11	385-S04-036	4	NA	7/31/2001	>250	207	30 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP11	385-S04-037	4	NA	7/31/2001	>250	207	40 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP11	385-S04-038	4	NA	8/1/2001	>250	207	50 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP12	385-S04-039	4	NA	8/1/2001	>250	144	6 -	NA	0.0009 J	0.0053	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP12	385-S04-040	4	NA	8/1/2001	>250	144	10 -	NA	0.02 U	0.02 U	0.02 U	0.04 U	0.02 U	NA
S04-DGS-DP12	385-S04-041	4	NA	8/1/2001	>250	144	20 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP12	385-S04-042	4	NA	8/1/2001	>250	144	30 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP12	385-S04-043	4	NA	8/1/2001	>250	144	40 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP12	385-S04-044	4	NA	8/1/2001	>250	144	50 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP13	385-S04-045	4	NA	8/1/2001	>250	79	6 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP13	385-S04-045A	4	NA	8/1/2001	>250	79	6 -	NA	0.0004 J	0.0004 J	0.002 U	0.002 U	0.005 U	NA
S04-DGS-DP13	385-S04-046	4	NA	8/2/2001	>250	79	10 -	NA	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U	NA
S04-DGS-DP13	385-S04-047	4	NA	8/2/2001	>250	79	20 -	NA	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U	NA
S04-DGS-DP13	385-S04-048	4	NA	8/2/2001	>250	79	30 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP13	385-S04-049	4	NA	8/2/2001	>250	79	40 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP13	385-S04-050	4	NA	8/2/2001	>250	79	50 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP14	385-S04-052	4	NA	7/24/2001	>250	30	10 -	**347**	0.2 U	0.2 U	0.2 U	0.4 U	0.2 U	NA
S04-DGS-DP14	385-S04-052A	4	NA	7/24/2001	>250	30	10 -	NA	0.005 U	0.02 U	0.02 U	0.02 U	0.05 U	NA
S04-DGS-DP14	385-S04-053	4	NA	7/24/2001	>250	30	25 -	**18.4**	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U	NA
S04-DGS-DP14	385-S04-054	4	NA	7/24/2001	>250	30	35 -	**4.21**	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP14	385-S04-055	4	NA	7/24/2001	>250	30	45 -	**2.81**	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP14	385-S04-056	4	NA	7/24/2001	>250	30	55 -	**2.11**	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP15	385-S04-058	4	NA	8/8/2001	>250	82	8 -	ND	0.001 U	0.004	0.001 U	0.0022	0.001 U	NA
S04-DGS-DP24	385-S04-177	4	NA	8/10/2001	>250	32	7 -	NA	0.001 U	0.0025	0.001 U	0.0017	0.001 U	NA

TABLE H-7-1: GROUNDWATER ANALYTICAL DATA - SITES 3, 4, 11, AND 21

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

Point Name	Sample Idenfication	Site	CAA	Sampling Date	Approximate Distance from Shoreline (feet)	Approximate Distance to Storm Drain (feet)	Sampling Depth (feet bgs)	Concentration (mg/L)						
								TTPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
S04-DGS-DP24	385-S04-178	4	NA	8/10/2001	>250	32	14 -	NA	0.001 U	0.0022	0.001 U	0.0015	0.001 U	NA
S04-DGS-DP24	385-S04-179	4	NA	8/10/2001	>250	32	20 -	NA	0.001 U	0.0016	0.001 U	0.0012	0.001 U	NA
S04-DGS-DP24	385-S04-180	4	NA	8/10/2001	>250	32	30 -	NA	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U	NA
S04-DGS-DP24	385-S04-207	4	NA	8/20/2001	>250	32	40 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP24	385-S04-208	4	NA	8/20/2001	>250	32	50 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP25	385-S04-193	4	NA	8/14/2001	>250	110	7 - 9	NA	0.001 U	0.0055	0.001 U	0.0056	0.001 U	NA
S04-DGS-DP25	385-S04-194	4	NA	8/14/2001	>250	110	15 - 17	NA	0.001 U	0.0056	0.001 U	0.0057	0.001 U	NA
S04-DGS-DP25	385-S04-195	4	NA	8/14/2001	>250	110	25 - 27	NA	0.001 U	0.0052	0.001 U	0.0046	0.001 U	NA
S04-DGS-DP25	385-S04-196	4	NA	8/14/2001	>250	110	35 - 37	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP25	385-S04-249	4	NA	9/7/2001	>250	110	48 -	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
S04-DGS-DP25	385-S04-250	4	NA	9/7/2001	>250	110	60 -	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
S04-DGS-DP26	385-S04-197	4	NA	8/14/2001	>250	185	7 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP26	385-S04-198	4	NA	8/14/2001	>250	185	10 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP26	385-S04-198A	4	NA	8/14/2001	>250	185	10 -	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
S04-DGS-DP26	385-S04-199	4	NA	8/14/2001	>250	185	20 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP26	385-S04-200	4	NA	8/14/2001	>250	185	30 -	NA	0.001 U	0.001	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP26	385-S04-201	4	NA	8/15/2001	>250	185	40 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP26	385-S04-202	4	NA	8/15/2001	>250	185	50 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP27	385-S04-187	4	NA	8/13/2001	>250	168	7 -	NA	0.02 U	0.02 U	0.02 U	0.04 U	0.02 U	NA
S04-DGS-DP27	385-S04-188	4	NA	8/13/2001	>250	168	10 -	NA	0.02 U	0.02 U	0.02 U	0.04 U	0.02 U	NA
S04-DGS-DP27	385-S04-189	4	NA	8/13/2001	>250	168	20 -	NA	0.001 U	0.0026	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP27	385-S04-190	4	NA	8/14/2001	>250	168	30 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP27	385-S04-191	4	NA	8/14/2001	>250	168	38 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP27	385-S04-192	4	NA	8/14/2001	>250	168	50 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP28	385-S04-181	4	NA	8/13/2001	>250	110	7 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP28	385-S04-182	4	NA	8/13/2001	>250	110	10 -	NA	0.02 U	0.02 U	0.02 U	0.04 U	0.02 U	NA
S04-DGS-DP28	385-S04-183	4	NA	8/13/2001	>250	110	20 -	NA	0.02 U	0.02 U	0.02 U	0.04 U	0.02 U	NA
S04-DGS-DP28	385-S04-184	4	NA	8/13/2001	>250	110	30 -	NA	0.001 U	0.0039	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP28	385-S04-185	4	NA	8/13/2001	>250	110	40 -	NA	0.001 U	0.0011	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP28	385-S04-186	4	NA	8/13/2001	>250	110	50 -	NA	0.001 U	0.0011	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP28	385-S04-186A	4	NA	8/13/2001	>250	110	50 -	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
S04-DGS-DP29	385-S04-203	4	NA	8/15/2001	>250	18	15 -	0.39	0.001 U	0.001	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP29	385-S04-203A	4	NA	8/15/2001	>250	18	15 -	1.05	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
S04-DGS-DP29	385-S04-204	4	NA	8/15/2001	>250	18	25 -	ND	0.001 U	0.0017	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP29	385-S04-205	4	NA	8/16/2001	>250	18	35 -	ND	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP29	385-S04-206	4	NA	8/16/2001	>250	18	45 -	ND	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP29	385-S04-261	4	NA	9/17/2001	>250	18	8 - 10	ND	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.001 UJ	0.0005 UJ	NA
S04-DGS-DP30	385-S04-212	4	NA	8/20/2001	>250	6	14 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP30	385-S04-213	4	NA	8/20/2001	>250	6	20 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP30	385-S04-214	4	NA	8/20/2001	>250	6	35 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP30	385-S04-215	4	NA	8/20/2001	>250	6	45 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP30	385-S04-216	4	NA	8/20/2001	>250	6	55 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP31	385-S04-217	4	NA	8/21/2001	>250	80	35 - 37	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP31	385-S04-232	4	NA	8/21/2001	>250	80	10 - 12	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP31	385-S04-233	4	NA	8/21/2001	>250	80	15 - 17	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP31	385-S04-234	4	NA	8/21/2001	>250	80	25 - 27	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP31	385-S04-244	4	NA	8/31/2001	>250	80	45 - 47	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP31	385-S04-247	4	NA	9/6/2001	>250	80	60 -	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA

TABLE H-7-1: GROUNDWATER ANALYTICAL DATA - SITES 3, 4, 11, AND 21

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

Point Name	Sample Idenfication	Site	CAA	Sampling Date	Approximate Distance from Shoreline (feet)	Approximate Distance to Storm Drain (feet)	Sampling Depth (feet bgs)	Concentration (mg/L)						
								TTPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
S04-DGS-DP32	385-S04-222	4	NA	8/21/2001	>250	209	6 - 8	NA	0.001 U	0.0033	0.001 U	0.0022	0.001 U	NA
S04-DGS-DP32	385-S04-223	4	NA	8/21/2001	>250	209	10 - 12	NA	0.001 U	0.0032	0.001 U	0.0019	0.001 U	NA
S04-DGS-DP32	385-S04-224	4	NA	8/21/2001	>250	209	20 - 22	NA	0.001 U	0.0021	0.001 U	0.0013	0.001 U	NA
S04-DGS-DP33	385-S04-225	4	NA	8/21/2001	>250	209	5 - 7	NA	0.001 U	0.0029	0.001 U	0.0021	0.001 U	NA
S04-DGS-DP33	385-S04-226	4	NA	8/21/2001	>250	209	10 - 12	NA	0.001 U	0.0027	0.001 U	0.0018	0.001 U	NA
S04-DGS-DP33	385-S04-226A	4	NA	8/21/2001	>250	209	10 - 12	NA	0.0005 U	0.003	0.0003 J	0.002 J	0.005 U	NA
S04-DGS-DP33	385-S04-227	4	NA	8/21/2001	>250	209	20 - 22	NA	0.001 U	0.0039	0.001 U	0.0023	0.001 U	NA
S04-DGS-DP33	385-S04-228	4	NA	8/21/2001	>250	209	30 - 32	NA	0.001 U	0.0023	0.001 U	0.0017	0.001 U	NA
S04-DGS-DP34	385-S04-218	4	NA	8/21/2001	>250	145	6 - 8	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP34	385-S04-219	4	NA	8/21/2001	>250	145	12 - 14	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP34	385-S04-220	4	NA	8/21/2001	>250	145	20 - 22	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP34	385-S04-221	4	NA	8/21/2001	>250	145	30 - 32	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP35	385-S04-229	4	NA	8/22/2001	>250	1	15 - 17	ND	0.001 U	0.0033	0.001 U	0.0017	0.001 U	NA
S04-DGS-DP35	385-S04-230	4	NA	8/22/2001	>250	1	25 - 27	ND	0.001 U	0.0024	0.001 U	0.0014	0.001 U	NA
S04-DGS-DP35	385-S04-231	4	NA	8/23/2001	>250	1	8 - 10	0.12	0.0006 J	0.0059	0.001 U	0.0025	0.001 U	NA
S04-DGS-DP36	385-S04-232C	4	NA	8/28/2001	>250	3	20 - 22	NA	0.001 U	0.0014	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP36	385-S04-233C	4	NA	8/28/2001	>250	3	25 - 27	NA	0.001 U	0.0011	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP36	385-S04-243	4	NA	8/31/2001	>250	3	75 - 77	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP36	385-S04-251	4	NA	9/7/2001	>250	3	48 -	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
S04-DGS-DP36	385-S04-252	4	NA	9/7/2001	>250	3	60 -	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
S04-DGS-DP36	385-S04-263	4	NA	9/20/2001	>250	3	75 - 77	NA	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.001 UJ	0.0005 UJ	NA
S04-DGS-DP36	385-S04-264	4	NA	9/26/2001	>250	3	12 - 14	NA	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
S04-DGS-DP36	385-S04-926	4	NA	9/20/2001	>250	3	75 - 77	NA	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.001 UJ	0.0005 UJ	NA
S04-DGS-DP36	385-S04-928	4	NA	9/26/2001	>250	3	12 - 14	NA	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
S04-DGS-DP37	385-S04-237	4	NA	8/29/2001	>250	202	6 - 8	NA	0.001 U	0.0011 UJ	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP37	385-S04-238	4	NA	8/29/2001	>250	202	10 - 12	NA	0.001 U	0.0018 UJ	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP38	385-S04-234C	4	NA	8/29/2001	>250	187	5 - 7	NA	0.001 U	0.0023 UJ	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP38	385-S04-235C	4	NA	8/29/2001	>250	187	10 - 12	NA	0.0008 J	0.0018 UJ	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP38	385-S04-235CA	4	NA	8/29/2001	>250	187	10 - 12	NA	0.0005 U	0.0008 J	0.002 U	0.0004 J	0.005 U	NA
S04-DGS-DP38	385-S04-236C	4	NA	8/29/2001	>250	187	20 - 22	NA	0.001 U	0.0017 UJ	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP39	385-S04-239	4	NA	8/29/2001	>250	162	6 - 8	NA	0.0006 J	0.002 UJ	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP40	385-S04-241	4	NA	8/31/2001	>250	91	25 - 27	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP40	385-S04-248	4	NA	9/6/2001	>250	91	60 -	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
S04-DGS-DP41	385-S04-256	4	NA	9/17/2001	>250	43	20 - 22	NA	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.001 UJ	0.0005 UJ	NA
S04-DGS-DP41	385-S04-257	4	NA	9/17/2001	>250	43	35 - 37	NA	0.002 U	0.002 U	0.002 U	0.004 U	0.002 U	NA
S04-DGS-DP41	385-S04-258	4	NA	9/17/2001	>250	43	48 - 50	NA	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.001 UJ	0.0005 UJ	NA
S04-DGS-DP41	385-S04-259	4	NA	9/17/2001	>250	43	60 - 62	NA	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.001 UJ	0.0005 UJ	NA
S04-DGS-DP41	385-S04-265	4	NA	9/26/2001	>250	43	12 - 14	NA	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
S04-DGS-DP42	385-S04-253	4	NA	9/11/2001	>250	196	5 -	NA	0.005 UJ	0.005 UJ	0.005 UJ	0.01 UJ	0.005 UJ	NA
S04-DGS-DP42	385-S04-254	4	NA	9/11/2001	>250	196	10 -	NA	0.005 U	0.005 U	0.005 U	0.01 U	0.005 U	NA
S04-DGS-DP43	385-S04-255	4	NA	9/11/2001	>250	97	6 -	NA	0.005 U	0.005 U	0.005 U	0.01 U	0.005 U	NA
S04-DGS-DP44	385-S04-260	4	NA	9/17/2001	>250	10	25 - 27	ND	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.001 UJ	0.0005 UJ	NA
S04-DGS-DP44	385-S04-906	4	NA	9/17/2001	>250	10	25 - 27	ND	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.001 UJ	0.0005 UJ	NA
S04-DGS-DP45	385-S04-266	4	NA	9/26/2001	>250	76	12 - 14	NA	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
S04-DGS-DP45	385-S04-267	4	NA	9/26/2001	>250	76	20 - 22	NA	0.025 U	0.025 U	0.025 U	0.05 U	0.025 U	NA
S04-DGS-DP45	385-S04-268	4	NA	9/26/2001	>250	76	35 - 37	NA	0.0036 U	0.0036 U	0.0036 U	0.0072 U	0.0036 U	NA
S04-DGS-DP45	385-S04-269	4	NA	10/5/2001	>250	76	48 - 50	NA	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
S04-DGS-DP45	385-S04-270	4	NA	10/5/2001	>250	76	60 - 62	NA	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA

