

TABLE 1
Summary of Soil Cleanup Levels and Remediation Levels
 Unocal Edmonds Bulk Fuel Terminal Lower Yard
 Phase I Remedial Implementation As-built Report
 11720 Unoco Road
 Edmonds, Washington

Constituent of Concern:	Soil Cleanup Level or Remediation Level (mg/kg):	Note:
TPH	2,975	1
Benzene	18	2
Total cPAHs	0.14	3
Arsenic	20	4

Notes:

CUL = Cleanup Level.

REL = Remediation Level.

mg/kg = Milligrams per kilogram.

TPH = Total petroleum hydrocarbons.

DRO = Diesel range organics

GRO = Gasoline range organics

1. REL based on Method B direct contact. Assumes empirical demonstration will be used to show compliance with residual saturation concentrations (2,000 mg/kg for DRO and 1000 for
2. REL based on Method B direct contact. Assumes empirical demonstration will be used to show that direct contact cleanup level for benzene is also protective of groundwater
3. CUL based on Method B direct contact.
4. CUL based on natural background.

TABLE 2
Stockpile Soil Sample Analytical Results
 Unocal Edmonds Bulk Fuel Terminal Lower Yard
 Phase I Remedial Implementation As-built Report
 11720 Unoco Road
 Edmonds, Washington

Sample ID	Date Sampled	Sample Depth	BTEX (mg/kg)				Total cPAHs Adjusted for Toxicity (mg/kg)	Gasoline (mg/kg)	Diesel (mg/kg)	Heavy Oil (Lube) (mg/kg)	Total TPH (mg/kg)
			B	T	E	X					
			REL = 18 mg/kg				CUL = 0.14 mg/kg		REL = 2,975		
SP1-1-1	07/30/07	1	NA	NA	NA	NA	NA	10.7 U	26.7 U	18.7 UU	
SP1-1-4	07/30/07	4	NA	NA	NA	0.0388	NA	10.8 U	33.4	38.8	
SP1-2-3	07/30/07	3	NA	NA	NA	NA	NA	10.8 U	27.0 U	18.9 UU	
SP1-3-2	07/30/07	2	NA	NA	NA	NA	NA	10.8 U	27.0 U	18.9 UU	
SP1-4-16	07/30/07	16	NA	NA	NA	NA	NA	10.8 U	27.1 U	19.0 UU	
SP1-4-20	07/30/07	20	NA	NA	NA	NA	NA	10.7 U	26.8 U	18.8 UU	
SP1-5-12	07/30/07	12	NA	NA	NA	NA	NA	10.9 U	27.1 U	19.0 UU	
SP1-5-16	07/30/07	16	NA	NA	NA	NA	NA	11.1 U	27.7 U	19.4 UU	
SP1-6-5	07/30/07	5	NA	NA	NA	NA	NA	10.8 U	27.0 U	18.9 UU	
SP1-7-2	07/30/07	2	NA	NA	NA	NA	NA	10.9 U	27.2 U	19.1 UU	
SP1-7-12	07/30/07	12	NA	NA	NA	NA	NA	11.0 U	27.6 U	19.3 UU	
SP1-8-8	07/30/07	8	NA [NA]	NA [NA]	NA [NA]	NA [NA]	0.327 [NA]	NA [NA]	10.7 U [10.9 U]	30.3 [27.2 U]	35.7 [19.1 UU]
SP1-8-14	07/30/07	14	NA	NA	NA	NA	0.0637	NA	10.7 U	28.8	34.2
SP1-9-4	07/30/07	4	NA	NA	NA	NA	NA	10.8 U	27.0 U	18.9 UU	
SP1-10-1	07/30/07	1	NA	NA	NA	NA	0.00808	NA	11.8 JY	54.2	66.0 J
SP1-10-6	07/30/07	6	NA	NA	NA	NA	0.00818	NA	10.6 U	71.6	76.9
SP1-11-4	07/30/07	4	NA	NA	NA	NA	0.00815	NA	10.9 U	70.1	75.6
SP1-12-4	07/30/07	4	NA	NA	NA	NA	0.00800	NA	33.3 JY	297	330 J
SP1-13-3	07/30/07	3	NA	NA	NA	NA	NA	10.9 U	27.3 U	19.1 UU	
SP1-14-1	07/30/07	1	NA	NA	NA	NA	NA	10.7 U	26.7 U	18.7 UU	
SP1-14-9	07/30/07	9	NA	NA	NA	NA	NA	10.7 U	26.8 U	18.8 UU	
SP1-15-0	07/30/07	0	NA	NA	NA	NA	NA	10.4 U	25.9 U	18.2 UU	
SP1-15-10	07/30/07	10	NA	NA	NA	NA	0.0661	NA	10.8 U	30.9	36.3
SP1-16-0	07/30/07	0	NA	NA	NA	NA	0.00770	NA	10.3 U	64.0	69.2
SP1-16-2	07/30/07	2	NA	NA	NA	NA	NA	10.7 U	26.8 U	18.8 UU	
SP1-17-6	07/30/07	6	NA	NA	NA	NA	0.00823	NA	11.2 U	83.0	88.6
SP1-17-8	07/30/07	8	NA	NA	NA	NA	0.00815	NA	11.0 JY	101	112 J
SP1-18-9	07/30/07	9	NA	NA	NA	NA	0.00808	NA	10.8 U	45.1	50.5
SP1-18-11	07/30/07	11	NA	NA	NA	NA	0.00831	NA	11.1 U	70.9	76.5
SP1-19-3	07/30/07	3	NA	NA	NA	NA	0.00871	NA	59.7 JY	554	614 J
SP1-20-1	07/30/07	1	NA	NA	NA	NA	NA	10.5 U	26.2 U	18.4 UU	
SP1-21-0	07/30/07	0	NA	NA	NA	NA	NA	10.4 U	25.9 U	18.2 UU	
SP1-22-1	07/30/07	1	NA	NA	NA	NA	0.00807	NA	10.7 U	117	122
SP1-23-0	07/30/07	0	NA	NA	NA	NA	0.00770	NA	10.4 U	110	115
SP1-23-9	07/30/07	9	NA	NA	NA	NA	0.00831	NA	13.9 JY	121	135 J
SP1-24-5	07/30/07	5	NA	NA	NA	NA	0.00813	NA	13.2 JY	138	151 J
SP1-24-7	07/30/07	7	NA	NA	NA	NA	0.00806	NA	14.4 JY	130	144 J
SP2-25-1	07/30/07	1	NA [NA]	NA [NA]	NA [NA]	NA [NA]	0.00785 [0.00785]	NA [NA]	10.4 U [10.3 U]	32.1 [26.3]	37.3 [31.5]
SP2-26-0	07/30/07	0	NA	NA	NA	NA	NA	10.2 U	25.6 U	17.9 UU	
SP2-27-1	07/30/07	1	NA	NA	NA	NA	NA	10.3 U	25.7 U	18.0 UU	
SP2-28-0	07/30/07	0	NA	NA	NA	NA	0.00770	NA	10.2 U	62.8	67.9

TABLE 2
Stockpile Soil Sample Analytical Results
 Unocal Edmonds Bulk Fuel Terminal Lower Yard
 Phase I Remedial Implementation As-built Report
 11720 Unoco Road
 Edmonds, Washington