TABLE H-7-1: GROUNDWATER ANALYTICAL DATA - SITES 3, 4, 11, AND 21

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

								Concentration (mg/L)						
Point Name	Sample Idenfication	Site	CAA	Sampling Date	Approximate Distance from Shoreline (feet)	Approximate Distance to Storm Drain (feet)	Sampling Depth (feet bgs)	TTPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
S04-DGS-DP46	385-S04-271	21	NA	10/5/2001	>250	68	20 - 22	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-DP46	385-S04-272	21	NA	10/5/2001	>250	68	35 - 37	NA	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
S04-DGS-DP46	385-S04-273	21	NA	10/5/2001	>250	68	48 - 50	NA	0.005 U	0.005 U	0.005 U	0.01 U	0.005 U	NA
S04-DGS-DP46	385-S04-274	21	NA	10/5/2001	>250	68	60 - 62	NA	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
S04-DGS-DP46	385-S04-291	21	NA	10/17/2001	>250	68	12 - 14	NA	0.0005 UJ	0.002 UJ	0.002 UJ	0.002 UJ	0.005 UJ	NA
S04-DGS-DP46	385-S04-930	21	NA	10/5/2001	>250	68	35 - 37	NA	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
S04-DGS-DP47	385-S04-275	4	NA	10/8/2001	>250	79	20 - 22	NA	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
S04-DGS-DP47	385-S04-276	4	NA	10/8/2001	>250	79	35 - 37	NA	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
S04-DGS-DP47	385-S04-277	4	NA	10/8/2001	>250	79	48 - 50	NA	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 UJ	NA
S04-DGS-DP47	385-S04-278	4	NA	10/8/2001	>250	79	60 - 62	NA	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
S04-DGS-DP48	385-S04-279	4	NA	10/8/2001	>250	15	20 - 22	NA	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
S04-DGS-DP48	385-S04-280	4	NA	10/8/2001	>250	15	35 - 37	NA	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
S04-DGS-DP48	385-S04-281	4	NA	10/8/2001	>250	15	48 - 50	NA	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
S04-DGS-DP48	385-S04-282	4	NA	10/8/2001	>250	15	60 - 62	NA	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
S04-DGS-DP48	385-S04-933	4	NA	10/8/2001	>250	15	35 - 37	NA	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
S04-DGS-DP49	385-S04-286	21	NA	10/16/2001	>250	82	12 - 14	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
S04-DGS-DP49	385-S04-287	21	NA	10/16/2001	>250	82	20 - 22	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
S04-DGS-DP49	385-S04-288	21	NA	10/16/2001	>250	82	35 - 37	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
S04-DGS-DP49	385-S04-289	21	NA	10/16/2001	>250	82	48 - 50	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
S04-DGS-DP49	385-S04-290	21	NA	10/16/2001	>250	82	60 - 62	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
S04-DGS-DP50	385-S04-283	3	NA	10/16/2001	>250	45	20 - 22	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.0005 J	NA
S04-DGS-DP50	385-S04-284	3	NA	10/16/2001	>250	45	35 - 37	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
S04-DGS-DP50	385-S04-285	3	NA	10/16/2001	>250	45	48 - 50	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
S04-DGS-DP50	385-S04-936	3	NA	10/16/2001	>250	45	35 - 37	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
S04-DGS-DP51	385-S04-292	21	NA	11/5/2001	>250	61	12 - 14	NA	0.0005 U	0.0009 J	0.002 U	0.0005 J	0.0003 J	NA
S04-DGS-DP51	385-S04-293	21	NA	11/5/2001	>250	61	20 - 22	NA	0.0005 U	0.001 J	0.002 U	0.001 J	0.0003 J	NA
S04-DGS-DP51	385-S04-294	21	NA	11/5/2001	>250	61	30 - 32	NA	0.0005 U	0.001 J	0.002 U	0.0006 J	0.005 U	NA
S04-DGS-VE01	385-S04-138	4	NA	8/6/2001	>250	2	8 - 10	0.69	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-VE02	385-S04-141	4	NA	8/7/2001	>250	5	5 - 6	0.51	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-VE03	385-S04-236	4	NA	8/21/2001	>250	5.5	7 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S04-DGS-VE04	385-S04-307A	4	NA	4/26/2002	>250	98	7 -	NA	NA	NA	NA	NA	NA	0.0007 J
S04-DGS-VE05	385-S04-310A	4	NA	4/26/2002	>250	16	7 -	NA	NA	NA	NA	NA	NA	0.0026 J
S11-DGS-DP01	385-S11-005	11	NA	8/1/2001	>250	41	5 - 7	0.076	0.001 U	0.0031	0.001 U	0.0017	0.001 U	NA
S11-DGS-DP101	385-S11-135	21	NA	9/19/2001	212	28	10 - 12	NA	0.0007	0.002 U	0.002 U	0.002 U	0.0003 J	NA
S11-DGS-DP101	385-S11-139	21	NA	9/19/2001	212	28	25 - 27	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
S11-DGS-DP101	385-S11-142	21	NA	9/19/2001	212	28	50 - 52	NA	0.0005 U	0.0003 J	0.002 U	0.002 U	0.005 U	NA
S11-DGS-DP102	385-S11-110A	11	NA	8/27/2001	>250	20	10 -	NA	**0.0019**	0.001 U	0.001 U	0.002 U	0.001 U	NA
S11-DGS-DP102	385-S11-111A	11	NA	8/27/2001	>250	20	25 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S11-DGS-DP102	385-S11-112A	11	NA	8/27/2001	>250	20	50 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S11-DGS-DP103	385-S11-102	11	NA	9/18/2001	>250	11	10 - 12	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
S11-DGS-DP103	385-S11-106	11	NA	9/18/2001	>250	11	25 - 27	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
S11-DGS-DP103	385-S11-109	11	NA	9/18/2001	>250	11	50 - 52	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
S11-DGS-DP104	385-S11-113	21	NA	8/28/2001	35	143	10 - 12	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
S11-DGS-DP104	385-S11-113A	21	NA	8/28/2001	35	143	10 - 12	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S11-DGS-DP104	385-S11-114A	21	NA	8/28/2001	35	143	25 - 27	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S11-DGS-DP104	385-S11-115A	21	NA	8/28/2001	35	143	50 - 52	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S11-DGS-DP105	385-S11-125A	11	NA	8/24/2001	>250	54	10 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S11-DGS-DP105	385-S11-126A	11	NA	8/24/2001	>250	54	25 -	NA	0.001 U	0.0013	0.001 U	0.002 U	0.001 U	NA

TABLE H-7-1: GROUNDWATER ANALYTICAL DATA - SITES 3, 4, 11, AND 21

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

								Concentration (mg/L)						
Point Name	Sample Idenfication	Site	CAA	Sampling Date	Approximate Distance from Shoreline (feet)	Approximate Distance to Storm Drain (feet)	Sampling Depth (feet bgs)	TTPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
S11-DGS-DP105	385-S11-127A	11	NA	8/24/2001	>250	54	50 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S11-DGS-DP107	385-S11-128	4	NA	8/24/2001	>250	84	10 -	NA	0.0004 J	0.0007 J	0.002 U	0.0004 J	0.005 U	NA
S11-DGS-DP107	385-S11-128A	4	NA	8/24/2001	>250	84	10 -	NA	0.001 U	0.0011	0.001 U	0.002 U	0.001 U	NA
S11-DGS-DP107	385-S11-129A	4	NA	8/24/2001	>250	84	25 -	NA	0.001 U	0.0014	0.001 U	0.002 U	0.001 U	NA
S11-DGS-DP107	385-S11-130A	4	NA	8/24/2001	>250	84	50 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S11-DGS-DP108	385-S11-131A	4	NA	8/30/2001	>250	212	10 -	NA	0.02 U	0.02 U	0.02 U	0.04 U	0.02 U	NA
S11-DGS-DP108	385-S11-132A	4	NA	8/30/2001	>250	212	25 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S11-DGS-DP108	385-S11-133A	4	NA	8/30/2001	>250	212	50 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S11-DGS-DP109	385-S11-117	4	NA	9/18/2001	>250	86	10 - 12	NA	0.0007 J	0.002 U	0.002 U	0.002 U	0.005 U	NA
S11-DGS-DP109	385-S11-121	4	NA	9/18/2001	>250	86	25 - 27	NA	0.0008	0.002 U	0.002 U	0.002 U	0.005 U	NA
S11-DGS-DP109	385-S11-124	4	NA	9/18/2001	>250	86	50 - 52	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
S11-DGS-DP109	385-S11-145	4	NA	9/18/2001	>250	86	25 - 27	NA	0.0008	0.002 U	0.002 U	0.002 U	0.005 U	NA
S11-DGS-HA01	385-S11-001	11	NA	7/25/2001	>250	38	9 - 14	ND	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S11-DGS-HA01	385-S11-001A	11	NA	7/25/2001	>250	38	9 - 14	0.76	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
S11-DGS-HA02	385-S11-002	11	NA	7/26/2001	>250	125	8 - 9.5	0.48	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S11-DGS-HA03	385-S11-003	11	NA	7/26/2001	>250	142	8 - 9.5	0.612	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP01	385-S21-002	21	NA	6/29/2001	249	18	15 -	NA	0.0004 J	0.002 J	0.0004 J	0.002	0.0006 J	NA
S21-DGS-DP02	385-S21-003	21	NA	7/18/2001	98	4	15 - 17	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP02	385-S21-003A	21	NA	7/18/2001	98	4	15 - 17	NA	0.0005 U	0.0003 J	0.002 U	0.002 U	0.0003 J	NA
S21-DGS-DP02	385-S21-004	21	NA	7/18/2001	98	4	20 - 22	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP02	385-S21-005	21	NA	7/18/2001	98	4	30 - 32	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP02	385-S21-006	21	NA	7/18/2001	98	4	40 - 42	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP02	385-S21-007	21	NA	7/18/2001	98	4	50 - 52	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP03	385-S21-008	21	NA	7/31/2001	>250	76	15 - 17	NA	0.001 U	0.0026	0.001 U	0.0019	0.001 U	NA
S21-DGS-DP03	385-S21-009	21	NA	7/31/2001	>250	76	20 - 22	NA	0.001 U	0.0025	0.001 U	0.0015	0.001 U	NA
S21-DGS-DP03	385-S21-010	21	NA	7/31/2001	>250	76	30 - 32	NA	0.001 U	0.0033	0.001 U	0.0018	0.001 U	NA
S21-DGS-DP03	385-S21-011	21	NA	8/1/2001	>250	76	40 - 42	NA	0.001 U	0.0013	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP03	385-S21-077	21	NA	9/12/2001	>250	76	8 - 10	ND	0.005 UJ	0.005 UJ	0.005 UJ	0.01 UJ	0.005 UJ	NA
S21-DGS-DP03	385-S21-078	21	NA	9/12/2001	>250	76	15 - 17	ND	0.005 UJ	0.005 UJ	0.005 UJ	0.01 UJ	0.005 UJ	NA
S21-DGS-DP04	385-S21-012	21	NA	7/20/2001	>250	47	15 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP04	385-S21-012A	21	NA	7/20/2001	>250	47	15 -	NA	0.01 U	0.04 U	0.04 U	0.04 U	0.1 U	NA
S21-DGS-DP04	385-S21-013	21	NA	7/20/2001	>250	47	20 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP04	385-S21-014	21	NA	7/20/2001	>250	47	30 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP04	385-S21-015	21	NA	7/20/2001	>250	47	45 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP05	385-S21-016	21	3A	7/31/2001	>250	21	7 - 9	NA	0.001 U	0.0039	0.001 U	0.0042	0.001 U	NA
S21-DGS-DP05	385-S21-017	21	3A	7/31/2001	>250	21	12 - 14	NA	0.001 U	0.0083	0.0012	0.0083	0.001 U	NA
S21-DGS-DP05	385-S21-017A	21	3A	7/31/2001	>250	21	12 - 14	NA	0.0008	0.016	0.002	0.014	0.0005 J	NA
S21-DGS-DP06	385-S21-018	21	3A	7/31/2001	>250	9	5 - 7	NA	0.001 U	0.0031	0.001 U	0.002	0.001 U	NA
S21-DGS-DP06	385-S21-019	21	3A	7/31/2001	>250	9	10 - 12	NA	0.001 U	0.0019	0.001 U	0.0012	0.001 U	NA
S21-DGS-DP06	385-S21-046A	21	3A	8/9/2001	>250	9	15 -	NA	0.001 U	0.0017	0.001 U	0.0012	0.001 U	NA
S21-DGS-DP06	385-S21-047	21	3A	8/9/2001	>250	9	20 -	NA	0.001 U	0.0014	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP07	385-S21-020	21	NA	7/31/2001	39	27	5 - 7	**120**	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U	NA
S21-DGS-DP101	385-S21-101	21	NA	8/29/2001	>250	29	10 - 12	NA	**0.003**	0.002 U	0.002 U	0.002 U	0.005 U	NA
S21-DGS-DP101	385-S21-101A	21	NA	8/29/2001	>250	29	10 - 12	NA	**0.0043**	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP101	385-S21-102A	21	NA	8/29/2001	>250	29	25 - 27	NA	0.001 U	0.0011 UJ	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP101	385-S21-103A	21	NA	8/29/2001	>250	29	50 - 52	NA	0.001 U	0.0013 UJ	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP102	385-S21-104	21	3A	8/29/2001	>250	19	10 - 12	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
S21-DGS-DP102	385-S21-104A	21	3A	8/29/2001	>250	19	10 - 12	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA

TABLE H-7-1: GROUNDWATER ANALYTICAL DATA - SITES 3, 4, 11, AND 21

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

Point Name	Sample Idenfication	Site	CAA	Sampling Date	Approximate Distance from Shoreline (feet)	Approximate Distance to Storm Drain (feet)	Sampling Depth (feet bgs)	Concentration (mg/L)						
								TTPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
S21-DGS-DP102	385-S21-105A	21	3A	8/29/2001	>250	19	25 - 27	NA	0.001 U	0.0012 UJ	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP102	385-S21-106A	21	3A	8/29/2001	>250	19	50 - 52	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP103	385-S21-107A	21	3A	8/27/2001	>250	6	10 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP103	385-S21-108A	21	3A	8/27/2001	>250	6	25 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP103	385-S21-109A	21	3A	8/27/2001	>250	6	50 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP104	385-S21-111	21	NA	9/19/2001	38	7	10 - 12	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
S21-DGS-DP104	385-S21-115	21	NA	9/19/2001	38	7	25 - 27	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
S21-DGS-DP104	385-S21-118	21	NA	9/19/2001	38	7	50 - 52	NA	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
S21-DGS-DP105	385-S21-119A	21	NA	8/28/2001	74	37	10 - 12	NA	**0.0018**	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP105	385-S21-120A	21	NA	8/28/2001	74	37	25 - 27	NA	**0.0011**	0.001 U	0.0023	0.002 U	0.001 U	NA
S21-DGS-DP105	385-S21-121A	21	NA	8/28/2001	74	37	50 - 52	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP106	385-S21-122A	21	NA	8/30/2001	>250	88	10 -	NA	0.001 U	0.0013	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP106	385-S21-123A	21	NA	8/30/2001	>250	88	25 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP106	385-S21-124A	21	NA	8/30/2001	>250	88	50 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP11	385-S21-056	21	NA	8/16/2001	40	2	15 -	0.6	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP11	385-S21-057	21	NA	8/16/2001	40	2	20 -	**1.5**	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP11	385-S21-058	21	NA	8/16/2001	40	2	30 -	1.2	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP11	385-S21-059	21	NA	8/16/2001	40	2	40 -	0.66	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP11	385-S21-060	21	NA	8/16/2001	40	2	50 -	0.063	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP12	385-S21-048	21	NA	8/9/2001	>250	42	9 -	NA	0.0005 J	0.001	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP12	385-S21-049	21	NA	8/9/2001	>250	42	15 -	NA	0.0005 J	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP12	385-S21-050	21	NA	8/9/2001	>250	42	25 -	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP13	385-S21-051	21	3A	8/17/2001	>250	33	9 - 11	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP13	385-S21-052	21	3A	8/17/2001	>250	33	16 - 18	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP14	385-S21-053	21	NA	8/20/2001	>250	94	9 - 11	NA	**0.0038**	0.001	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP14	385-S21-054	21	NA	8/20/2001	>250	94	17 - 19	NA	0.001 U	0.0011	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP14	385-S21-054A	21	NA	8/20/2001	>250	94	17 - 19	NA	0.0005 U	0.0008 J	0.002 U	0.001 J	0.005 U	NA
S21-DGS-DP14	385-S21-055	21	NA	8/20/2001	>250	94	25 - 27	NA	0.001 U	0.0016	0.001 U	0.0014	0.001 U	NA
S21-DGS-DP15	385-S21-063	21	NA	8/22/2001	26	4	15 -	1.1	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP16	385-S21-064	21	NA	8/24/2001	>250	75	8 - 10	ND	0.001 U	0.0036	0.001 U	0.0022	0.001 U	NA
S21-DGS-DP16	385-S21-065	21	NA	8/24/2001	>250	75	15 - 17	0.09	**0.0011**	0.0039	0.001 U	0.0028	0.001 U	NA
S21-DGS-DP16	385-S21-066	21	NA	8/24/2001	>250	75	20 - 22	ND	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP17	385-S21-067	21	NA	9/4/2001	>250	97	9 - 11	NA	**0.0017**	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP17	385-S21-068	21	NA	9/4/2001	>250	97	14 - 16	NA	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-DP18	385-S21-074	21	NA	9/12/2001	>250	76	8 - 10	ND	0.005 UJ	0.005 UJ	0.005 UJ	0.01 UJ	0.005 UJ	NA
S21-DGS-DP18	385-S21-075	21	NA	9/12/2001	>250	76	15 - 17	ND	0.005 UJ	0.005 UJ	0.005 UJ	0.01 UJ	0.005 UJ	NA
S21-DGS-DP18	385-S21-076	21	NA	9/12/2001	>250	76	20 - 22	ND	0.005 UJ	0.005 UJ	0.005 UJ	0.01 UJ	0.005 UJ	NA
S21-DGS-DP19	385-S21-073	21	NA	9/12/2001	>250	95	14 - 16	NA	0.005 UJ	0.005 UJ	0.005 UJ	0.01 UJ	0.005 UJ	NA
S21-DGS-DP19	385-S21-081	21	NA	11/5/2001	>250	95	20 - 22	NA	0.003 U	0.01 U	0.01 U	0.01 U	0.025 U	NA
S21-DGS-DP19	385-S21-082	21	NA	11/5/2001	>250	95	30 - 32	NA	0.0005 U	0.0007 J	0.002 U	0.0003 J	0.005 U	NA
S21-DGS-DP20	385-S21-080	21	NA	9/26/2001	165	59	7 - 9	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
S21-DGS-DP21	385-S21-079	21	NA	9/26/2001	24	93	7 - 9	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
S21-DGS-VE01	385-S21-030	21	NA	8/7/2001	36	3.5	8 - 9	**3.2**	0.001 U	0.001 U	0.001 U	0.002 U	0.001 U	NA
S21-DGS-VE01	385-S21-030A	21	NA	8/7/2001	36	3.5	8 - 9	**115.18**	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
S21-DGS-VE02	385-S21-033	21	NA	8/7/2001	49	2.3	8.5 - 9.2	**12.31**	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U	NA
S21-DGS-VE03	385-S21-062	21	NA	8/21/2001	38	2.6	6.5 -	**36.56**	0.01 U	0.01 U	0.01 U	0.02 U	0.01 U	NA
S21-DGS-VE04	385-S21-070	21	NA	9/6/2001	145	1	5.8 - 8.3	0.99	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
S21-DGS-VE05	385-S21-072	21	NA	9/6/2001	82	0.5	5.8 - 8.3	0.26	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA

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Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

Point Name	Sample Idenfication	Site	CAA	Sampling Date	Approximate Distance from Shoreline (feet)	Approximate Distance to Storm Drain (feet)	Sampling Depth (feet bgs)	Concentration (mg/L)						
								TTPH	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Lead
SHP-S04-06	260-S04-247	4	NA	1/24/1995	>250	48	10 -	NA	0.0005 UJ	0.002 UJ	0.002 U	0.002 UJ	NA	NA
SHP-S04-07	260-S04-250	4	NA	1/18/1995	>250	33	10 -	NA	0.0005 UJ	0.002 UJ	0.0002 J	0.002	NA	NA
SHP-S04-07	260-S04-251	4	NA	1/18/1995	>250	33	10 - 0	NA	0.0005 U	0.002 UJ	0.0003 J	0.004	NA	NA
SHP-S04-08	260-S04-254	4	NA	1/20/1995	>250	71	17 -	NA	0.002 UJ	0.002 UJ	0.002 UJ	0.003	NA	NA
SHP-S04-09	260-S04-257	4	NA	1/25/1995	>250	9	16 -	NA	0.0005 UJ	0.002 UJ	0.002 UJ	0.002 UJ	NA	NA
SHP-S04-09	260-S04-258	4	NA	1/25/1995	>250	9	16 - 0	NA	0.0005 U	0.002 U	0.002 U	0.002 U	NA	NA
WA-8	385-S21-022	21	NA	7/9/2001	>250	3.5	5 - 15	0.25	0.0005 U	0.002 U	0.002 U	0.002 U	0.005 U	NA
WA-8	WA-8	21	NA	9/4/1991	>250	3.5	5 - 15	NA	0.001 U	0.001 U	0.001 U	0.001 U	NA	0.002 UJ
WA-8	WA-8-A1104	21	NA	6/20/2002	>250	3.5	5 - 15	ND	0.0005 U	0.0005 U	0.0002 U	0.001 U	0.0001 J	6E-05 J
WA-8	WA-8-A1318	21	NA	9/6/2002	>250	3.5	5 - 15	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA
WA-8	WA-8-A1605	21	NA	12/9/2002	>250	3.5	5 - 15	ND	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	0.001 U
WA-8	WA-8-A1972	21	NA	4/14/2003	>250	3.5	5 - 15	NA	0.0005 U	0.0005 U	0.0005 U	0.001 U	0.0005 U	NA

Notes:

A bolded concentration indicates a detection exceeding screening criteria.

B	Compound detected in an associated blank as well as the sample
bgs	Below ground surface
D	Compound identified in an analysis at a secondary dilution factor
J	Indicates an estimated concentration value
mg/L	Milligrams per liter
MTBE	Methyl tertiary butyl ether
NA	Not analyzed
ND	Not detected
P	Original and second column had high relative percent difference
TTPH	Total total petroleum hydrocarbons (sum of all TPH fractions)
U	Indicates compound was analyzed for but not detected above concentration listed
UJ	Indicates compound was analyzed for but not detected above the estimated concentration listed

TABLE H-8-1: LOW-RISK FUEL SITE CLOSURE ASSESSMENT – OPERABLE UNIT 2B

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

RWQCB Low-risk Fuel Site Closure Criteria	Criteria Met?	Explanation
The leak and source(s) have been removed.	No	Since April 1997, Alameda Point ceased all naval operations, thereby eliminating possible sources of contamination associated with aircraft maintenance and operation activities. In addition, all underground storage tanks have not been in use since 1987. Floating product (a possible groundwater source) is present at OU 2B.
The site has been adequately characterized.	Yes	Multiple investigations that assess possible TPH contamination were conducted at OU 2B (see Tables H-3-1, H-4-1, H-5-1, H-6-1, and H-7-1). Soil and groundwater have been adequately characterized, and no data gaps were identified during this evaluation.
Little or no groundwater impact currently exists, and no contaminants are found at levels above applicable water quality objectives.	No	At OU 2B, benzene, ethylbenzene, and lead exceeded the PRC for potential exposure of marine ecological receptors through the storm drain exposure pathway at 31 sampling locations. TTPH also exceeded the PRC for potential exposure of marine ecological receptors through the storm drain exposure pathway at 66 sampling locations. Corrective action may be warranted for potential exposure of marine ecological receptors through the storm drain exposure pathway.
No water wells, deeper drinking water aquifers, surface water, or other sensitive receptors are likely to be impacted.	No	Although no drinking water wells are located within OU 2B, a part of OU 2B is less than 250 feet from the shoreline. Also, groundwater at OU 2B is designated as part of the southeastern hydrologic region and is considered a potential drinking water source. BTEX, lead, and MTBE exceeded the PRC for groundwater as a potential drinking water source. Corrective action is warranted for groundwater as a potential drinking water source.
The site presents no significant risk to human health.	No	Potential reuse for OU 2B includes recreational and commercial/industrial activities, offices, retail, research and development, and residential housing. TPH-associated constituents in soil were screened against the PRC for residential reuse, and TPH-associated constituents were screened against the residential PRC for volatilization of constituents to indoor air. Benzene in groundwater exceeded the PRC for volatilization of constituents to indoor air at thirty-seven sampling locations. TPH-associated and TPH-fraction concentrations in soil exceeded the PRC for residential reuse at several soil sampling locations; however, samples are not widespread, and current sampling results do not indicate detections exceeding the PRC.
The site presents no significant risk to the environment.	No	Based on exposure pathways evaluated for marine ecological receptors, TPH-associated constituent concentrations in groundwater samples collected from OU 2B may indicate a significant risk to the environment.

TABLE H-8-1: LOW-RISK FUEL SITE CLOSURE ASSESSMENT – OPERABLE UNIT 2B

Appendix H - TPH Risk Evaluation, Remedial Investigation Report for OU-2B Sites 3, 4, 11, and 21

RWQCB Low-risk Fuel Site Closure Criteria	Criteria Met?	Explanation
The dissolved groundwater plume is not migrating.	No	Based on the recent data collected to assess possible TPH contamination, a TPH groundwater plume with constituent concentrations greater than the applicable PRC is present at OU 2B.

Notes:

BTEX	Benzene, toluene, ethylbenzene, xylenes
OU	Operable Unit
PRC	Preliminary remediation criteria
RWQCB	San Francisco Bay Regional Water Quality Control Board
TPH	Total petroleum hydrocarbons
TPH-associated constituents	TPH-diesel range, -gasoline range, -jet fuel range, and -motor oil range; benzene; toluene; ethylbenzene; xylenes; methyl tertiary butyl ether; and lead
TTPH	Total TPH

APPENDIX I
SOLID WASTE MANAGEMENT UNIT EVALUATION

A-E CERCLA/RCRA/UST Contract Number N68711-03-D-5104
Contract Task Order 0012

Draft

APPENDIX I
SOLID WASTE MANAGEMENT UNIT EVALUATION REPORT FOR OPERABLE UNIT 2B (SITES 3, 4, 11, AND 21)

Hazardous Waste Permit EPA ID Number CA 2170023236, Naval Air Station Alameda (Now Known as Alameda Point), Alameda Point, Alameda, California

May 2, 2005

Prepared for

DEPARTMENT OF THE NAVY
Lou Ocampo, Remedial Project Manager
Base Realignment and Closure
Program Management Office West
San Diego, California

Prepared by

NAVFAC
Naval Facilities Engineering Command

AND

SulTech

A JOINT VENTURE OF SULLIVAN CONSULTING GROUP
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TC.B012.12167

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ACRONYMS AND ABBREVIATIONS

AST	Aboveground storage tank
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
DTSC	California Environmental Protection Agency Department of Toxic Substances Control
EBS	Environmental baseline survey
EPA	U.S. Environmental Protection Agency
GAP	Generator accumulation point
ID	Identification
NADEP	Naval Aviation Depot
NAS	Naval Air Station
Navy	U.S. Department of the Navy
NFA	No further action
OU	Operable unit
OWS	Oil-water separator
RCRA	Resource Conservation and Recovery Act
RFA	RCRA facility assessment
RFI	RCRA facility investigation
RI	Remedial Investigation
SulTech	A joint venture of Sullivan Consulting Group and Tetra Tech EM Inc.
SWMU	Solid waste management unit
Tetra Tech	Tetra Tech EM Inc.
TPH	Total petroleum hydrocarbon
UST	Underground storage tank

EXECUTIVE SUMMARY

The U.S. Department of the Navy (Navy), Base Realignment and Closure Program Management Office West, requested that SulTech, a joint venture of Sullivan Consulting Group and Tetra Tech EM Inc., prepare this solid waste management unit (SWMU) evaluation report to summarize the results of all past assessments and investigations of the SWMUs within the operable unit (OU) 2B (Sites 3, 4, 11, and 21) at Alameda Point (formerly Naval Air Station [NAS] Alameda), in Alameda County, California. This report was prepared in accordance with Contract Task Order 0012, issued under the Architectural-Engineering Services to Provide Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)/ Resource Conservation and Recovery Act/Underground Storage Tank Studies, Contract Number N68711-03-D-5104.