Sample ID	Date Sampled	Sample Depth	BTEX (mg/kg)				Total cPAHs Adjusted for Toxicity (mg/kg)	Gasoline (mg/kg)	Diesel (mg/kg)	Heavy Oil (Lube) (mg/kg)	Total TPH (mg/kg)
			B	T	E	X					
			REL = 18 mg/kg				CUL = 0.14 mg/kg		REL = 2,975		
SP2-28-1	07/30/07	1	NA	NA	NA	NA	NA	10.5 U	26.2 U	18.4 UU	
SP2-29-2	07/30/07	2	NA	NA	NA	NA	0.00785	10.4 U	54.1	59.3	
SP2-29-10	07/30/07	10	NA	NA	NA	NA	0.00808	11.3 JY	97.6	109 J	
SP2-30-2	07/30/07	2	NA [NA]	NA [NA]	NA [NA]	NA [NA]	0.00815 [0.00838]	10.9 U [11.1 U]	71.3 [87.3]	76.8 [92.9]	
SP2-31-6	07/30/07	6	NA	NA	NA	NA	NA	10.5 U	26.3 U	18.4 UU	
SP2-32-3	07/30/07	3	NA	NA	NA	NA	0.00800	18.0 JY	125	143 J	
SP2-33-2	07/30/07	2	NA	NA	NA	NA	0.00820	14.7 JY	123	138 J	
SP2-33-6	07/30/07	6	NA	NA	NA	NA	0.00823	19.0 JY	176	195 J	
SP2-34-2	07/30/07	2	NA	NA	NA	NA	0.00793	10.5 U	50.4	55.7	
SP2-34-6	07/30/07	6	NA [NA]	NA [NA]	NA [NA]	NA [NA]	0.00800 [0.00793]	10.7 U [10.6 U]	36.6 [34.5]	42.0 [39.8]	
SP2-35-4	07/30/07	4	NA	NA	NA	NA	0.00800	10.6 U	51.8	57.1	
SP3-1-0	08/27/07	0	NA [NA]	NA [NA]	NA [NA]	NA [NA]	0.00977 [0.00785]	10.2 U [10.4 U]	40.7 [52.0]	45.8 [57.2]	
SP3-2-6	08/27/07	6	NA	NA	NA	NA	NA	10.4 U	25.9 U	18.2 UU	
SP3-2-7	08/27/07	7	NA	NA	NA	NA	NA	10.6 U	26.5 U	18.6 UU	
SP3-3-7	08/27/07	7	NA	NA	NA	NA	0.00815	10.7 U	31.4	36.8	
SP3-4-2	08/27/07	2	NA	NA	NA	NA	0.00842	10.3 U	41.9	47.1	
SP3-4-10	08/27/07	10	NA	NA	NA	NA	0.00966	10.7 U	74.2	79.6	
SP3-5-6	08/27/07	6	NA	NA	NA	NA	0.0101	16.1 JY	149	165 J	
SP3-5-7	08/27/07	7	NA	NA	NA	NA	0.00987	10.7 U	77.8	83.2	
SP3-6-2	08/27/07	2	NA	NA	NA	NA	NA	10.6 U	26.5 U	18.6 UU	
SP3-6-6	08/27/07	6	NA	NA	NA	NA	0.00793	10.6 U	30.2	35.5	
SP3-7-0	08/27/07	0	NA	NA	NA	NA	0.00956	10.4 U	49.1	54.3	
SP3-7-8	08/27/07	8	NA	NA	NA	NA	0.0176	10.8 U	80.9	86.3	
SP3-8-4	08/27/07	4	NA	NA	NA	NA	NA	10.6 U	26.5 U	18.6 UU	
SP3-8-9	08/27/07	9	NA	NA	NA	NA	NA	10.9 U	27.2 U	19.1 UU	
SP3-9-0	08/27/07	0	NA	NA	NA	NA	0.00991	10.8 JY	85.5	96.3 J	
SP3-9-9	08/27/07	9	NA	NA	NA	NA	0.00978	10.8 U	35.7	41.1	
SP3-10-3	08/27/07	3	NA	NA	NA	NA	NA	10.6 U	26.5 U	18.6 UU	
SP3-11-4	08/27/07	4	NA	NA	NA	NA	NA	10.6 U	26.4 U	18.5 UU	
SP3-12-2	08/27/07	2	NA	NA	NA	NA	NA	10.6 U	26.4 U	18.5 UU	
SP3-12-10	08/27/07	10	NA [NA]	NA [NA]	NA [NA]	NA [NA]	0.00976 [0.00815]	10.7 U [11.0 JY]	52.5 [80.2]	57.9 [91.2 J]	
SP-B16B17B18-14-2-2-0	08/14/07	0	0.0285 U	0.0474 U	0.0474 U	0.0948 U	NA	4.74 U	10.2 U	25.5 U	20.2 UU
SP-B16B17B18-15-7-28-4	08/14/07	4	0.0285 U	0.0475 U	0.0475 U	0.0951 U	NA	4.75 U	10.2 U	25.6 U	20.3 UU
SP-B16B17B18-17-8-22-2	08/14/07	2	0.0285 U	0.0474 U	0.0474 U	0.0948 U	NA	4.74 U	10.5 U	26.3 U	20.8 UU
SP-B16B17B18-25-10-24-3	08/14/07	3	0.0283 U	0.0471 U	0.0471 U	0.0942 U	NA	4.71 U	10.3 U	25.9 U	20.5 UU
SP-B16B17B18-30-9-7-3	08/14/07	3	0.0260 U	0.0433 U	0.0433 U	0.0865 U	0.0892	4.33 U	40.2 JY	205	247 J
SP-B16B17B18-47-3-28-0	08/14/07	0	0.0294 U	0.0491 U	0.0491 U	0.0982 U	NA	4.91 U	10.4 U	26.0 U	20.7 UU
SP-B16B17B18-57-8-11-0	08/14/07	0	0.0296 U	0.0494 U	0.0494 U	0.0987 U	NA	4.94 U	10.5 U	26.1 U	20.8 UU
SP-B16B17B18-84-9-13-8	08/14/07	8	0.0281 U [0.0290 U]	0.0469 U [0.0483 U]	0.0469 U [0.0483 U]	0.0938 U [0.0965 U]	NA [NA]	4.69 U [4.83 U]	10.3 U [10.5 U]	25.8 U [26.4 U]	20.4 UU [20.9 UU]
SP-B16B17B18-104-3-25-2	08/14/07	2	0.0287 U	0.0479 U	0.0479 U	0.0957 U	NA	4.79 U	10.3 U	25.8 U	20.4 UU
SP-B16B17B18-105-4-1-1	08/14/07	1	0.0283 U	0.0472 U	0.0472 U	0.0943 U	NA	4.72 U	10.2 U	25.5 U	20.2 UU
SP-WW-22-6-23-1	08/08/07	1	0.0316 U	0.0526 U	0.0526 U	0.105 U	0.00800	5.26 U	35.0 Q4	84.3 Q4	122

TABLE 2
Stockpile Soil Sample Analytical Results
 Unocal Edmonds Bulk Fuel Terminal Lower Yard
 Phase I Remedial Implementation As-built Report
 11720 Unoco Road
 Edmonds, Washington

Sample ID	Date Sampled	Sample Depth	BTEX (mg/kg)				Total cPAHs Adjusted for Toxicity (mg/kg)	Gasoline (mg/kg)	Diesel (mg/kg)	Heavy Oil (Lube) (mg/kg)	Total TPH (mg/kg)
			B	T	E	X					
			REL = 18 mg/kg								
SP-WW-30-7-15-1	08/08/07	1	0.0328 U	0.0546 U	0.0546 U	0.109 U	0.00831	5.46 U	34.4 Q4	46.7 Q4	83.8
SP-WW-34-5-13-0	08/08/07	0	0.0323 U [0.0324 U]	0.0538 U [0.0541 U]	0.0538 U [0.0541 U]	0.108 U [0.108 U]	0.0225 [0.00831]	5.38 U [5.41 U]	43.8 Q4 [23.8 Q4]	39.9 Q4 [47.8 Q4]	86.4 [74.3]
SP-WW-41-7-6-4	08/08/07	4	0.0321 U	0.0536 U	0.0536 U	0.107 U	0.00800	5.36 U	28.8 Q4	45.8 Q4	77.3
SP-WW-49-7-9-6	08/08/07	6	0.0331 U	0.0552 U	0.0552 U	0.110 U	0.00838	5.52 U	48.3 Q4	58.1 Q4	109

Notes:

BTEX analyzed by EPA Method 8021B.
 cPAHs analyzed by EPA Method 8270 SIM.
 Gasoline analyzed by method NWTPH-G.
 Diesel and Heavy Oil (Lube) analyzed by method NWTPH-D Extended.
 Total TPH calculated by summing the concentrations of gasoline, diesel and heavy oil. If one or more TPH constituents were reported as Non-Detect, half of the reporting limit value was added to the total.
 cPAHs adjusted for toxicity according to WAC 173-340-708(8) and *Air Toxics Hot Spots Program Risk Assessment Guidelines, Part II Technical Support Document for Describing Available Cancer Potency Factors*. Office of Environmental Health Hazard Assessment, California EPA, May 2005. If one or more adjusted cPAH constituents were reported as Non-Detect, half of the reporting limit was used in calculations.
 Highlighted cells indicate concentration exceeds REL or CUL.
 [] = Bracketed data indicate duplicate sample.
 Sample depth listed as feet below the top of the stockpile.

BTEX = Benzene, toluene, ethylbenzene, and total xylenes
 mg/kg = Milligrams per kilogram
 cPAHs = Carcinogenic polycyclic aromatic hydrocarbons
 TPH = Total petroleum hydrocarbons
 REL = Remediation level
 CUL = Cleanup level
 NA = Not analyzed
 EPA = Environmental Protection Agency

Lab Qualifiers	Definition
J	Indicates an estimated value.
JY	Results in the diesel organics range are primarily due to overlap from a heavy oil range product.
Q4	The hydrocarbons present are a complex mixture of diesel range and heavy oil range organics.
U	The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
UJ	The compound was analyzed for but not detected. The associated value is the estimated compound quantitation limit.
UU	The constituents making up the total are all non-detects.

TABLE 3
Summary of Phase I Excavations
 Unocal Edmonds Bulk Fuel Terminal Lower Yard
 Phase I Remedial Implementation As-built Report
 11720 Unoco Road
 Edmonds, Washington

Excavation Name	Final Excavation Size ¹	
	Final Area of Excavation (ft ²)	Final Volume of Excavation (yd ³)
Total Proposed	147,296	43,643
A1	34,202	14,379
A2, B6, B11, B20	59,588	22,195
A3, B13	25,716	7,964
A4, B8	24,474	7,579
B1	5,140	62
B2	2,803	789
B3	20,206	7,410
B4	1,335	248
B5	128	350
B9, B10	18,157	7,165
B14, B15, B16, B17, B18, B19	16,363	4,071
B21	300	20
Total Final	198,586	72,232

Notes:

ft² = Square feet

yd³ = Cubic yard

¹ = Values calculated using an integration function on AutoCAD.

TABLE 4
Excavation Soil Sample Analytical Results
Unocal Edmonds Bulk Fuel Terminal Lower Yard
Phase I Remedial Implementation As-built Report
11720 Unoco Road
Edmonds, Washington

Sample ID	Sample Depth (feet bgs)	Date Sampled	BTEX (mg/kg)				Total cPAHs Adjusted for Toxicity (mg/kg) CUL = 0.14 mg/kg	Gasoline (mg/kg)	Diesel (mg/kg)	Heavy Oil (Lube) (mg/kg)	Total TPH (mg/kg) REL = 2,975
			B	T	E	X					
			REL = 18 mg/kg								
B2-TP1-5	5	02/18/08	0.0305 U	0.0508 U	0.0508 U	0.102 U	0.0179	23.6 JZ	2,170 Q9	393 Q9	2,590 J
B2-TP1-10	10	02/18/08	0.0371 U	0.0618 U	0.0618 U	0.124 U	0.0370	9.96 JZ	211 Q9	60.8	282 J
B2-TP1-15	15	02/18/08	0.0325 U	0.0541 U	0.0541 U	0.108 U	0.00893	12.7 JZ	274 Q9	76.9	364 J
B2-TP2-5	5	02/18/08	0.0371 U	0.0619 U	0.0619 U	0.124 U	0.00853	6.19 U	54.6 Q9	103	161
B2-TP2-10	10	02/18/08	0.0319 U	0.0532 U	0.0532 U	0.106 U	0.00846	25.9 JZ	105 Q9	46.2	177 J
B2-TP2-13	13	02/18/08	0.341 U	0.568 U	0.568 U	3.40	0.519	659 JZ	1,680	1,120	3,460 J
EX-A1-C-16-7	7	11/15/07	0.0303 U	0.0504 U	0.0504 U	0.101 U	NA	5.04 U	11.9 U	29.6 U	23.3 UU
EX-A1-C-16-NSW-3	3	11/15/07	0.0301 U	0.0502 U	0.0502 U	0.100 U	0.00892	5.02 U	93.9 Q4	165 Q4	261
EX-A1-C-17-3	3	11/15/07	0.0608	0.0771	0.0499 U	0.0998 U	0.0154	19.5	70.6 Q4	123 Q4	213
EX-A1-D-16-12	12	11/19/07	0.0299 U	0.0498 U	0.0498 U	0.0996 U	NA	4.98 U	12.1 U	30.2 U	23.6 UU
EX-A1-D-17-12	12	11/15/07	0.0294 U	0.0490 U	0.0490 U	0.0981 U	NA	4.90 U	12.6 U	31.5 U	24.5 UU
EX-A1-D-17-ESW-5	5	11/15/07	0.0316 U	0.0526 U	0.0526 U	0.105 U	NA	5.26 U	11.7 U	29.1 U	23.0 UU
EX-A1-D-17-ESW-10	10	11/15/07	0.0272 U	0.0453 U	0.0453 U	0.0907 U	NA	4.53 U	11.7 U	29.4 U	22.8 UU
EX-A1-E-15-15	15	11/08/07	0.0299 U	0.0498 U	0.0498 U	0.0996 U	NA	4.98 U	12.3 U	30.7 U	24.0 UU
EX-A1-E-16-15	15	11/08/07	0.0279 U [0.0311 U]	0.0465 U [0.0518 U]	0.0465 U [0.0518 U]	0.0930 U [0.104 U]	NA [NA]	4.65 U [5.18 U]	11.6 U [12.6 U]	29.0 U [31.5 U]	22.6 UU [24.6 UU]
EX-A1-E-17-12	12	11/14/07	0.0291 U	0.0485 U	0.0485 U	0.0970 U	NA	4.85 U	12.2 U	30.4 U	23.7 UU
EX-A1-E-17-ESW-4	4	11/15/07	0.0637	0.0514 U	0.0514 U	0.103 U	NA	5.14 U	12.2 U	30.6 U	24.0 UU
EX-A1-F-15-15	15	11/08/07	0.0270 U	0.0451 U	0.0451 U	0.0902 U	NA	4.51 U	12.2 U	30.4 U	23.6 UU
EX-A1-F-16-15	15	11/08/07	0.137	0.0454 U	0.0454 U	0.0907 U	NA	4.54 U	12.0 U	30.1 U	23.3 UU
EX-A1-F-17-3	3	10/29/07	0.0267 U	0.0444 U	0.0444 U	0.0889 U	NA	4.44 U	11.2 U	28.0 U	21.8 UU
EX-A1-F-17-12	12	11/14/07	0.0301 U	0.0501 U	0.0501 U	0.100 U	NA	5.01 U	12.3 U	30.8 U	24.1 UU
EX-A1-F-18-4	4	10/29/07	0.0979 [0.0591]	0.0816 [0.0492]	0.351 [0.222]	1.01 [0.670]	0.0432 [0.0441]	201 JZ [139 JZ]	405 Q11 [1,020 Q11]	158 [339]	764 J [1,500 J]
EX-A1-F-18-5	5	11/05/07	0.0273 U [0.0291 U]	0.0455 U [0.0485 U]	0.0455 U [0.0485 U]	0.0911 U [0.0970 U]	NA [NA]	4.55 U [4.85 U]	11.3 U [11.3 U]	28.2 U [28.3 U]	22.0 UU [22.2 UU]
EX-A1-G-15-15	15	11/08/07	0.0289 U	0.0482 U	0.0482 U	0.0964 U	NA	4.82 U	11.7 U	29.3 U	22.9 UU
EX-A1-G-16-15	15	10/31/07	0.0387	0.0494 U	0.0494 U	0.0989 U	NA	4.94 U	11.7 U	29.3 U	23.0 UU
EX-A1-G-17-15	15	10/29/07	0.0291 U	0.0485 U	0.0485 U	0.0970 U	NA	4.85 U	12.0 U	30.1 U	23.5 UU
EX-A1-H-15-15	15	11/08/07	0.0291 U	0.0486 U	0.0486 U	0.0971 U	NA	4.86 U	12.8 U	31.9 U	24.8 UU
EX-A1-H-16-15	15	10/31/07	0.0303 U	0.0505 U	0.0505 U	0.101 U	NA	5.05 U	11.7 U	29.4 U	23.1 UU
EX-A1-H-17-15	15	10/29/07	0.0298 U [0.0282 U]	0.0497 U [0.0470 U]	0.0497 U [0.0470 U]	0.0993 U [0.0939 U]	NA [NA]	4.97 U [4.70 U]	12.8 U [12.7 U]	31.9 U [31.7 U]	24.8 UU [24.6 UU]
EX-A1-I-16-15	15	10/31/07	0.0285 U	0.0474 U	0.0474 U	0.0948 U	NA	4.74 U	12.5 U	31.1 U	24.2 UU
EX-A1-I-17-15	15	10/29/07	0.0317 U	0.0528 U	0.0528 U	0.106 U	NA	5.28 U	12.7 U	31.8 U	24.9 UU
EX-A1-J-16-15	15	10/31/07	0.0306 U	0.0511 U	0.0511 U	0.102 U	NA	5.11 U	12.7 U	31.7 U	24.8 UU
EX-A1-J-17-15	15	10/29/07	0.0316 U	0.0527 U	0.0527 U	0.105 U	NA	5.27 U	13.6 U	34.0 U	26.4 UU
EX-A1-J-19-8	8	10/23/07	0.0312 U	0.0519 U	0.0519 U	0.104 U	NA	5.19 U	12.6 U	31.5 U	24.6 UU
EX-A1-K-17-15	15	10/30/07	0.0308 U	0.0513 U	0.0513 U	0.103 U	NA	5.13 U	12.7 U	31.8 U	24.8 UU
EX-A1-K-18-12	12	10/23/07	0.0278 U	0.0463 U	0.0463 U	0.0926 U	NA	4.63 U	11.7 U	29.3 U	22.8 UU
EX-A1-K-18-SSW-3	3	10/30/07	0.0282 U	0.0470 U	0.0470 U	0.0941 U	NA	4.70 U	10.5 U	26.1 U	20.7 UU
EX-A1-K-18-SSW-8	8	10/30/07	0.0291 U	0.0486 U	0.0486 U	0.0972 U	NA	4.86 U	11.4 U	28.4 U	22.3 UU
EX-A1-K-19-3	3	10/30/07	0.0322 U	0.0536 U	0.0536 U	0.107 U	NA	5.36 U	11.6 U	29.0 U	23.0 UU
EX-A1-L-17-12	12	11/08/07	0.117	0.0465 U	0.0465 U	0.0930 U	NA	4.65 U	11.7 U	29.4 U	22.9 UU
EX-A2-O-9-10	10	01/28/08	0.369 U [0.344 U]	0.615 U [0.573 U]	0.989 [0.819]	1.72 [1.43]	0.0515 [0.0484]	466 JZ [389 JZ]	149 [371]	78.5 [91.5]	694 J [852 J]