This report applied the Navy SWMU integration approach to all 59 of the SWMUs within OU-2B (CERCLA Sites 3, 4, 11, and 21); all of these SWMUs are inactive. The integration approach resulted in a recommendation that 52 SWMUs be integrated with the Navy CERCLA program and that the remaining 7 be integrated with the Navy's Total Petroleum Hydrocarbon (TPH) program. The 52 SWMUs recommended for the CERCLA program were evaluated further using the requirements stipulated in the final hazardous waste facility permit for former NAS Alameda (U.S. Environmental Protection Agency Identification Number CA 2170023236) to support further corrective action decisions at Alameda Point. (No evaluations were conducted on the SWMUs recommended for the TPH program). Based on those evaluations, this report recommends no further action for 32 of these SWMUs and further actions for the other 20 SWMUs. In addition, this report recommends the use of feasibility studies, conducted under the CERCLA program, to address any corrective actions that might be indicated at the 20 SWMUs recommended for further action under CERCLA. The Navy is requesting concurrence on these recommendations.

I.1.0 INTRODUCTION

The U.S. Department of the Navy (Navy), Base Realignment and Closure Program Management Office West, requested that SulTech, a joint venture of Sullivan Consulting Group and Tetra Tech EM Inc. (Tetra Tech), prepare this solid waste management unit (SWMU) evaluation report to summarize the results of all past assessments and investigations of the SWMUs within operable unit (OU) 2B (Sites 3, 4, 11, and 21) at Alameda Point (formerly Naval Air Station [NAS] Alameda), in Alameda County, California. This report was prepared in accordance with Contract Task Order 0012, issued under the Architectural-Engineering Services to Provide Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)/ Resource Conservation and Recovery Act (RCRA)/Underground Storage Tank (UST) Studies, Contract Number N68711-03-D-5104.

All of the SWMUs are inactive and most have been physically removed. This evaluation report includes a recommendation of no further action (NFA) or further action for each SWMU within Sites 3, 4, 11, and 21 in OU-2B. Recommendations for NFA or further action are based on the analytical results presented in Section I.3.0. The Navy is requesting concurrence on the recommendations for each SWMU.

This evaluation report describes procedures, methods, and results of facility assessments and investigations of the SWMUs in OU-2B (Sites 3, 4, 11, and 21) and describes the general approach to investigating and evaluating potential remedies pertaining to SWMU corrective measures and closure at Alameda Point. This evaluation report is provided as an attachment to the remedial investigation (RI) report for OU-2B (Sites 3, 4, 11, and 21).

The SWMUs addressed in this report were evaluated using the requirements stipulated in the final hazardous waste facility permit for former NAS Alameda (U.S. Environmental Protection Agency [EPA] Identification [ID] Number CA 2170023236) to support further corrective action decisions at Alameda Point (California Environmental Protection Agency Department of Toxic Substances Control [DTSC] 1993).

The remainder of this attachment is divided into four sections. Section I.2.0 provides background information and the Navy's approaches for evaluating the SWMUs at Alameda Point. Section I.3.0 presents an evaluation for the SWMUs within OU-2B (Sites 3, 4, 11, and 21), and Section I.4.0 summarizes recommendations for those SWMUs. Finally, Section I.5.0 provides the references used to prepare this evaluation report.

I.2.0 BACKGROUND AND APPROACHES FOR EVALUATIONS OF SOLID WASTE MANAGEMENT UNITS

A "SWMU" is any unit at a hazardous waste facility from which hazardous constituents might migrate, irrespective of whether the unit was intended for the management of wastes (Title 22

California Code of Regulations Section 66260.10). At Alameda Point, SWMUs include areas of concern, generator accumulation points (GAP), CERCLA sites, oil-water separators (OWS), aboveground storage tanks (AST), USTs, washdown areas, and miscellaneous sites.

The following sections describe the history of SWMU assessments and investigations at Alameda Point (see Figure I2-1) and the Navy's approaches for ensuring that the results of those assessments and investigations are evaluated in a manner consistent with RCRA requirements.

I.2.1 HISTORY OF SOLID WASTE MANAGEMENT UNIT ASSESSMENTS AND INVESTIGATIONS

Most of the SWMUs at Alameda Point were first identified in 1991 in an initial RCRA facility assessment (RFA) (DTSC 1992), which was required to obtain a permit for the management of hazardous wastes in a number of specific management units no longer in operation at Alameda Point. According to Sections V.F through V.J of the final hazardous waste facility permit for Alameda Point (EPA ID CA 2170023236), information to support corrective action decisions regarding each SWMU was to be collected and submitted to DTSC. The permit described a typical RCRA corrective action process, which involves an analysis of RFA data to determine which SWMUs require further evaluation in a RCRA facility investigation (RFI) and requires the Navy to identify additional SWMUs, as appropriate, and include them in the corrective action process.

The initial RFA identified 151 SWMUs and concluded that a number of the SWMUs would need further investigation under an RFI, which is usually conducted under a series of RCRA permit modifications. After the final RCRA permit was issued, however, the Navy and the regulatory agencies determined that the most efficient and effective approach for assessing any additional SWMUs and conducting RFIs would be to take advantage of functionally equivalent investigations that have been and continue to be conducted under a number of other Navy environmental programs. Types of investigations include environmental baseline survey (EBS) investigations under the Base Realignment and Closure property transfer program; investigations of possible releases of total petroleum hydrocarbons (TPH) from sources such as pipelines, USTs, and ASTs under the TPH program; and site investigations and RIs under the CERCLA program. Subsequent to the RFA and as a result of the investigations described previously, 215 additional SWMUs were identified and assessed at Alameda Point. These additional SWMUs were included in the final supplemental EBS (Tetra Tech 2003).

The Navy received a letter dated November 1999 from DTSC with comments on the SWMUs following their review of the draft EBS; the final EBS was submitted in 2001 (International Technology Corporation 2001). For some of the SWMUs, DTSC concurred with the recommendation in the EBS for NFA. For most of the SWMUs located within a CERCLA site, DTSC withheld concurrence with NFA, pending resolution of each site's RI report (DTSC 1999).

Recognizing that the investigation and management of SWMUs had been divided among a number of Navy programs, the Navy developed a SWMU evaluation approach coupled with a SWMU integration approach to ensure that all the SWMUs at Alameda Point would be managed under the appropriate Navy program and would receive appropriate response actions. These two SWMU approaches are described in Sections I.2.2 and I.2.3 of this report.

I.2.2 SOLID WASTE MANAGEMENT UNIT EVALUATION APPROACH

The SWMU evaluation approach is a three-step process that begins by listing the SWMUs identified and investigated under each Navy program. In the next step, a SWMU profile is compiled for each SWMU; these profiles consist of descriptive information on each SWMU, the name of the Navy program that provided the functional equivalent of an RFA (and in some cases, an RFI) for the SWMU, and the results of all investigations conducted on that SWMU, including figures and tables, as needed. In the final step, each SWMU profile is analyzed to determine whether the functional equivalents of the elements of a RCRA corrective action process have been conducted and whether any additional actions are needed.

I.2.3 SOLID WASTE MANAGEMENT UNIT INTEGRATION APPROACH

The purpose of the SWMU integration approach is to facilitate appropriate actions for all SWMUs under the appropriate Navy and regulatory programs. The approach allows final decisions to be made for basewide integration concerning each SWMU, such that petroleum-related SWMUs are addressed under the TPH program, and most other SWMUs are addressed under the CERCLA program. Under the integration approach, any RCRA corrective action requirements for the SWMUs will be complied with under CERCLA remedial actions or under TPH corrective actions. Figure I2-2 shows the SWMU integration approach.

Based on an evaluation of each of the SWMU profiles according to the steps in the SWMU evaluation process (see Section I.2.2), the Navy is recommending either NFA or further action for each SWMU. If further action is recommended, future RCRA corrective action requirements for the SWMUs will be complied with under the appropriate Navy program. On an ongoing basis, the SWMUs will be evaluated to determine whether a SWMU has been or is being investigated under the appropriate Navy program. If a SWMU is found to be in the wrong program, it will be moved to the appropriate program.

Before developing the integration approach, the Navy and the regulators had decided that the "regulated" waste management units originally included in the interim status document and final permit for Alameda Point (EPA ID CA 2170023236) would continue to be investigated and closed under the Navy's RCRA program, with oversight from DTSC. These regulated units are, therefore, not included in the integration approach and are not described in this report.

As a result of the SWMU integration approach, most of the SWMUs located within OU-2B (Sites 3, 4, 11, and 21) were integrated with the CERCLA program and are evaluated in this

report (see Table I2-1). The remaining SWMUs located within OU-2B (Sites 3, 4, 11, and 21) were integrated with the TPH program and are not evaluated in this report (see Table I2-2).

The SWMU integration approach was submitted to DTSC in May 2004 for review; DTSC has not yet decided to accept the integration approach.

I.3.0 SOLID WASTE MANAGEMENT UNIT EVALUATION

Figure I3-1 shows the location of all of the SWMUs within OU-2B (Sites 3, 4, 11, and 21), including the SWMUs integrated with the CERCLA and TPH programs. Table I3-1 presents SWMU profiles for each of the SWMUs integrated with the CERCLA program. Each profile provides descriptive information on a SWMU, identifies the Navy program under which the SWMU was investigated, and presents the investigation results. Each profile also recommends either NFA or further action. Many of the profiles reference a figure for CERCLA Sites 3, 4, 11, or 21 (see Figures I3-2 through I3-7) that provides analytical data from soil or groundwater samples collected near the SWMU to examine potential sources of contamination and migration pathways. The analytical results are compared to TPH preliminary remediation criteria listed in the closure strategy for petroleum-contaminated sites (Navy 2001), residential preliminary remediation goals for soil (EPA 1996, 2002, 2004), background concentrations for metals in soil (Tetra Tech 2001b), or maximum contaminant levels for groundwater (California Department of Health Services 2003), as appropriate. A comprehensive set of data tables with soil and groundwater analytical results is provided in Appendix D of the RI report for OU-2B (Sites 3, 4, 11, and 21).

I.4.0 RECOMMENDATIONS

Of the 59 SWMUs within OU-2B, this report recommends integrating 52 of them with the CERCLA program, and the remaining 7 with the TPH program. Evaluations of the 52 SWMUs recommended for the CERCLA program resulted in recommendations of NFA for 32 of them, and further actions for the other 20 (No evaluations were conducted on the SWMUs recommended for the TPH program). In addition, this report recommends the use of feasibility studies, conducted under the CERCLA program, to address any corrective actions that might be indicated at the 20 SWMUs that are recommended for further action under CERCLA. The Navy is requesting concurrence on these recommendations.

I.5.0 REFERENCES

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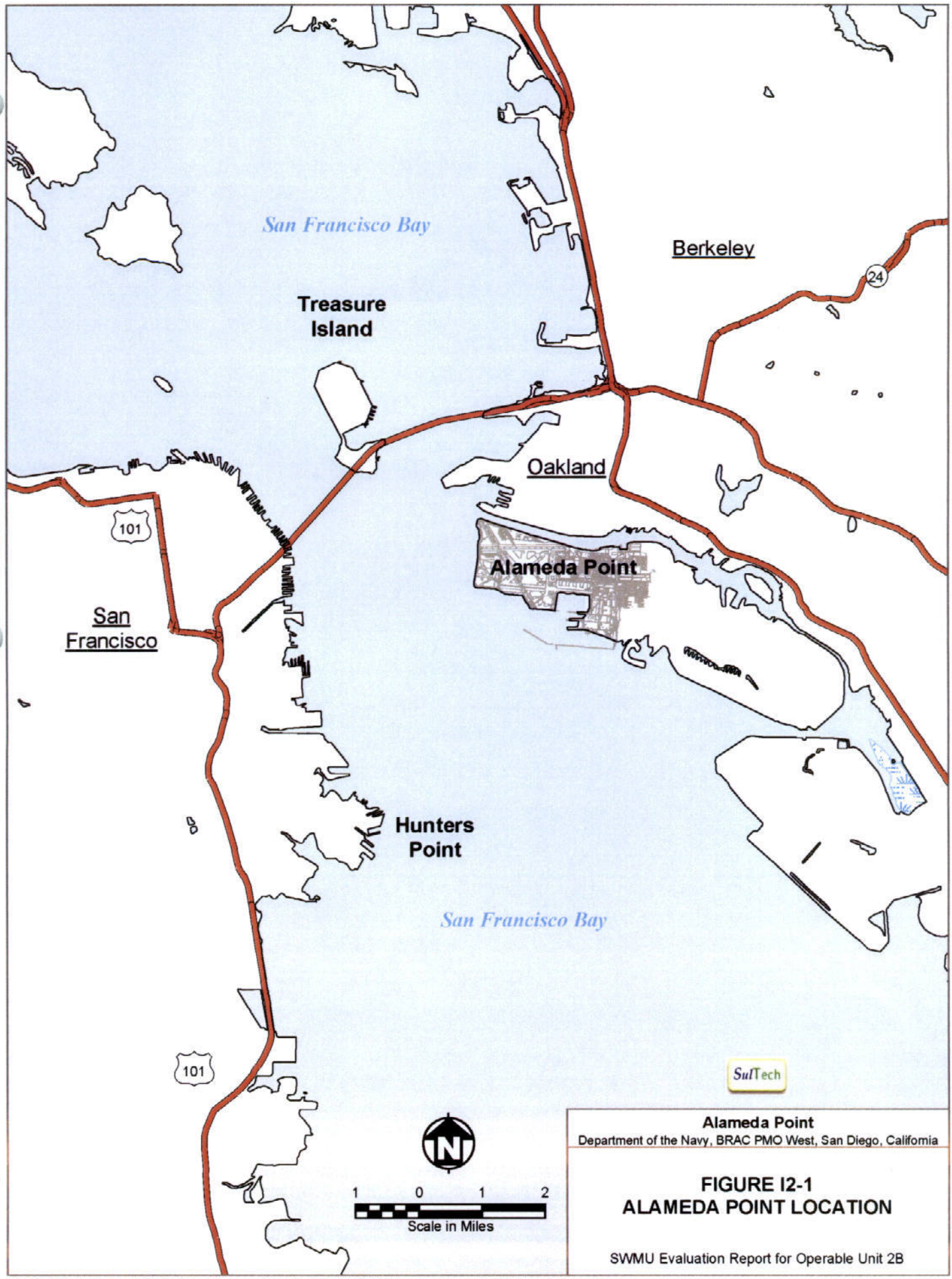
EPA. 2002. "Region 9 Preliminary Remediation Goals." October.