TABLE 4
Excavation Soil Sample Analytical Results
 Unocal Edmonds Bulk Fuel Terminal Lower Yard
 Phase I Remedial Implementation As-built Report
 11720 Unoco Road
 Edmonds, Washington

Sample ID	Sample Depth (feet bgs)	Date Sampled	BTEX (mg/kg)				Total cPAHs Adjusted for Toxicity (mg/kg) CUL = 0.14 mg/kg	Gasoline (mg/kg)	Diesel (mg/kg)	Heavy Oil (Lube) (mg/kg)	Total TPH (mg/kg) REL = 2,975
			B	T	E	X					
			REL = 18 mg/kg								
EX-A2-O-10-10	10	01/28/08	0.0299 U	0.169	0.0864	0.215	0.0239	73.9 JZ	30.6	29.3 U	119 J
EX-A2-O-11-10	10	01/28/08	0.0270 U	0.0450 U	0.0450 U	0.0900 U	NA	4.50 U	11.8 U	29.6 U	23.0 UU
EX-A2-O-12-10	10	01/28/08	0.0305 U	0.0508 U	0.0508 U	0.102 U	NA	5.08 U	13.0 U	32.5 U	25.3 UU
EX-A2-O-13-10	10	01/28/08	0.0351 U	0.0585 U	0.0585 U	0.117 U	NA	5.85 U	12.9 U	32.3 U	25.5 UU
EX-A2-N-16-SSW-6	6	02/20/08	0.0382 U	0.0636 U	0.0654	0.845	0.0868	489 JZ	6,770 D	577 U	7,550 J
EX-A2-O-15-SSW-6	6	02/20/08	1.69	0.645 U	1.07	3.10	0.0308	1,500 JZ	5,750 DQ10	579 U	7,540 J
EX-A2-P-9-15	15	01/30/08	0.0289 U	0.0482 U	0.0482 U	0.0965 U	NA	4.82 U	12.0 U	30.1 U	23.5 UU
EX-A2-P-10-11	11	01/30/08	0.0350 U	0.0583 U	0.0583 U	0.117 U	NA	5.83 U	12.7 U	31.8 U	25.2 UU
EX-A2-P-11-11	11	01/30/08	0.0301 U	0.0501 U	0.0501 U	0.100 U	NA	5.01 U	11.3 U	28.2 U	22.3 UU
EX-A2-P-12-10	10	01/30/08	0.0275 U	0.0458 U	0.0458 U	0.0916 U	0.00921	4.58 U	17.2 JY	43.2	62.7 J
EX-A2-P-13-10	10	01/30/08	0.0318 U	0.0531 U	0.0531 U	0.106 U	NA	5.31 U	12.9 U	32.4 U	25.3 UU
EX-A2-P-14-12	12	02/22/08	0.0364 U	0.0607 U	0.0607 U	0.326	0.00974	67.7 JZ	229	32.2	329 J
EX-A2-Q-9-12	12	02/01/08	0.0333 U	0.0555 U	0.0555 U	0.111 U	NA	5.55 U	11.8 U	29.5 U	23.4 UU
EX-A2-Q-10-12	12	02/01/08	0.0364 U	0.0606 U	0.0606 U	0.121 U	NA	6.06 U	11.9 U	29.8 U	23.9 UU
EX-A2-Q-11-12	12	02/01/08	0.0366 U	0.0610 U	0.0610 U	0.122 U	NA	6.10 U	12.2 U	30.5 U	24.4 UU
EX-A2-Q-12-13	13	02/01/08	0.0324 U	0.0539 U	0.0539 U	0.108 U	NA	5.39 U	12.2 U	30.6 U	24.1 UU
EX-A2-Q-13-12	12	02/22/08	0.0404 U	0.0673 U	0.0673 U	0.135 U	NA	6.73 U	12.8 U	32.1 U	25.8 UU
EX-A2-Q-14-6	6	02/20/08	0.169 J	0.0968 J	0.182 J	1.51 J	0.0241	570 JZ	2,250 J	236 JQ7	3,060 J
EX-A2-R-10-12	12	02/15/08	0.0422 U [0.0375 U]	0.0704 U [0.0626 U]	0.0704 U [0.0626 U]	0.141 U [0.125 U]	NA [NA]	7.04 U [6.26 U]	12.8 U [12.1 U]	31.9 U [30.3 U]	25.9 UU [24.3 UU]
EX-A2-R-11-12	12	02/15/08	0.0484 U	0.0806 U	0.0806 U	0.161 U	NA	8.06 U	13.8 U	34.6 U	28.2 UU
EX-A2-R-12-12	12	02/15/08	0.0380 U	0.0634 U	0.0634 U	0.127 U	NA	6.34 U	12.2 U	30.5 U	24.5 UU
EX-A2-R-13-12	12	02/22/08	0.0433 U	0.0721 U	0.0721 U	0.144 U	NA	7.21 U	13.2 U	33.0 U	26.7 UU
EX-A2-R-14-6	6	02/20/08	0.0380 U	0.0633 U	0.0633 U	0.127 U	0.0157	51.3 JZ	224	65.5	341 J
EX-A2-S-12-12	12	02/22/08	0.0406 U	0.0676 U	0.0676 U	0.135 U	NA	6.76 U	12.8 U	32.0 U	25.8 UU
EX-A2-S-12-SSW-6	6	02/15/08	0.0339 U	0.0565 U	0.0565 U	0.113 U	0.00815	224 JZ	900	37.4 Q7	1,160 J
EX-A2-S-13-6	6	02/15/08	0.0356 U	0.0594 U	0.0594 U	0.406	0.00861	194 JZ	683	54.8 Q7	932 J
EX-A3-AA-5-10	10	09/26/07	0.0290 U	0.0484 U	0.0484 U	0.0968 U	NA	4.84 U	12.3 U	30.7 U	23.9 UU
EX-A3-AA-6-10	10	09/21/07	0.0309 U	0.0515 U	0.0515 U	0.103 U	NA	5.15 U	10.9 U	27.1 U	21.6 UU
EX-A3-AA-7-10	10	09/21/07	0.0333 U	0.0556 U	0.0556 U	0.111 U	NA	5.56 U	12.5 U	31.3 U	24.7 UU
EX-A3-AA-7-ESW-4	4	09/20/07	0.0307 U	0.0511 U	0.0511 U	0.102 U	NA	5.11 U	12.7 U	31.8 U	24.8 UU
EX-A3-BB-6-10	10	09/21/07	0.0296 U [0.0299 U]	0.0493 U [0.0498 U]	0.0493 U [0.0498 U]	0.0986 U [0.0996 U]	NA [NA]	4.93 U [4.98 U]	12.7 U [13.0 U]	31.7 U [32.6 U]	24.7 UU [25.3 UU]
EX-A3-BB-7-10	10	09/21/07	0.0703	0.0527 U	0.0527 U	0.105 U	NA	5.27 U	11.9 U	29.7 U	23.4 UU
EX-A3-BB-7-ESW-4	4	09/21/07	0.158	0.152	0.0856	0.282	0.00997	88.0	18.9	32.6 U	123
EX-A3-CC-6-10	10	10/01/07	2.76	0.0582 U	0.0582 U	0.116 U	NA	7.09 J	12.3 U	30.9 U	28.7 J
EX-A3-CC-7-10	10	10/01/07	1.21 [1.73]	0.0671 U [0.0580 U]	0.0671 U [0.0580 U]	0.134 U [0.116 U]	NA [NA]	6.71 U [5.90]	12.1 U [12.1 U]	30.3 U [30.3 U]	24.6 UU [27.1]
EX-A3-CC-7-ESW-4	4	10/02/07	0.110	0.0512 U	0.245	0.221	0.00876	25.8	85.6 Q4	44.7 Q4	156
EX-A3-DD-6-10	10	10/02/07	0.0878	0.0534 U	0.0534 U	0.107 U	NA	5.34 U	11.9 U	29.6 U	23.4 UU
EX-A3-Y-4-8	8	09/21/07	0.0214 U	0.0357 U	0.0357 U	0.0713 U	NA	3.57 U	10.4 U	25.9 U	19.9 UU
EX-A3-Y-4-NSW-4	4	09/20/07	0.0267 U	0.0446 U	0.0446 U	0.0891 U	0.00868	8.24 JZ	169	140	317 J
EX-A3-Y-4-WSW-4	4	09/20/07	0.0114 U	0.0190 U	0.0190 U	0.0380 U	NA	1.90 U	10.4 U	25.9 U	19.1 UU
EX-A3-Y-5-8	8	09/21/07	0.0275 U	0.0458 U	0.0458 U	0.0916 U	NA	4.58 U	10.3 U	25.9 U	20.4 UU
EX-A3-Y-5-NSW-4	4	09/20/07	0.0498 U	0.0830 U	0.0830 U	0.166 U	0.00880	19.4 JZ	111	122	252 J
EX-A3-Y-6-8	8	09/20/07	3.32 U	5.53 U	5.53 U	11.1 U	0.176	3,000	6,340 J	1,270 J	10,600 J
EX-A3-Y-6-10	10	09/25/07	0.387	0.0500 U	0.0500 U	0.100 U	NA	5.25	12.2 U	30.5 U	26.6
EX-A3-Y-6-NSW-4	4	09/20/07	0.0232 U	0.0386 U	0.0386 U	0.134	0.00793	27.7 JZ	37.4	41.0	106 J
EX-A3-Y-7-8	8	09/20/07	0.194	0.315	0.330	0.403	0.0883	182 JZ	2,240 J	386 J	2,810 J
EX-A3-Y-7-10	10	09/25/07	0.0299 U	0.0498 U	0.0498 U	0.0996 U	NA	4.98 U	11.7 U	29.4 U	23.0 UU
EX-A3-Y-7-ESW-4	4	09/20/07	0.546	0.0518 U	0.0518 U	0.104 U	0.00908	9.13 JZ	103	91.9	204 J
EX-A3-Y-7-NSW-4	4	09/20/07	0.0393 [0.0562 U]	0.0532 [0.0937 U]	0.0735 [0.0937 U]	0.191 [0.187 U]	0.00929 [0.00876]	50.7 JZ [34.1 JZ]	62.9 [133]	60.0 [96.0]	174 J [263 J]
EX-A3-Z-4-10	10	09/21/07	0.0294	0.0485 U	0.0485 U	0.0969 U	NA	5.83	11.4 U	28.4 U	25.7
EX-A3-Z-5-10	10	09/21/07	0.0275 U	0.0459 U	0.0459 U	0.0918 U	NA	4.59 U	11.6 U	29.1 U	22.6 UU
EX-A3-Z-6-10	10	09/21/07	0.191	0.0520 U	0.0520 U	0.104 U	0.00944	5.20 U	18.8	32.0 U	37.4
EX-A3-Z-7-10	10	09/21/07	0.0503	0.0440 U	0.0440 U	0.0879 U	NA	4.40 U	11.1 U	27.8 U	21.7 UU
EX-A3-Z-7-ESW-4	4	09/20/07	0.0207 U	0.0345 U	0.0345 U	0.0690 U	NA	3.45 U	10.6 U	26.4 U	20.2 UU

TABLE 4
Excavation Soil Sample Analytical Results
 Unocal Edmonds Bulk Fuel Terminal Lower Yard
 Phase I Remedial Implementation As-built Report
 11720 Unoco Road
 Edmonds, Washington