EPA. 2004. "Region 9 Preliminary Remediation Goals." October.

FIGURES



Alameda Point
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE I2-1
ALAMEDA POINT LOCATION

SWMU Evaluation Report for Operable Unit 2B

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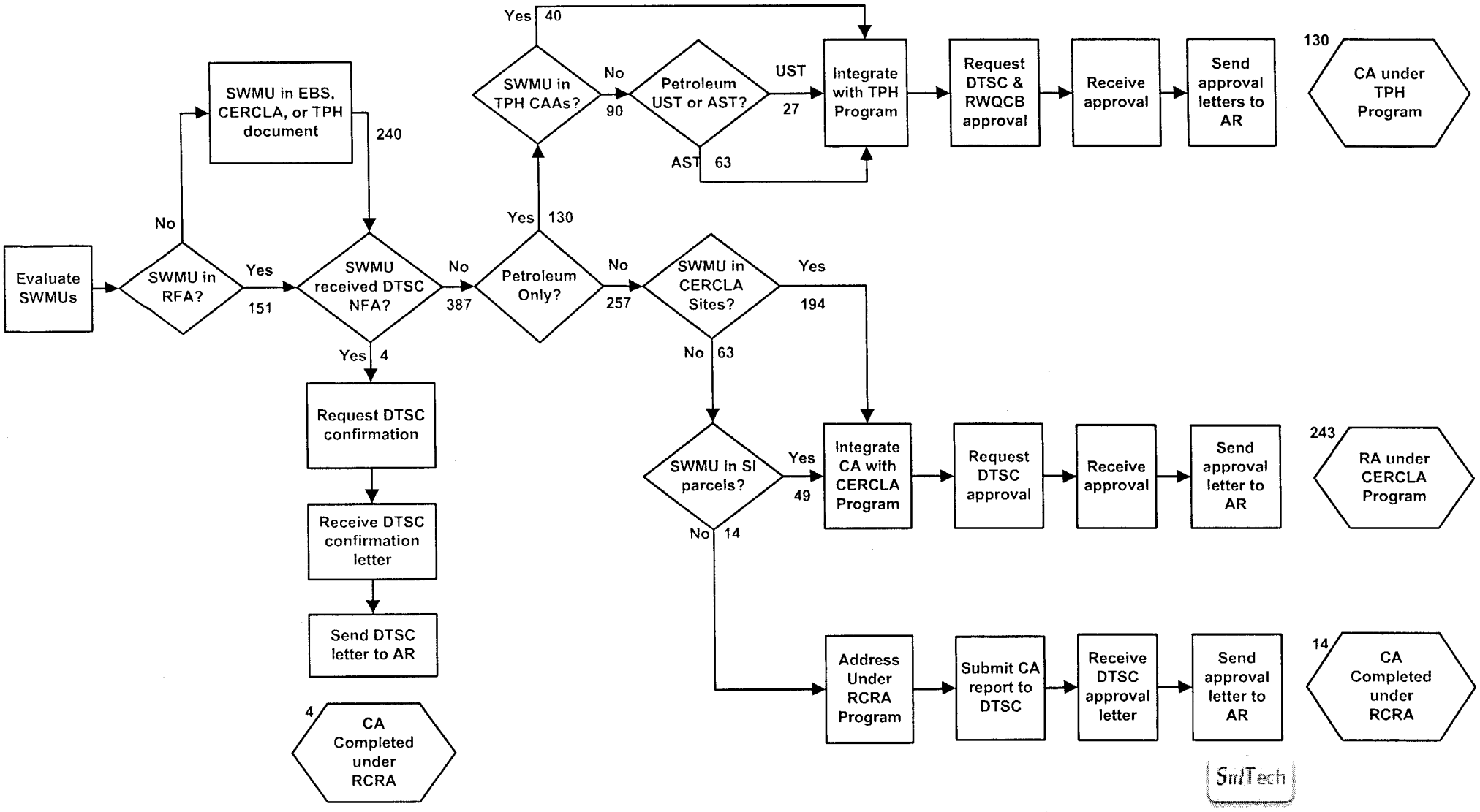

NOTES

1. SWMUs include CERCLA sites, USTs, ASTs, oil-water separators, washdown areas, and underground fuel pipelines but exclude RCRA-regulated units
2. Numbers indicate number of SWMUs

ACRONYMS

AR	Administrative Record
AST	Aboveground Storage Tank
CA	Corrective Action
CAA	Corrective Action Area
CERCLA	Comp. Env. Resp., Compensation, and Liability Act
DTSC	Cal EPA Department of Toxic Substances Control
EBS	Environmental Baseline Survey
NFA	No Further Action
RA	Response Action
RCRA	Resource Conservation and Recovery Act
RFA	RCRA Facility Assessment
RWQCB	Regional Water Quality Control Board
SI	Site Investigation
SWMU	Solid Waste Management Unit
TPH	Total Petroleum Hydrocarbon
UST	Underground Storage Tank

Alameda Point
Department of the Navy, BRAC PMO West, San Diego, CA

Figure I2-2
SOLID WASTE MANAGEMENT UNIT INTEGRATION APPROACH
RCRA Hazardous Waste Facility Permit
EPA ID CA 2170023236
NAS Alameda, Alameda, CA

SWMU Evaluation Report for Operable Unit 2B (Sites 3, 4, 11, and 21)

GENERATOR ACCUMULATION POINT (GAP)

OIL-WATER SEPARATOR (OWS)

ABOVEGROUND STORAGE TANK (AST)

- Present
- Removed

UNDERGROUND STORAGE TANK (UST), REMOVED

SWMUs INTEGRATED WITH THE TPH PROGRAM

BUILDING

- Present
- Removed

CERCLA SITE BOUNDARY

CERCLA SITE IN OPERABLE UNIT 2B

ENVIRONMENTAL BASELINE SURVEY (EBS) PARCEL AND NUMBER

LAND COVER

Notes:

AOC 398 consists of USTs 398-1 and 398-2.
UST(R)-06 consists of USTs 14-1 through 14-6.

AOC = Area of concern
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
NADEP = Naval Aviation Depot
NAS = Naval Air Station
RCRA = Resource Conservation and Recovery Act
SWMU = Solid Waste Management Unit
TPH = Total petroleum hydrocarbons
UST(R) = RCRA-identified UST

100 0 100 200 Feet

SulTech

Alameda Point

Department of the Navy, BRAC PMO West, San Diego, California

FIGURE I3-1
SWMUs Located Within Operable Unit 2B (Sites 3, 4, 11 and 21)

SWMU Evaluation Report for Operable Unit 2B

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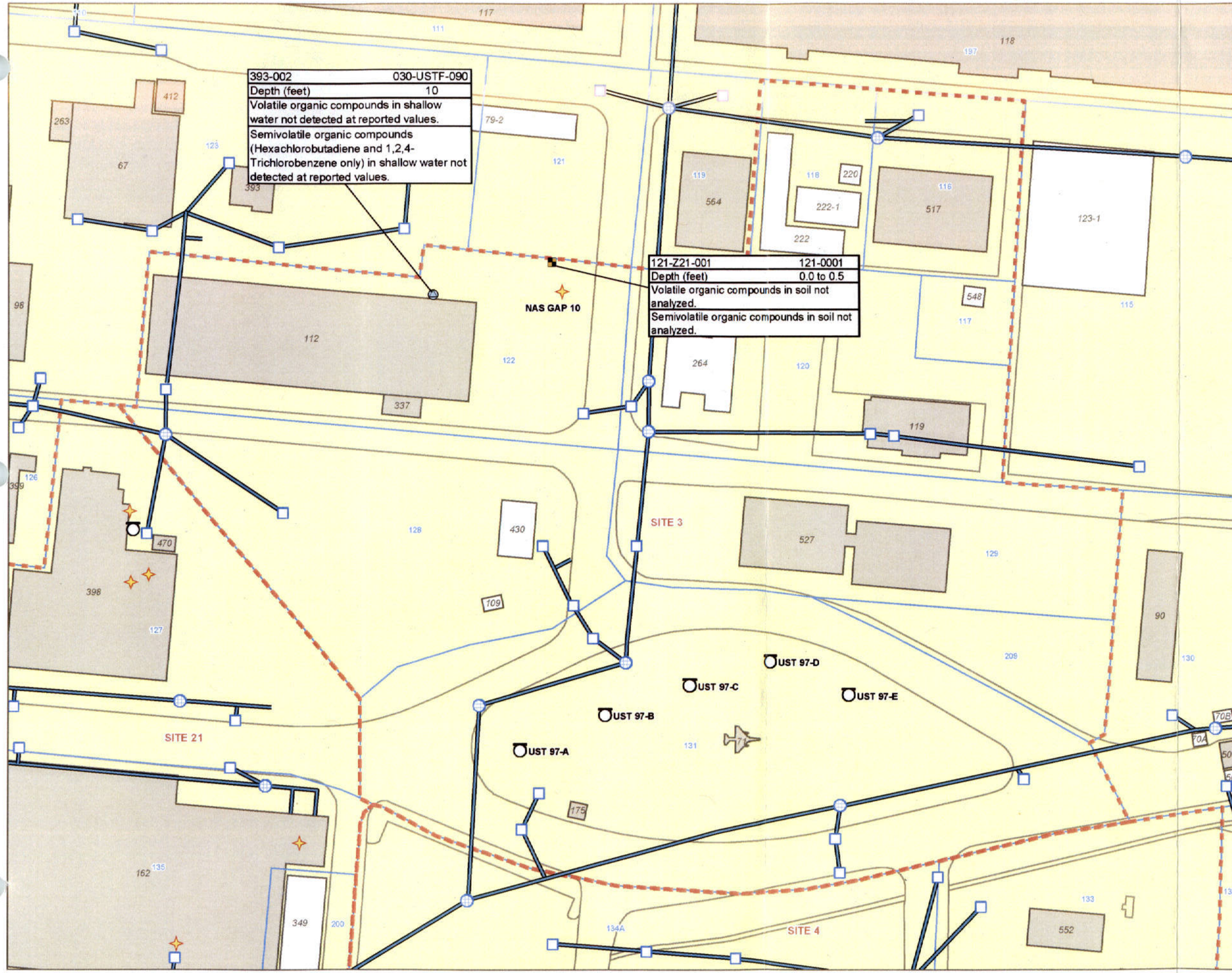

GROUNDWATER SAMPLING LOCATION

- Direct-Push

SOIL SAMPLING LOCATION

- Surface Location
- MANHOLE
- CATCH BASIN
- GENERATOR ACCUMULATION POINT (GAP)
- OIL-WATER SEPARATOR (OWS)
- UNDERGROUND STORAGE TANK (UST), REMOVED
- STORM SEWER LINE

BUILDING

- Present
- Removed
- CERCLA SITE BOUNDARY
- ENVIRONMENTAL BASELINE SURVEY (EBS) PARCEL AND NUMBER
- LAND COVER

Notes:

PAHs in shallow water not evaluated at 393-002.
Pesticides and herbicides in soil not evaluated at 121-Z21-001.

CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
NAS = Naval Air Station
PAH = Polynuclear aromatic hydrocarbon
SWMU = Solid Waste Management Unit

N

50 0 50 100 Feet

SulTech

Alameda Point
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE I3-2
Site 3 SWMU
Soil and Groundwater Sample Results

SWMU Evaluation Report for Operable Unit 2B

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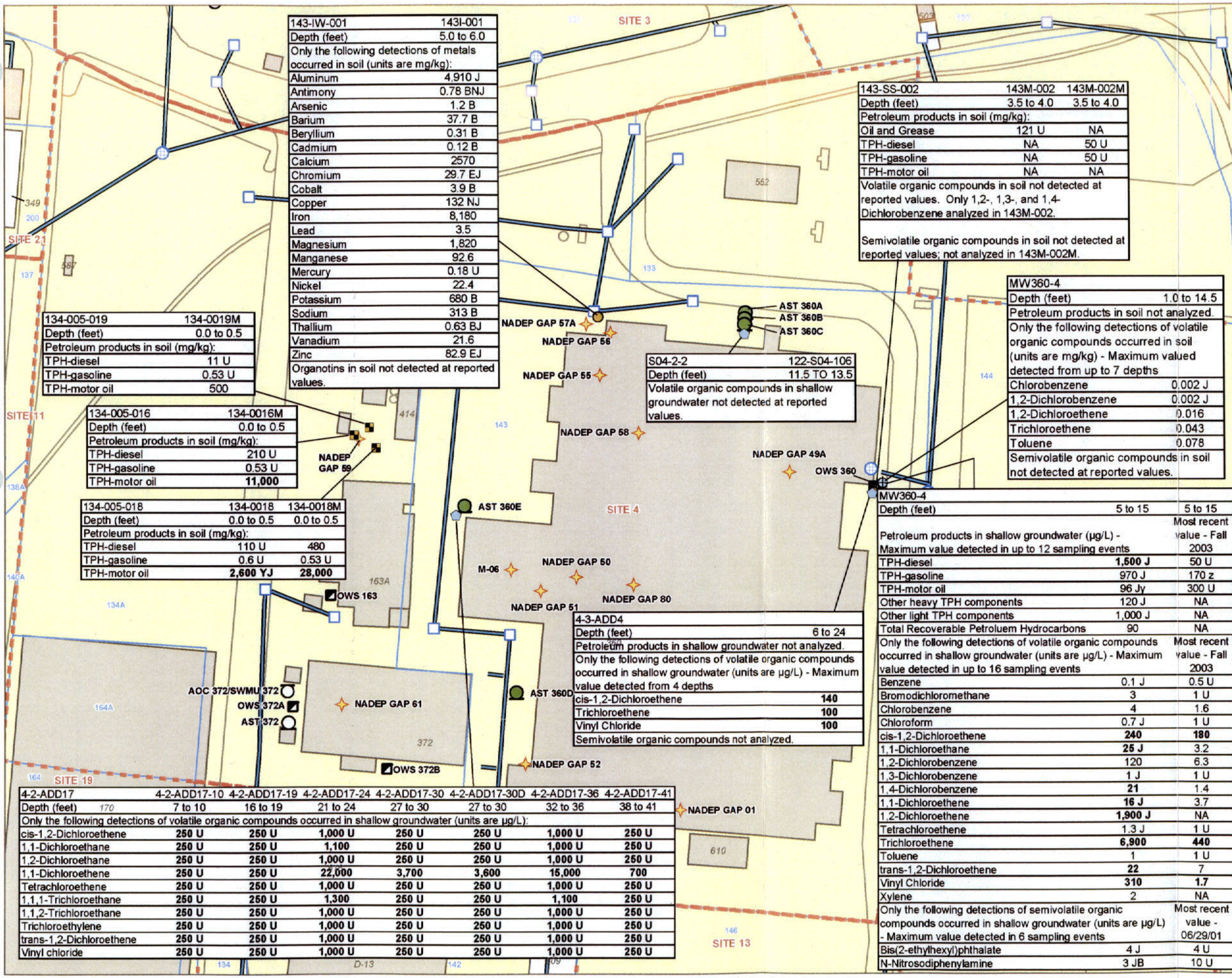

143-IW-001	143I-001
Depth (feet)	5.0 to 6.0
Only the following detections of metals occurred in soil (units are mg/kg):	
Aluminum	4,910 J
Antimony	0.78 BNJ
Arsenic	1.2 B
Barium	37.7 B
Beryllium	0.31 B
Cadmium	0.12 B
Calcium	2570
Chromium	29.7 EJ
Cobalt	3.9 B
Copper	132 NJ
Iron	8,180
Lead	3.5
Magnesium	1,820
Manganese	92.6
Mercury	0.18 U
Nickel	22.4
Potassium	680 B
Sodium	313 B
Thallium	0.63 BJ
Vanadium	21.6
Zinc	82.9 EJ
Organotins in soil not detected at reported values.	