Sample ID	Sample Depth (feet bgs)	Date Sampled	BTEX (mg/kg)				Total cPAHs Adjusted for Toxicity (mg/kg) CUL = 0.14 mg/kg	Gasoline (mg/kg)	Diesel (mg/kg)	Heavy Oil (Lube) (mg/kg)	Total TPH (mg/kg) REL = 2,975
			B	T	E	X					
			REL = 18 mg/kg								
EX-A4-F-6-4	4	09/12/07	0.0296 U [0.0255 U]	0.0494 U [0.0424 U]	0.0494 U [0.0424 U]	0.0988 U [0.0849 U]	0.00967 [0.00854]	4.94 U [4.24 U]	112 Q4 [209 Q4]	66.2 Q4 [109 Q4]	181 [320]
EX-A4-F-7-4	4	09/12/07	0.295	0.0487 U	0.130	0.415	0.00861	85.0 JZ	13.3 Q11	28.5 U	113 J
EX-A4-F-8-4	4	09/12/07	0.126	0.271	0.383	0.555	0.196	149 JZ	1,510 JQ4	710 JQ4	2,370 J
EX-A4-F-8-6	6	10/17/07	0.0740	0.0567 U	0.0567 U	0.129	0.0465	105 JZ	632	246	983 J
EX-A4-F-8-7	7	11/07/07	0.0313 U	0.0522 U	0.0522 U	0.104 U	NA	5.22 U	12.8 U	32.0 U	25.0 UU
EX-A4-F-8-NSW-3.5	3.5	11/13/07	0.0256 U	0.0427 U	0.0427 U	0.0853 U	NA	4.27 U	10.4 U	26.0 U	20.3 UU
EX-A4-F-8-NSW-4	4	11/07/07	0.0288 U	0.0480 U	0.0480 U	0.0960 U	0.0481	30.9 JZ	793 Q4	429	1,250 J
EX-A4-F-9-9	9	10/17/07	0.0646	0.0509 U	0.0619	0.102 U	NA	20.1	11.9 U	29.7 U	40.9
EX-A4-F-9-ESW-4	4	10/17/07	0.0349 U	0.0581 U	0.0581 U	0.116 U	0.0100	5.81 U	17.3 Q12	33.3 U	36.9
EX-A4-F-9-NSW-3.5	3.5	11/07/07	0.0318 U	0.0530 U	0.0530 U	0.106 U	0.0402	5.30 U	330 Q4	356	689
EX-A4-F-9-NSW-4	4	10/17/07	0.248	0.248	0.208	0.105 U	0.0710	219 JZ	731	222	1,170 J
EX-A4-G-6-9	9	10/01/07	0.0307 U	0.0512 U	0.0512 U	0.102 U	NA	5.12 U	12.7 U	31.8 U	24.8 UU
EX-A4-G-7-9	9	09/27/07	0.0295 U	0.0492 U	0.0492 U	0.0983 U	NA	4.92 U	12.7 U	31.7 U	24.7 UU
EX-A4-G-8-9	9	09/27/07	0.0311 U	0.0519 U	0.0519 U	0.104 U	NA	5.19 U	11.7 U	29.2 U	23.0 UU
EX-A4-G-9-9	9	10/17/07	0.0295 U	0.0492 U	0.0492 U	0.0985 U	NA	4.92 U	12.5 U	31.1 U	24.3 UU
EX-A4-G-9-ESW-4	4	10/17/07	0.0290 U [0.0283 U]	0.0483 U [0.0472 U]	0.0483 U [0.0472 U]	0.0965 U [0.0945 U]	0.00853 [0.00868]	9.59 JZ [4.72 U]	41.4 [33.5]	36.0 [32.7]	87.0 J [68.6]
EX-A4-H-6-9	9	09/27/07	0.0269 U [0.0295 U]	0.0448 U [0.0491 U]	0.0448 U [0.0491 U]	0.0897 U [0.0982 U]	NA [NA]	4.48 U [4.91 U]	12.6 U [12.4 U]	31.5 U [31.1 U]	24.3 UU [24.2 UU]
EX-A4-H-7-9	9	09/27/07	0.0318 U	0.0530 U	0.0530 U	0.106 U	NA	5.30 U	12.9 U	32.3 U	25.3 UU
EX-A4-H-8-4	4	09/12/07	0.0286 U	0.0476 U	0.0476 U	0.0952 U	0.0858	19.6 JZ	1,250 JQ4	788 JQ4	2,060 J
EX-A4-H-8-9	9	09/27/07	0.0885	0.0499 U	0.0499 U	0.0997 U	NA	4.99 U	12.3 U	30.8 U	24.0 UU
EX-A4-H-9-9	9	10/17/07	0.323	0.0736 U	0.0736 U	0.147 U	NA	7.36 U	16.8 U	42.0 U	33.1 UU
EX-A4-H-9-ESW-4	4	10/17/07	0.0273 U	0.0455 U	0.0455 U	0.0911 U	0.00861	4.55 U	203	50.3	256
EX-A4-I-6-9	9	09/21/07	0.0565 U	0.0942 U	0.0942 U	0.188 U	NA	9.42 U	19.9 U	49.7 U	39.5 UU
EX-A4-I-7-9	9	10/16/07	0.0372 U	0.0620 U	0.0620 U	0.124 U	NA	6.20 U	12.1 U	30.2 U	24.3 UU
EX-A4-I-8-9	9	10/16/07	0.0396 U	0.0660 U	0.0660 U	0.132 U	NA	6.60 U	12.1 U	30.2 U	24.5 UU
EX-A4-J-6-9	9	09/21/07	0.0288 U	0.0479 U	0.0479 U	0.0959 U	NA	4.79 U	12.1 U	30.4 U	23.6 UU
EX-A4-J-6-SSW-9	9	09/21/07	0.0304 U	0.0507 U	0.0507 U	0.101 U	0.0383	22.1	111 Q4	105 Q4	238
EX-A4-J-7-9	9	09/21/07	0.0299 U	0.0498 U	0.0498 U	0.0996 U	NA	4.98 U	12.2 U	30.4 U	23.8 UU
EX-A4-J-7-SSW-4	4	09/21/07	0.0342 U	0.0569 U	0.0569 U	0.114 U	0.0388	5.69 U	119 Q4	119 Q4	241
EX-A4-J-8-9	9	10/16/07	0.0340 U	0.0566 U	0.0566 U	0.113 U	NA	5.66 U	11.9 U	29.8 U	23.7 UU
EX-A4-K-8-9	9	10/16/07	0.0367 U	0.0612 U	0.0612 U	0.122 U	NA	6.12 U	12.3 U	30.8 U	24.6 UU
EX-B2-E-33(2)-6	6	02/27/08	0.0345 U	0.0575 U	0.0575 U	0.115 U	0.00872	25.1 JZ	203 Q9	126	354 J
EX-B2-E-33-6	6	02/25/08	0.0326 U	0.0543 U	0.0543 U	0.109 U	0.00883	8.75 JZ	129 Q10	86.6 Q10	224 J
EX-B2-E-34-6	6	02/25/08	0.0331 U	0.0552 U	0.0552 U	0.110 U	0.00923	32.2 JZ	101 Q9	54.2	187 J
EX-B2-E-35-(2)-6	6	02/27/08	0.0349 U	0.0582 U	0.0582 U	0.116 U	0.0702	16.5 JZ	1,950 J	1,490 J	3,460 J
EX-B2-E-35(3)-6	6	03/05/08	0.0370 U	0.0617 U	0.0617 U	0.163	0.0993	79.7 JZ	992 Q4	518 Q4	1,590 J
EX-B2-E-35-6	6	02/22/08	0.0336 U	0.0560 U	0.0560 U	0.176	0.117	66.7 JZ	1,270 Q9	687	2,020 J
EX-B2-E-36-6	6	02/27/08	0.0420 U	0.0700 U	0.0700 U	0.140 U	0.0243	20.0 JZ	402 Q9	155	577 J
EX-B2-E-40-4	4	01/23/08	0.0313 U	0.0522 U	0.0522 U	0.104 U	0.00922	5.22 U	48.9 J	48.5 Q4	100 J
EX-B2-E-41(2)-5	5	02/04/08	0.0289 U	0.0482 U	0.0482 U	0.104	0.0879	7.34 JZ	647 Q4	363 Q4	1,020 J
EX-B2-E-41-4	4	01/23/08	0.0262 U [0.0264 U]	0.0436 U [0.0440 U]	0.0436 U [0.0440 U]	0.0872 U [0.0880 U]	0.0528 [0.120]	13.5 JZ [13.3 JZ]	196 Q4 [208 Q4]	152 Q4 [182 Q4]	362 J [403 J]
EX-B2-F-32-12	12	03/03/08	0.108 U	0.180 U	0.180 U	0.360 U	NA	18.0 U	20.6 U	51.4 U	45.0 UU
EX-B2-F-33-12	12	02/28/08	0.0656 U [0.0670 U]	0.109 U [0.112 U]	0.109 U [0.112 U]	0.219 U [0.223 U]	NA [NA]	10.9 U [11.2 U]	16.0 U [15.6 U]	40.1 U [39.1 U]	33.5 UU [33.0 UU]
EX-B2-F-34-11	11	02/28/08	0.0603 U	0.101 U	0.101 U	0.201 U	NA	10.1 U	15.7 U	39.2 U	32.5 UU
EX-B2-F-35-12	12	02/25/08	0.105 U	0.175 U	0.175 U	0.349 U	NA	17.5 U	16.6 U	41.4 U	37.8 UU
EX-B2-F-36-13	13	02/22/08	0.0790 U	0.132 U	0.132 U	0.263 U	0.0205	13.2 U	331 Q9	105	443
EX-B2-F-36-NSW-6	6	02/22/08	0.0409 U	0.0682 U	0.0682 U	0.136 U	0.0305	69.9 JZ	215 Q9	70.9	356 J
EX-B2-F-37-13	13	02/22/08	0.0705 U	0.118 U	0.118 U	0.235 U	NA	11.8 U	16.9 U	42.2 U	35.5 UU
EX-B2-F-37-NSW-6	6	02/22/08	0.0378 U	0.0631 U	0.0631 U	0.126 U	0.00929	8.43	25.3 Q4	30.7 UQ4	64.4
EX-B2-F-38(2)-14	14	02/06/08	0.0570 U	0.0949 U	0.0949 U	0.190 U	NA	9.49 U	15.3 U	38.2 U	31.5 UU
EX-B2-F-38-8	8	01/31/08	0.0357 U	0.0595 U	0.0595 U	0.119 U	0.111	18.9 JZ	1,450	458	1,930 J
EX-B2-F-38-NSW(2)-5	5	02/06/08	0.0350 J	0.123 J	0.397 J	0.637 J	0.0317	214 JZ	329	137	680 J
EX-B2-F-38-NSW(2)-6	6	03/05/08	0.0307 U	0.0512 U	0.0512 U	0.102 U	0.0339	44.9 JZ	374 Q4	187 Q4	606 J
EX-B2-F-38-NSW-4	4	01/31/08	0.0295 U [0.0212 U]	0.0491 U [0.0354 U]	0.0491 U [0.0354 U]	0.0982 U [0.0708 U]	0.00831 [0.0287]	5.97 JZ [13.4 JZ]	25.0 [33.6 J]	28.0 U [28.0 U]	45.0 J [61.0 J]

TABLE 4
Excavation Soil Sample Analytical Results
Unocal Edmonds Bulk Fuel Terminal Lower Yard
Phase I Remedial Implementation As-built Report
11720 Unoco Road
Edmonds, Washington

Sample ID	Sample Depth (feet bgs)	Date Sampled	BTEX (mg/kg)				Total cPAHs Adjusted for Toxicity (mg/kg) CUL = 0.14 mg/kg	Gasoline (mg/kg)	Diesel (mg/kg)	Heavy Oil (Lube) (mg/kg)	Total TPH (mg/kg) REL = 2,975
			B	T	E	X					
			REL = 18 mg/kg								
EX-B2-F-38-WSW-5	5	01/31/08	0.0291 U	0.0486 U	0.0486 U	0.0971 U	0.00909	19.2 JZ	105	48.8	173 J
EX-B2-F-39(2)-12	12	02/05/08	0.0580 U	0.0966 U	0.0966 U	0.193 U	NA	9.66 U	15.2 U	38.0 U	31.4 UU
EX-B2-F-39-8	8	01/28/08	0.0290 U [0.0287 U]	0.0483 U [0.0478 U]	0.0483 U [0.0478 U]	0.0966 U [0.0955 U]	0.0894 [0.00886]	5.35 JZ [5.58 JZ]	1,010 J [51.5 J]	250 J [28.8 UJ]	1,270 J [71.5 J]
EX-B2-F-39-NSW-4	4	01/28/08	0.0308 U	0.0514 U	0.0514 U	0.103 U	0.00853	5.14 U	39.6	28.2 U	56.3
EX-B2-F-40-8	8	01/25/08	0.170	0.216	0.210	0.696	0.00914	6.90	67.8 Q11	42.5	117
EX-B2-F-41-8	8	01/23/08	0.0288 U	0.0480 U	0.0480 U	0.0960 U	0.00847	19.0 JZ	111 Q4	64.3 Q4	194 J
EX-B2-F-41-ESW(2)-5	5	02/04/08	3.30	0.840	2.95	17.2	0.0753	127	513 Q4	478 Q4	1,120
EX-B2-F-41-ESW-4	4	01/23/08	0.0747	0.0420 U	0.319	0.0841 U	0.359	4.20 U	14.5 Q4	29.5 Q4	46.1
EX-B2-G-32-6	6	02/26/08	0.139 J	0.0781 J	1.02 J	2.09 J	0.00959	1,090	1,230 J	161 U	2,400 J
EX-B2-G-33(2)-6	6	02/28/08	0.0340 U	0.0567 U	0.0567 U	0.113 U	0.00891	13.1 JZ	32.7 Q9	28.9 U	60.3 J
EX-B2-G-33-6	6	02/25/08	0.371 U	0.618 U	0.961	2.88	0.139	1,510 JZ	4,860 J	1,690 J	8,060 J
EX-B2-G-34-10	10	02/25/08	0.0308 U	0.0513 U	0.0513 U	0.103 U	NA	5.13 U	11.0 U	27.6 U	21.9 UU
EX-B2-G-34-SSW-6	6	02/25/08	0.0429 U	0.0716 U	0.0716 U	0.143 U	0.0323	31.1 JZ	28.9	31.8 U	75.9 J
EX-B2-G-35-10	10	02/22/08	0.119 U	0.198 U	0.198 U	0.397 U	NA	19.8 U	22.4 U	56.1 U	49.2 UU
EX-B2-G-35-SSW-6	6	02/22/08	0.0361 U [0.0404 U]	0.0601 U [0.0674 U]	0.0601 U [0.245 J]	0.120 U [0.403 J]	0.0167 [0.0474]	6.91 JZ [102 JZ]	19.3 Q9 [42.6 Q9]	30.6 U [35.8]	41.5 J [180 J]
EX-B2-G-36-12	12	02/22/08	0.0423 U	0.0705 U	0.0705 U	0.141 U	0.0240	7.05 U	38.1 Q4	32.5 U	57.9
EX-B2-G-37-13	13	02/22/08	0.0414 U	0.0690 U	0.0690 U	0.138 U	NA	6.90 U	12.8 U	32.0 U	25.9 UU
EX-B2-G-38(2)-13	13	02/06/08	0.0332 U	0.0554 U	0.0554 U	0.111 U	NA	5.54 U	11.8 U	29.6 U	23.5 UU
EX-B2-G-38-8	8	01/31/08	0.0279 U	0.0465 U	0.0577	0.243	0.0702	87.0 JZ	1,020	335	1,440 J
EX-B2-G-38-WSW-5	5	01/31/08	0.0305 U	0.0508 U	0.0545	0.185	0.0516	100 JZ	651	317	1,070 J
EX-B2-G-39(2)-11	11	02/05/08	0.0662 U	0.110 U	0.110 U	0.291	NA	13.5	16.3 U	40.7 U	42.0
EX-B2-G-39-8	8	01/28/08	0.323 U	1.37	1.27	2.35	0.197	568 Q10a	3,450	1,140 Q7	5,160
EX-B2-G-39-SSW-4	4	01/28/08	0.0271 U	0.0452 U	0.0452 U	0.0904 U	0.00861	4.52 U	24.5	30.6	57.4
EX-B2-G-40-8	8	01/25/08	0.0317 U	0.0529 U	0.0529 U	0.106 U	0.00883	5.29 U	59.9 Q11	43.0	106
EX-B2-G-40-SSW-4	4	01/25/08	0.0287 U	0.0479 U	0.0479 U	0.0958 U	0.00906	4.79 U	22.3 Q11	32.6	57.3
EX-B2-G-41-8	8	01/24/08	0.0354 U	0.0939	0.0590 U	0.317	0.00891	61.1 JZ	125 J	110 Q4	296 J
EX-B2-G-41-ESW-4	4	01/24/08	0.0356 U	0.0593 U	0.0593 U	0.119 U	0.0415	5.93 U	438 Q4	361 Q4	802
EX-B2-G-41-SSW-4	4	01/24/08	0.0341 U	0.0568 U	0.0568 U	0.114 U	0.00853	5.68 U	20.1 Q4	57.1 Q4	80.0
EX-B2-H-35-6	6	02/27/08	0.0833 U	0.229	0.139 U	0.278 U	0.0123	18.5	41.4 Q4	40.7 UQ4	101
EX-B2-H-36-6	6	02/22/08	0.0426 U	0.0709 U	0.0790	0.363	0.0225	70.4 JZ	453 Q4	248 Q4	771 J