143-SS-002	143M-002	143M-002M
Depth (feet)	3.5 to 4.0	3.5 to 4.0
Petroleum products in soil (mg/kg):		
Oil and Grease	121 U	NA
TPH-diesel	NA	50 U
TPH-gasoline	NA	50 U
TPH-motor oil	NA	NA
Volatile organic compounds in soil not detected at reported values. Only 1,2-, 1,3-, and 1,4-Dichlorobenzene analyzed in 143M-002.		
Semivolatile organic compounds in soil not detected at reported values; not analyzed in 143M-002M.		

134-005-019	134-0019M
Depth (feet)	0.0 to 0.5
Petroleum products in soil (mg/kg):	
TPH-diesel	11 U
TPH-gasoline	0.53 U
TPH-motor oil	500

134-005-016	134-0016M
Depth (feet)	0.0 to 0.5
Petroleum products in soil (mg/kg):	
TPH-diesel	210 U
TPH-gasoline	0.53 U
TPH-motor oil	**11,000**

134-005-018	134-0018	134-0018M
Depth (feet)	0.0 to 0.5	0.0 to 0.5
Petroleum products in soil (mg/kg):		
TPH-diesel	110 U	480
TPH-gasoline	0.6 U	0.53 U
TPH-motor oil	**2,600 YJ**	**28,000**

S04-2-2	122-S04-106
Depth (feet)	11.5 TO 13.5
Volatile organic compounds in shallow groundwater not detected at reported values.	

MW360-4	
Depth (feet)	1.0 to 14.5
Petroleum products in soil not analyzed.	
Only the following detections of volatile organic compounds occurred in soil (units are mg/kg) - Maximum valued detected from up to 7 depths	
Chlorobenzene	0.002 J
1,2-Dichlorobenzene	0.002 J
1,2-Dichloroethene	0.016
Trichloroethene	0.043
Toluene	0.078
Semivolatile organic compounds in soil not detected at reported values.	

4-3-ADD4	
Depth (feet)	6 to 24
Petroleum products in shallow groundwater not analyzed.	
Only the following detections of volatile organic compounds occurred in shallow groundwater (units are µg/L) - Maximum value detected from 4 depths	
cis-1,2-Dichloroethene	**140**
Trichloroethene	**100**
Vinyl Chloride	**100**
Semivolatile organic compounds not analyzed.	

4-2-ADD17	4-2-ADD17-10	4-2-ADD17-19	4-2-ADD17-24	4-2-ADD17-30	4-2-ADD17-30D	4-2-ADD17-36	4-2-ADD17-41
Depth (feet)	7 to 10	16 to 19	21 to 24	27 to 30	27 to 30	32 to 36	38 to 41
Only the following detections of volatile organic compounds occurred in shallow groundwater (units are µg/L):							
cis-1,2-Dichloroethene	**250 U**	**250 U**	**1,000 U**	**250 U**	**250 U**	**1,000 U**	**250 U**
1,1-Dichloroethane	**250 U**	**250 U**	**1,100**	**250 U**	**250 U**	**1,000 U**	**250 U**
1,2-Dichloroethane	**250 U**	**250 U**	**1,000 U**	**250 U**	**250 U**	**1,000 U**	**250 U**
1,1-Dichloroethene	**250 U**	**250 U**	**22,000**	**3,700**	**3,600**	**15,000**	**700**
Tetrachloroethene	**250 U**	**250 U**	**1,000 U**	**250 U**	**250 U**	**1,000 U**	**250 U**
1,1,1-Trichloroethane	**250 U**	**250 U**	**1,300**	**250 U**	**250 U**	**1,100**	**250 U**
1,1,2-Trichloroethane	**250 U**	**250 U**	**1,000 U**	**250 U**	**250 U**	**1,000 U**	**250 U**
Trichloroethylene	**250 U**	**250 U**	**1,000 U**	**250 U**	**250 U**	**1,000 U**	**250 U**
trans-1,2-Dichloroethene	**250 U**	**250 U**	**1,000 U**	**250 U**	**250 U**	**1,000 U**	**250 U**
Vinyl chloride	**250 U**	**250 U**	**1,000 U**	**250 U**	**250 U**	**1,000 U**	**250 U**

MW360-4		
Depth (feet)	5 to 15	5 to 15
Petroleum products in shallow groundwater (µg/L) - Maximum value detected in up to 12 sampling events		Most recent value - Fall 2003
TPH-diesel	**1,500 J**	50 U
TPH-gasoline	970 J	170 z
TPH-motor oil	96 Jy	300 U
Other heavy TPH components	120 J	NA
Other light TPH components	1,000 J	NA
Total Recoverable Petroluem Hydrocarbons	90	NA
Only the following detections of volatile organic compounds occurred in shallow groundwater (units are µg/L) - Maximum value detected in up to 16 sampling events		Most recent value - Fall 2003
Benzene	0.1 J	0.5 U
Bromodichloromethane	3	1 U
Chlorobenzene	4	1.6
Chloroform	0.7 J	1 U
cis-1,2-Dichloroethene	**240**	**180**
1,1-Dichloroethane	**25 J**	3.2
1,2-Dichlorobenzene	120	6.3
1,3-Dichlorobenzene	1 J	1 U
1,4-Dichlorobenzene	**21**	1.4
1,1-Dichloroethene	**16 J**	3.7
1,2-Dichloroethene	**1,900 J**	NA
Tetrachloroethene	1.3 J	1 U
Trichloroethene	**6,900**	**440**
Toluene	1	1 U
trans-1,2-Dichloroethene	**22**	7
Vinyl Chloride	**310**	**1.7**
Xylene	2	NA
Only the following detections of semivolatile organic compounds occurred in shallow groundwater (units are µg/L) - Maximum value detected in 6 sampling events		Most recent value - 06/29/01
Bis(2-ethylhexyl)phthalate	4 J	4 U
N-Nitrosodiphenylamine	3 JB	10 U

GROUNDWATER SAMPLING LOCATION
- Hydropunch
- Monitoring Well

SOIL SAMPLING LOCATION
- Soil Boring
- Surface Location
- MANHOLE
- CATCH BASIN
- GENERATOR ACCUMULATION POINT (GAP)
- OIL-WATER SEPARATOR (OWS)

ABOVEGROUND STORAGE TANK (AST)
- Present
- Removed
- UNDERGROUND STORAGE TANK (UST), REMOVED
- STORM SEWER LINE

BUILDING
- Present
- Removed
- CERCLA SITE BOUNDARY
- ENVIRONMENTAL BASELINE SURVEY (EBS) PARCEL AND NUMBER
- LAND COVER

Notes:
Bold values indicate "exceeds residential PRC, nonresidential PRC, and/or PRG; value exceeds MCL."
µg/L = Micrograms per liter
AOC = Area of Concern
B = Compound detected in an associated blank as well as the sample
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
E = Compound concentration exceeds the gas chromatograph/mass spectrometer (GC/MS) calibration range
J = Analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample
M = Mobile laboratory
MCL = Maximum Contaminant Level
mg/kg = Milligrams per kilogram
N = Value was estimated due to lack of calibration for the compound; however, there was presumptive evidence of the presence of the compound
NA = Not Analyzed
NADEP = Naval Aviation Depot
PRC = Preliminary Remediation Criteria
PRG = Preliminary Remediation Goal
SWMU = Solid Waste Management Unit
TPH = Total Petroleum Hydrocarbon
U = Analyzed for, but not detected (at reported value)
Y = Hydrocarbon mixture did not exhibit a reasonable pattern match with the calibration standard

50 0 50 100 Feet

N

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Department of the Navy, BRAC PMO West, San Diego, California

FIGURE I3-3
Site 4 (North) SWMU
Soil and Groundwater Sample Results

SWMU Evaluation Report for Operable Unit 2B

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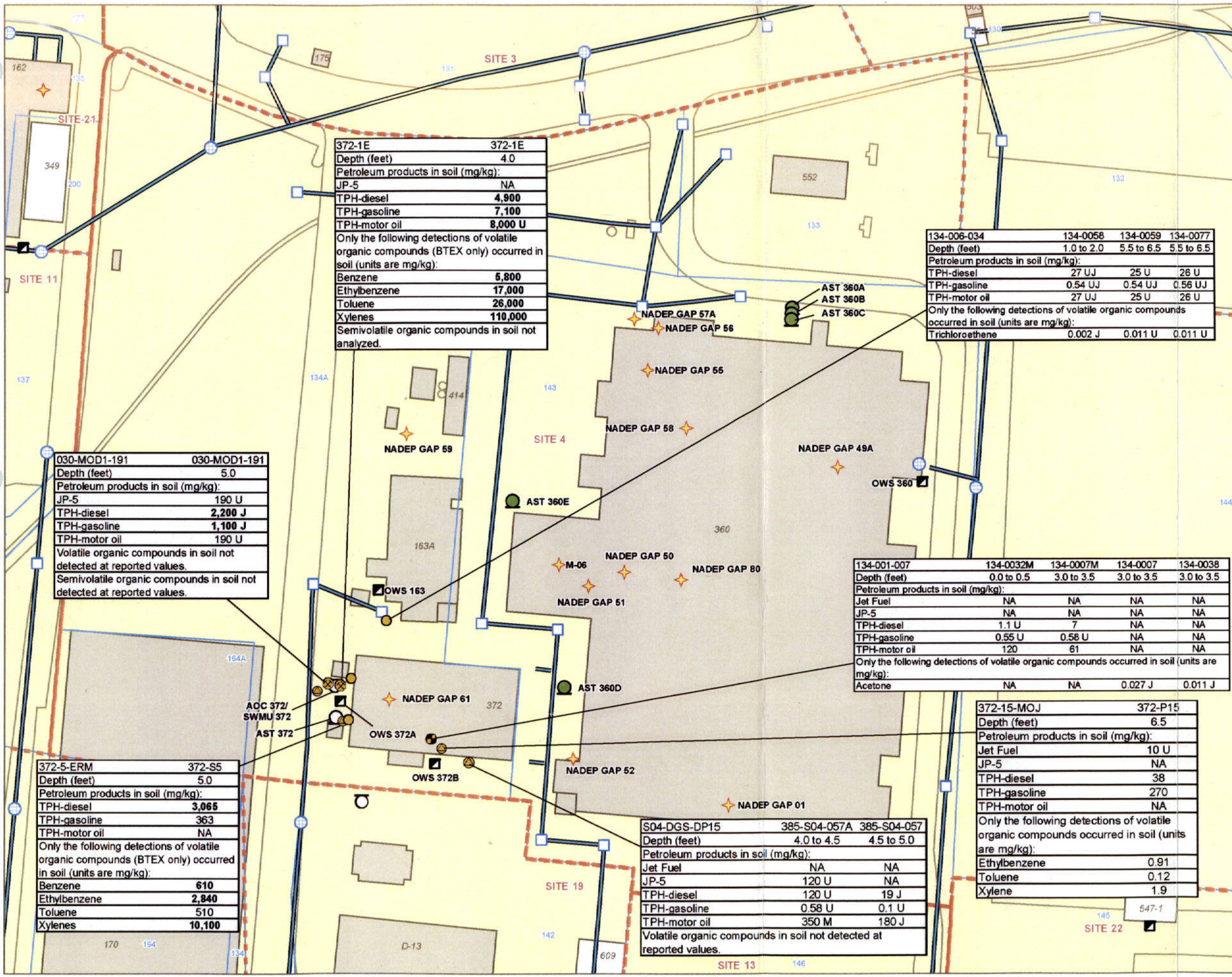

372-1E	372-1E
Depth (feet)	4.0
Petroleum products in soil (mg/kg):	
JP-5	NA
TPH-diesel	**4,900**
TPH-gasoline	**7,100**
TPH-motor oil	**8,000 U**
Only the following detections of volatile organic compounds (BTEX only) occurred in soil (units are mg/kg):	
Benzene	**5,800**
Ethylbenzene	**17,000**
Toluene	**26,000**
Xylenes	**110,000**
Semivolatile organic compounds in soil not analyzed.	

134-006-034	134-0058	134-0059	134-0077
Depth (feet)	1.0 to 2.0	5.5 to 6.5	5.5 to 6.5
Petroleum products in soil (mg/kg):			
TPH-diesel	27 UJ	25 U	26 U
TPH-gasoline	0.54 UJ	0.54 UJ	0.56 UJ
TPH-motor oil	27 UJ	25 U	26 U
Only the following detections of volatile organic compounds occurred in soil (units are mg/kg):			
Trichloroethene	0.002 J	0.011 U	0.011 U

030-MOD1-191	030-MOD1-191
Depth (feet)	5.0
Petroleum products in soil (mg/kg):	
JP-5	190 U
TPH-diesel	**2,200 J**
TPH-gasoline	**1,100 J**
TPH-motor oil	190 U
Volatile organic compounds in soil not detected at reported values.	
Semivolatile organic compounds in soil not detected at reported values.	

134-001-007	134-0032M	134-0007M	134-0007	134-0038
Depth (feet)	0.0 to 0.5	3.0 to 3.5	3.0 to 3.5	3.0 to 3.5
Petroleum products in soil (mg/kg):				
Jet Fuel	NA	NA	NA	NA
JP-5	NA	NA	NA	NA
TPH-diesel	1.1 U	7	NA	NA
TPH-gasoline	0.55 U	0.58 U	NA	NA
TPH-motor oil	120	61	NA	NA
Only the following detections of volatile organic compounds occurred in soil (units are mg/kg):				
Acetone	NA	NA	0.027 J	0.011 J

372-15-MOJ	372-P15
Depth (feet)	6.5
Petroleum products in soil (mg/kg):	
Jet Fuel	10 U
JP-5	NA
TPH-diesel	38
TPH-gasoline	270
TPH-motor oil	NA
Only the following detections of volatile organic compounds occurred in soil (units are mg/kg):	
Ethylbenzene	0.91
Toluene	0.12
Xylene	1.9

372-5-ERM	372-S5
Depth (feet)	5.0
Petroleum products in soil (mg/kg):	
TPH-diesel	**3,065**
TPH-gasoline	363
TPH-motor oil	NA
Only the following detections of volatile organic compounds (BTEX only) occurred in soil (units are mg/kg):	
Benzene	**610**
Ethylbenzene	**2,840**
Toluene	510
Xylenes	**10,100**

S04-DGS-DP15	385-S04-057A	385-S04-057
Depth (feet)	4.0 to 4.5	4.5 to 5.0
Petroleum products in soil (mg/kg):		
Jet Fuel	NA	NA
JP-5	120 U	NA
TPH-diesel	120 U	19 J
TPH-gasoline	0.58 U	0.1 U
TPH-motor oil	350 M	180 J
Volatile organic compounds in soil not detected at reported values.		

SOIL SAMPLING LOCATION
- Direct-Push
- Excavation
- Direct-Push
- Soil Boring
- Surface Location
- MANHOLE
- CATCH BASIN
- GENERATOR ACCUMULATION POINT (GAP)
- OIL-WATER SEPARATOR (OWS)

ABOVEGROUND STORAGE TANK (AST)
- Present
- Removed
- UNDERGROUND STORAGE TANK (UST), REMOVED
- STORM SEWER LINE

BUILDING
- Present
- Removed
- CERCLA SITE BOUNDARY
- ENVIRONMENTAL BASELINE SURVEY (EBS) PARCEL AND NUMBER
- LAND COVER

Notes:

Bold values indicate "Value exceeds residential PRC, nonresidential PRC, and/or PRG."
AOC = Area of Concern
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
J = Analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample
JP-5 = Jet propellant-5
M = Mobile laboratory
mg/kg = Milligrams per kilogram
NA = Not Analyzed
NADEP = Naval Aviation Depot
PRC = Preliminary Remediation Criteria
PRG = Preliminary Remediation Goal
SWMU = Solid Waste Management Unit
TPH = Total Petroleum Hydrocarbon
U = Analyzed for, but not detected (at reported value)
Y = Hydrocarbon mixture did not exhibit a reasonable pattern match with the calibration standard
Z = Chromatographic response did not resemble a typical fuel pattern

50 0 50 100 Feet

N

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FIGURE I3-4
Site 4 (South) SWMU
Soil Sample Results

SWMU Evaluation Report for Operable Unit 2B

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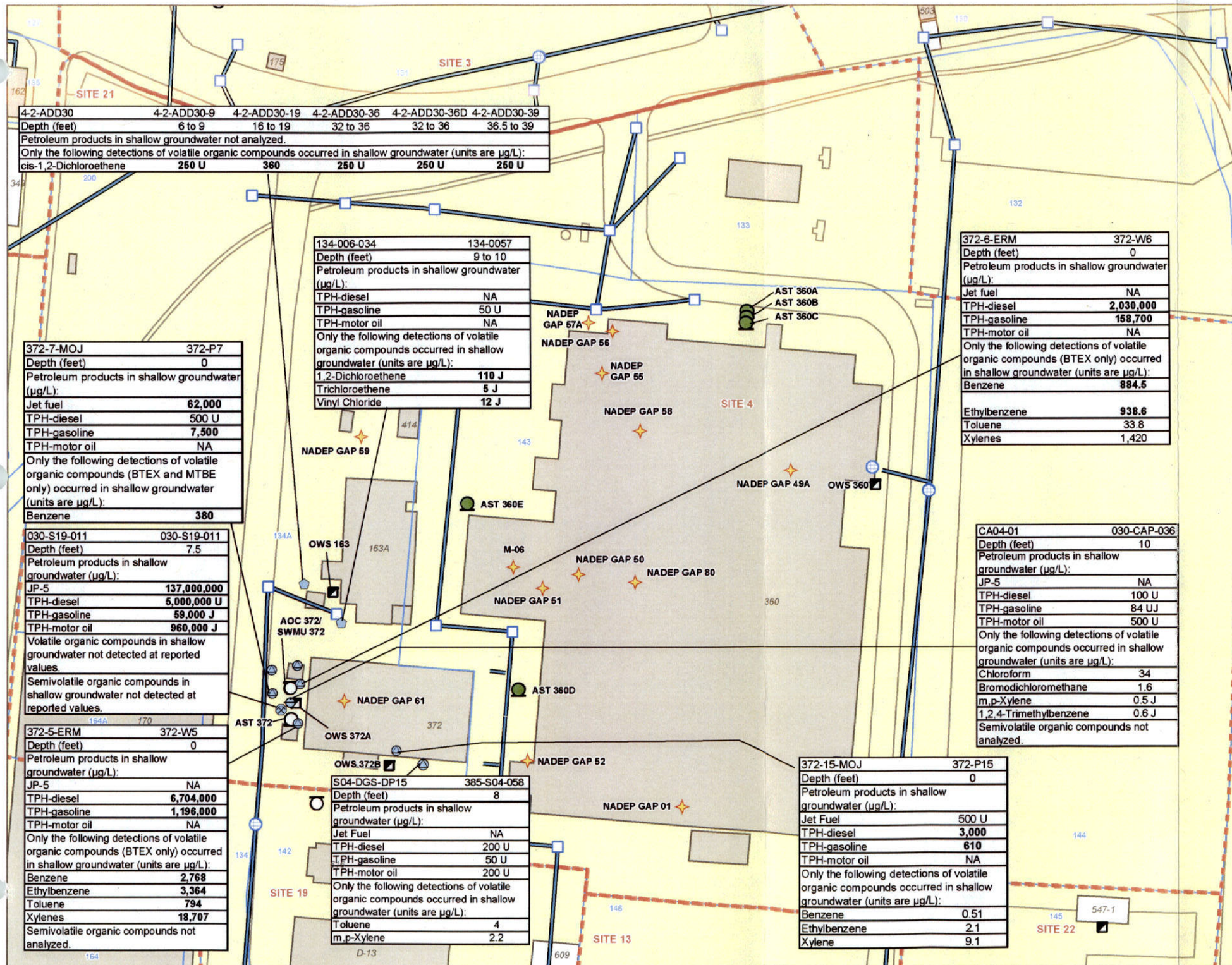

4-2-ADD30	4-2-ADD30-9	4-2-ADD30-19	4-2-ADD30-36	4-2-ADD30-36D	4-2-ADD30-39
Depth (feet)	6 to 9	16 to 19	32 to 36	32 to 36	36.5 to 39
Petroleum products in shallow groundwater not analyzed.					
Only the following detections of volatile organic compounds occurred in shallow groundwater (units are µg/L):					
cis-1,2-Dichloroethene	**250 U**	**360**	**250 U**	**250 U**	**250 U**

134-006-034	134-0057
Depth (feet)	9 to 10
Petroleum products in shallow groundwater (µg/L):	
TPH-diesel	NA
TPH-gasoline	50 U
TPH-motor oil	NA
Only the following detections of volatile organic compounds occurred in shallow groundwater (units are µg/L):	
1,2-Dichloroethene	**110 J**
Trichloroethene	**5 J**
Vinyl Chloride	**12 J**

372-6-ERM	372-W6
Depth (feet)	0
Petroleum products in shallow groundwater (µg/L):	
Jet fuel	NA
TPH-diesel	**2,030,000**
TPH-gasoline	**158,700**
TPH-motor oil	NA
Only the following detections of volatile organic compounds (BTEX only) occurred in shallow groundwater (units are µg/L):	
Benzene	**884.5**
Ethylbenzene	**938.6**
Toluene	33.8
Xylenes	1,420

372-7-MOJ	372-P7
Depth (feet)	0
Petroleum products in shallow groundwater (µg/L):	
Jet fuel	**62,000**
TPH-diesel	500 U
TPH-gasoline	**7,500**
TPH-motor oil	NA
Only the following detections of volatile organic compounds (BTEX and MTBE only) occurred in shallow groundwater (units are µg/L):	
Benzene	**380**

030-S19-011	030-S19-011
Depth (feet)	7.5
Petroleum products in shallow groundwater (µg/L):	
JP-5	**137,000,000**
TPH-diesel	**5,000,000 U**
TPH-gasoline	**59,000 J**
TPH-motor oil	**960,000 J**
Volatile organic compounds in shallow groundwater not detected at reported values.	
Semivolatile organic compounds in shallow groundwater not detected at reported values.	

CA04-01	030-CAP-036
Depth (feet)	10
Petroleum products in shallow groundwater (µg/L):	
JP-5	NA
TPH-diesel	100 U
TPH-gasoline	84 UJ
TPH-motor oil	500 U
Only the following detections of volatile organic compounds occurred in shallow groundwater (units are µg/L):	
Chloroform	34
Bromodichloromethane	1.6
m,p-Xylene	0.5 J
1,2,4-Trimethylbenzene	0.6 J
Semivolatile organic compounds not analyzed.	

372-5-ERM	372-W5
Depth (feet)	0
Petroleum products in shallow groundwater (µg/L):	
JP-5	NA
TPH-diesel	**6,704,000**
TPH-gasoline	**1,196,000**
TPH-motor oil	NA
Only the following detections of volatile organic compounds (BTEX only) occurred in shallow groundwater (units are µg/L):	
Benzene	**2,768**
Ethylbenzene	**3,364**
Toluene	**794**
Xylenes	**18,707**
Semivolatile organic compounds not analyzed.	

S04-DGS-DP15	385-S04-058
Depth (feet)	8
Petroleum products in shallow groundwater (µg/L):	
Jet Fuel	NA
TPH-diesel	200 U
TPH-gasoline	50 U
TPH-motor oil	200 U
Only the following detections of volatile organic compounds occurred in shallow groundwater (units are µg/L):	
Toluene	4
m,p-Xylene	2.2

372-15-MOJ	372-P15
Depth (feet)	0
Petroleum products in shallow groundwater (µg/L):	
Jet Fuel	500 U
TPH-diesel	**3,000**
TPH-gasoline	**610**
TPH-motor oil	NA
Only the following detections of volatile organic compounds occurred in shallow groundwater (units are µg/L):	
Benzene	0.51
Ethylbenzene	2.1
Xylene	9.1

SAMPLING LOCATION
- Direct-Push
- Excavation
- Direct-Push
- Hydropunch
- Piezometer
- MANHOLE
- CATCH BASIN
- GENERATOR ACCUMULATION POINT (GAP)
- OIL-WATER SEPARATOR (OWS)

ABOVEGROUND STORAGE TANK (AST)
- Present
- Removed
- UNDERGROUND STORAGE TANK (UST), REMOVED
- STORM SEWER LINE

BUILDING
- Present
- Removed
- CERCLA SITE BOUNDARY
- ENVIRONMENTAL BASELINE SURVEY (EBS) PARCEL AND NUMBER
- LAND COVER

Notes:

Bold values indicate "Value exceeds residential PRC or MCL."

µg/L = Micrograms per liter
AOC = Area of Concern
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
MCL = Maximum Contaminant Level
NADEP = Naval Aviation Depot
PRC = Preliminary Remediation Criteria
SWMU = Solid Waste Management Unit

50 0 50 100 Feet

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FIGURE I3-5
Site 4 (South) SWMU Groundwater Sample Results

SWMU Evaluation Report for Operable Unit 2B

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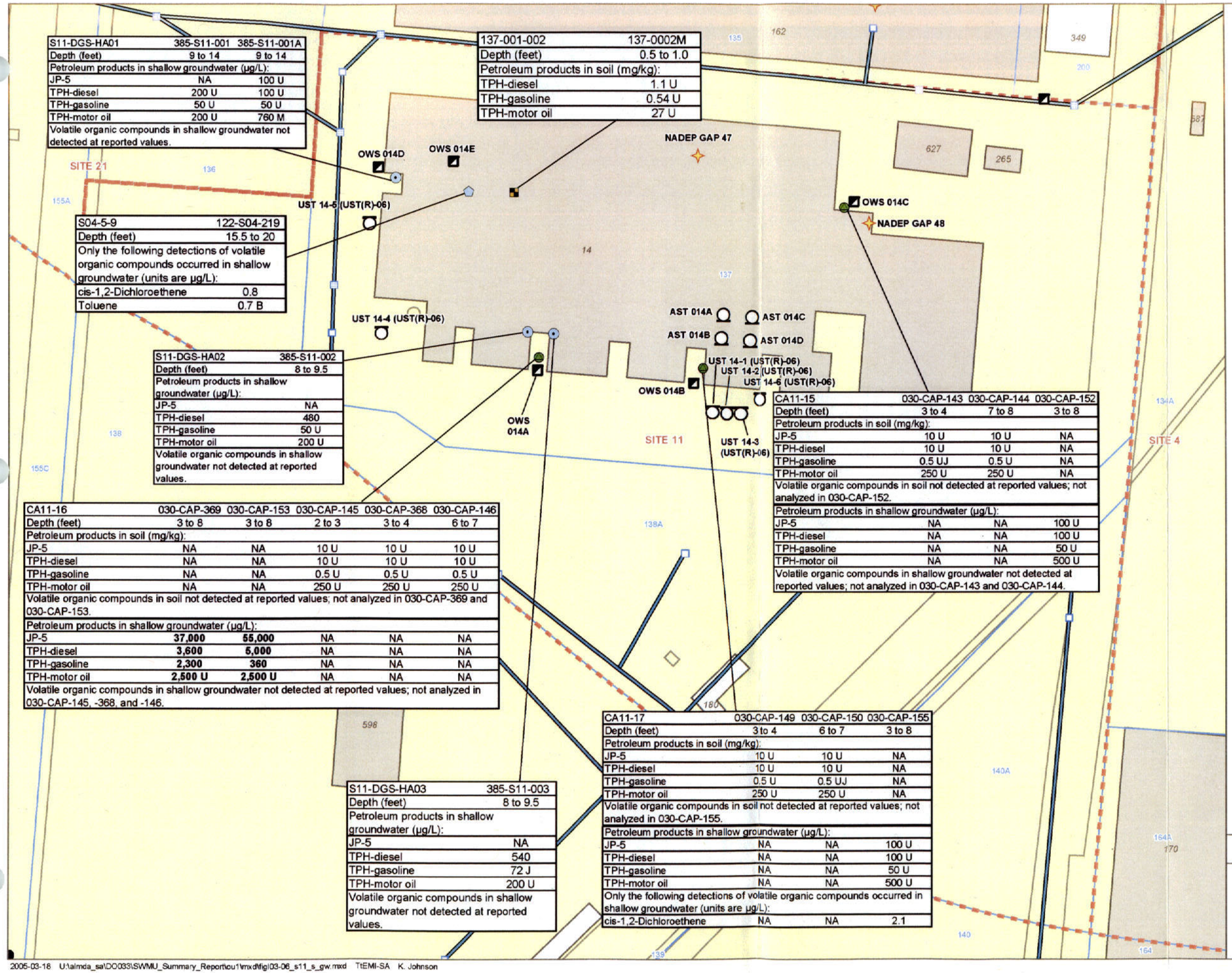

S11-DGS-HA01	385-S11-001	385-S11-001A
Depth (feet)	9 to 14	9 to 14
Petroleum products in shallow groundwater (µg/L):		
JP-5	NA	100 U
TPH-diesel	200 U	100 U
TPH-gasoline	50 U	50 U
TPH-motor oil	200 U	760 M
Volatile organic compounds in shallow groundwater not detected at reported values.		

137-001-002	137-0002M
Depth (feet)	0.5 to 1.0
Petroleum products in soil (mg/kg):	
TPH-diesel	1.1 U
TPH-gasoline	0.54 U
TPH-motor oil	27 U

S04-5-9	122-S04-219
Depth (feet)	15.5 to 20
Only the following detections of volatile organic compounds occurred in shallow groundwater (units are µg/L):	
cis-1,2-Dichloroethene	0.8
Toluene	0.7 B

S11-DGS-HA02	385-S11-002
Depth (feet)	8 to 9.5
Petroleum products in shallow groundwater (µg/L):	
JP-5	NA
TPH-diesel	480
TPH-gasoline	50 U
TPH-motor oil	200 U
Volatile organic compounds in shallow groundwater not detected at reported values.	

CA11-15	030-CAP-143	030-CAP-144	030-CAP-152
Depth (feet)	3 to 4	7 to 8	3 to 8
Petroleum products in soil (mg/kg):			
JP-5	10 U	10 U	NA
TPH-diesel	10 U	10 U	NA
TPH-gasoline	0.5 UJ	0.5 U	NA
TPH-motor oil	250 U	250 U	NA
Volatile organic compounds in soil not detected at reported values; not analyzed in 030-CAP-152.			
Petroleum products in shallow groundwater (µg/L):			
JP-5	NA	NA	100 U
TPH-diesel	NA	NA	100 U
TPH-gasoline	NA	NA	50 U
TPH-motor oil	NA	NA	500 U
Volatile organic compounds in shallow groundwater not detected at reported values; not analyzed in 030-CAP-143 and 030-CAP-144.			

CA11-16	030-CAP-369	030-CAP-153	030-CAP-145	030-CAP-368	030-CAP-146
Depth (feet)	3 to 8	3 to 8	2 to 3	3 to 4	6 to 7
Petroleum products in soil (mg/kg):					
JP-5	NA	NA	10 U	10 U	10 U
TPH-diesel	NA	NA	10 U	10 U	10 U
TPH-gasoline	NA	NA	0.5 U	0.5 U	0.5 U
TPH-motor oil	NA	NA	250 U	250 U	250 U
Volatile organic compounds in soil not detected at reported values; not analyzed in 030-CAP-369 and 030-CAP-153.					
Petroleum products in shallow groundwater (µg/L):					
JP-5	**37,000**	**55,000**	NA	NA	NA
TPH-diesel	**3,600**	**5,000**	NA	NA	NA
TPH-gasoline	**2,300**	**360**	NA	NA	NA
TPH-motor oil	**2,500 U**	**2,500 U**	NA	NA	NA
Volatile organic compounds in shallow groundwater not detected at reported values; not analyzed in 030-CAP-145, -368, and -146.					

CA11-17	030-CAP-149	030-CAP-150	030-CAP-155
Depth (feet)	3 to 4	6 to 7	3 to 8
Petroleum products in soil (mg/kg):			
JP-5	10 U	10 U	NA
TPH-diesel	10 U	10 U	NA
TPH-gasoline	0.5 U	0.5 UJ	NA
TPH-motor oil	250 U	250 U	NA
Volatile organic compounds in soil not detected at reported values; not analyzed in 030-CAP-155.			
Petroleum products in shallow groundwater (µg/L):			
JP-5	NA	NA	100 U
TPH-diesel	NA	NA	100 U
TPH-gasoline	NA	NA	50 U
TPH-motor oil	NA	NA	500 U
Only the following detections of volatile organic compounds occurred in shallow groundwater (units are µg/L):			
cis-1,2-Dichloroethene	NA	NA	2.1

S11-DGS-HA03	385-S11-003
Depth (feet)	8 to 9.5
Petroleum products in shallow groundwater (µg/L):	
JP-5	NA
TPH-diesel	540
TPH-gasoline	72 J
TPH-motor oil	200 U
Volatile organic compounds in shallow groundwater not detected at reported values.	

GROUNDWATER SAMPLING LOCATION
- Direct-Push
- Hand Auger
- Hydropunch

SOIL SAMPLING LOCATION
- Direct-Push
- Soil Boring

SOIL AND GROUNDWATER SAMPLING LOCATION
- Direct-Push
- MANHOLE
- CATCH BASIN
- GENERATOR ACCUMULATION POINT (GAP)
- OIL-WATER SEPARATOR (OWS)
- ABOVEGROUND STORAGE TANK (AST), REMOVED
- UNDERGROUND STORAGE TANK (UST), REMOVED
- STORM SEWER LINE

BUILDING
- Present
- Removed
- CERCLA SITE BOUNDARY
- ENVIRONMENTAL BASELINE SURVEY (EBS) PARCEL AND NUMBER
- LAND COVER

Notes:
Bold values indicate "Exceeds TPH PRC".
UST(R)-06 consists of USTs 14-1 through 14-6
µg/L = Micrograms per liter
B = Compound detected in an associated blank as well as the sample
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
J = Analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample
M = Mobile laboratory
MCL = Maximum Contaminant Level
mg/kg = Milligrams per kilogram
NA = Not analyzed
NADEP = Naval Aviation Depot
PRC = Preliminary Remediation Criteria
SWMU = Solid Waste Management Unit
TPH = Total Petroleum Hydrocarbon
U = Analyzed for, but not detected (at reported value)

30 0 30 60 Feet

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Alameda Point
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE I3-6
Site 11 SWMU
Soil and Groundwater Sample Results

SWMU Evaluation Report for Operable Unit 2B

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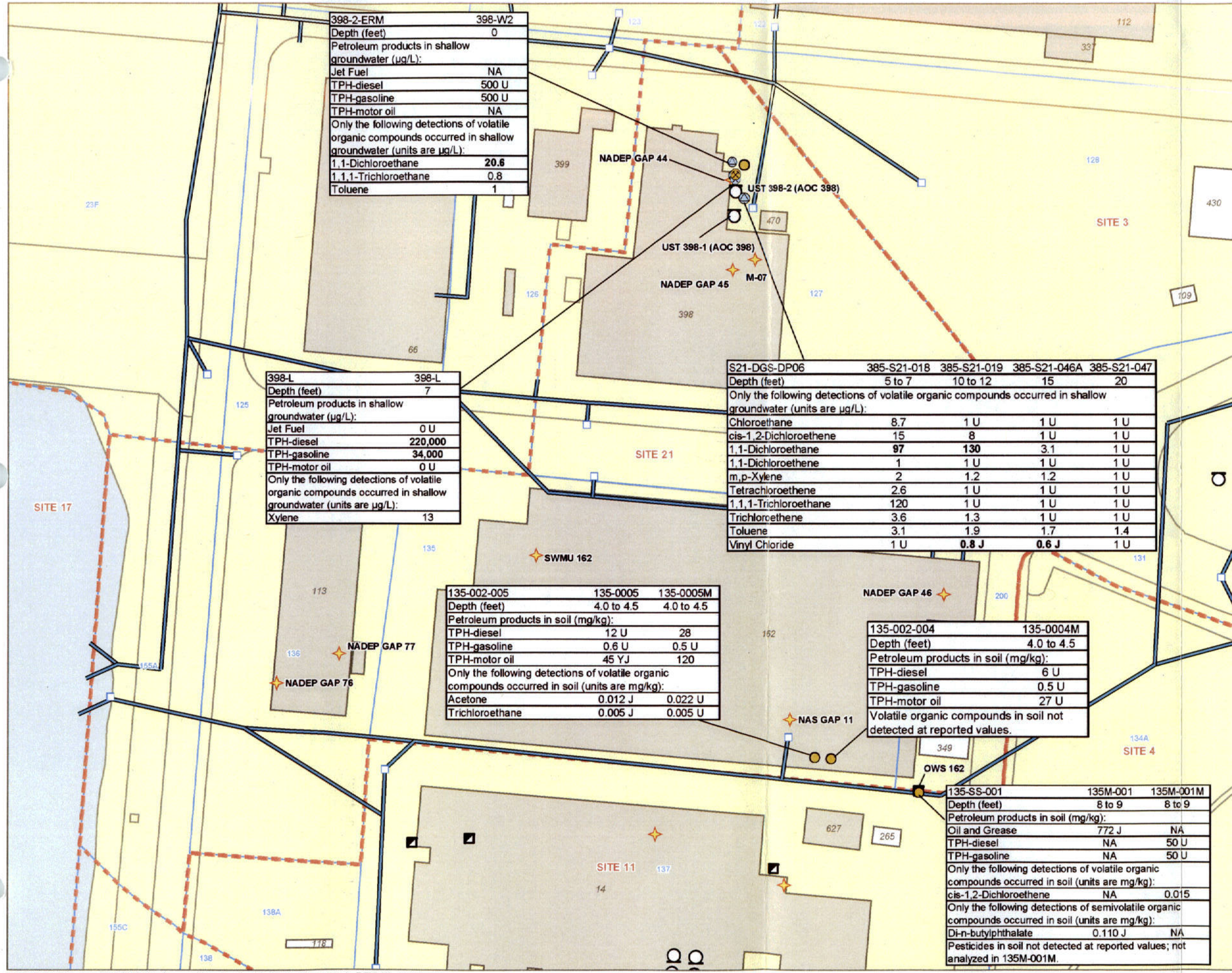
Continue



398-2-ERM	398-W2
Depth (feet)	0
Petroleum products in shallow groundwater (µg/L):	
Jet Fuel	NA
TPH-diesel	500 U
TPH-gasoline	500 U
TPH-motor oil	NA
Only the following detections of volatile organic compounds occurred in shallow groundwater (units are µg/L):	
1,1-Dichloroethane	**20.6**
1,1,1-Trichloroethane	0.8
Toluene	1

398-L	398-L
Depth (feet)	7
Petroleum products in shallow groundwater (µg/L):	
Jet Fuel	0 U
TPH-diesel	**220,000**
TPH-gasoline	**34,000**
TPH-motor oil	0 U
Only the following detections of volatile organic compounds occurred in shallow groundwater (units are µg/L):	
Xylene	13

S21-DGS-DP06	385-S21-018	385-S21-019	385-S21-046A	385-S21-047
Depth (feet)	5 to 7	10 to 12	15	20
Only the following detections of volatile organic compounds occurred in shallow groundwater (units are µg/L):				
Chloroethane	8.7	1 U	1 U	1 U
cis-1,2-Dichloroethene	15	8	1 U	1 U
1,1-Dichloroethane	**97**	**130**	3.1	1 U
1,1-Dichloroethene	1	1 U	1 U	1 U
m,p-Xylene	2	1.2	1.2	1 U
Tetrachloroethene	2.6	1 U	1 U	1 U
1,1,1-Trichloroethane	120	1 U	1 U	1 U
Trichloroethene	3.6	1.3	1 U	1 U
Toluene	3.1	1.9	1.7	1.4
Vinyl Chloride	1 U	**0.8 J**	**0.6 J**	1 U

135-002-005	135-0005	135-0005M
Depth (feet)	4.0 to 4.5	4.0 to 4.5
Petroleum products in soil (mg/kg):		
TPH-diesel	12 U	28
TPH-gasoline	0.6 U	0.5 U
TPH-motor oil	45 YJ	120
Only the following detections of volatile organic compounds occurred in soil (units are mg/kg):		
Acetone	0.012 J	0.022 U
Trichloroethane	0.005 J	0.005 U

135-002-004	135-0004M
Depth (feet)	4.0 to 4.5
Petroleum products in soil (mg/kg):	
TPH-diesel	6 U
TPH-gasoline	0.5 U
TPH-motor oil	27 U
Volatile organic compounds in soil not detected at reported values.	

135-SS-001	135M-001	135M-001M
Depth (feet)	8 to 9	8 to 9
Petroleum products in soil (mg/kg):		
Oil and Grease	772 J	NA
TPH-diesel	NA	50 U
TPH-gasoline	NA	50 U
Only the following detections of volatile organic compounds occurred in soil (units are mg/kg):		
cis-1,2-Dichloroethene	NA	0.015
Only the following detections of semivolatile organic compounds occurred in soil (units are mg/kg):		
Di-n-butylphthalate	0.110 J	NA
Pesticides in soil not detected at reported values; not analyzed in 135M-001M.		

GROUNDWATER SAMPLING LOCATION
- Direct-Push
- Geoprobe
- Excavation

SOIL SAMPLING LOCATION
- Excavation
- Soil Boring
- MANHOLE
- CATCH BASIN
- GENERATOR ACCUMULATION POINT (GAP)
- OIL-WATER SEPARATOR (OWS)
- ABOVEGROUND STORAGE TANK (AST), REMOVED
- UNDERGROUND STORAGE TANK (UST), REMOVED
- STORM SEWER LINE

BUILDING
- Present
- Removed
- CERCLA SITE BOUNDARY
- ENVIRONMENTAL BASELINE SURVEY (EBS) PARCEL AND NUMBER
- LAND COVER

Notes:
Bold values indicate "Exceeds PRG, MCL, or TPH PRC."
AOC 398 consists of USTs 398-1 and 398-2.

µg/L = Micrograms per liter
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
J = Analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample
M = Mobile laboratory
MCL = Maximum Contaminant Level
mg/kg = Milligrams per kilogram
NA = Not analyzed
NADEP = Naval Aviation Depot
PRC = Preliminary Remediation Criteria
PRG = Preliminary Remediation Goal
SWMU = Solid Waste Management Unit
TPH = Total Petroleum Hydrocarbon
U = Analyzed for, but not detected (at reported value)

40 0 40 80 Feet

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Alameda Point
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE I3-7
Site 21 SWMU
Soil and Groundwater Sample Results

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