EX-B2-H-37(2)-6	6	03/05/08	0.0349 U	0.0582 U	0.0582 U	0.159	0.00868	75.0 JZ	312 Q4	513 Q4	900 J
EX-B2-H-37-5	5	02/22/08	0.0398 U	0.0663 U	0.0663 U	0.248	0.167	133 JZ	2,690 J	1,550 J	4,370 J
EX-B2-H-38(2)-10	10	02/06/08	0.0293 U	0.0488 U	0.0488 U	0.0976 U	NA	4.88 U	11.2 U	28.1 U	22.1 UU
EX-B2-H-38-5	5	01/31/08	0.0315 U	0.252 J	0.231 J	0.791 J	0.145	316 JZ	2,940	849	4,110 J
EX-B2-H-38-WSW(2)-5	5	02/06/08	0.0329 U	0.0549 U	0.0549 U	0.110 U	0.0160	6.75 JZ	128 Q4	96.1 Q4	231 J
EX-B2-H-38-WSW-5	5	01/31/08	0.292 URL1	0.487 URL1	0.796	1.25	0.186	406 JZ	2,220	667	3,290 J
EX-B3-E-32-6	6	02/26/08	0.0474 U	0.0790 U	0.0790 U	0.158 U	NA	7.90 U	13.2 U	33.1 U	27.1 UU
EX-B3-F-31-12	12	03/10/08	0.0604 U	0.101 U	0.101 U	0.201 U	NA	10.1 U	15.1 U	37.8 U	31.5 UU
EX-B3-F-31-NSW-6	6	03/10/08	0.0306 U	0.0510 U	0.0510 U	0.102 U	0.00891	5.10 U	13.8 Q4	29.7 U	31.2
EX-B3-G-29-5	5	03/11/08	0.0356 U	0.0594 U	0.0594 U	0.119 U	NA	5.94 U	11.5 U	28.8 U	23.1 UU
EX-B3-G-29-NSW-4	4	03/11/08	0.0313 U	0.0522 U	0.0522 U	0.104 U	0.0300	5.22 U	27.1 JY	161	191 J
EX-B3-G-29-SSW-5	5	03/11/08	0.0377 U [0.0345 U]	0.0629 U [0.0575 U]	0.0629 U [0.0575 U]	0.126 U [0.115 U]	NA [NA]	6.29 U [5.75 U]	12.4 U [11.3 U]	30.9 U [28.4 U]	24.8 UU [22.7 UU]
EX-B3-G-30-12	12	03/11/08	0.0352 U	0.0586 U	0.0586 U	0.117 U	NA	5.86 U	11.9 U	29.9 U	23.8 UU
EX-B3-G-30-NSW-6	6	03/11/08	0.108	0.0711 U	0.0711 U	0.142 U	0.0184	12.8 JZ	169 Q4	120 Q4	302 J
EX-B3-G-30-SSW-6	6	03/10/08	0.0322 U	0.0536 U	0.0536 U	0.107 U	NA	5.36 U	11.5 U	28.7 U	22.8 UU
EX-B3-G-31-12	12	03/10/08	0.0368 U	0.0613 U	0.0613 U	0.123 U	NA	6.13 U	12.5 U	31.3 U	25.0 UU
EX-B3-G-31-SSW-6	6	03/10/08	0.0427 U	0.0711 U	0.0711 U	0.224	NA	27.4	12.3 U	30.8 U	49.0
EX-B4-B-23-6	6	02/25/08	0.0297 U [0.0321 U]	0.263 J [0.0679 J]	0.0494 U [0.0535 U]	0.0988 U [0.107 U]	0.0145 [NA]	4.94 U [5.35 U]	15.5 JY [11.2 U]	27.8 U [28.0 U]	31.9 J [22.3 UU]
EX-B4-B-24-6	6	02/25/08	0.0366 U	0.0610 U	0.0610 U	0.122 U	NA	6.10 U	12.1 U	30.3 U	24.3 UU
EX-B5-B-20(2)-4	4	02/28/08	0.0354 U	0.0590 U	0.0590 U	0.118 U	NA	5.90 U	12.1 U	30.3 U	24.2 UU
EX-B5-B-20-4	4	02/22/08	0.0363 U	0.0605 U	0.0605 U	0.121 U	0.111	6.05 U	592 Q4	473 Q4	1,070
EX-B6-C-15-3	3	11/19/07	0.0335 U	0.0559 U	0.0559 U	0.112 U	NA	5.59 U	12.6 U	31.5 U	24.8 UU
EX-B6-D-13-3	3	11/19/07	0.0269 U	0.0448 U	0.0448 U	0.0895 U	0.00846	12.1	61.6	27.7 U	87.6
EX-B6-D-14-10	10	11/19/07	0.0321 U	0.0535 U	0.0535 U	0.107 U	NA	6.31	12.2 U	30.5 U	27.7

TABLE 4
Excavation Soil Sample Analytical Results
 Unocal Edmonds Bulk Fuel Terminal Lower Yard
 Phase I Remedial Implementation As-built Report
 11720 Unoco Road
 Edmonds, Washington

Sample ID	Sample Depth (feet bgs)	Date Sampled	BTEX (mg/kg)				Total cPAHs Adjusted for Toxicity (mg/kg) CUL = 0.14 mg/kg	Gasoline (mg/kg)	Diesel (mg/kg)	Heavy Oil (Lube) (mg/kg)	Total TPH (mg/kg) REL = 2,975
			B	T	E	X					
			REL = 18 mg/kg								
EX-B6-D-14-NSW-3	3	11/19/07	0.0369 U	0.0616 U	0.0616 U	0.123 U	NA	6.16 U	15.0 U	37.4 U	29.3 UU
EX-B6-D-15-12	12	11/19/07	0.0332 U [0.0323 U]	0.0554 U [0.0538 U]	0.0554 U [0.0538 U]	0.111 U [0.108 U]	NA [NA]	5.54 U [5.79]	13.2 U [12.6 U]	33.0 U [31.6 U]	25.9 UU [27.9]
EX-B6-E-13-4	4	11/19/07	0.0261 U [0.0270 U]	0.0435 U [0.0449 U]	0.0435 U [0.0449 U]	0.0870 U [0.0899 U]	0.00853 [0.00853]	4.35 U [4.49 U]	146 J [33.6 J]	113 [28.4 U]	261 J [50.0 J]
EX-B6-E-14-10	10	11/19/07	0.0312 U	0.0520 U	0.0520 U	0.104 U	NA	5.20 U	12.1 U	30.2 U	23.8 UU
EX-B6-F-14-10	10	11/19/07	0.0302 U	0.0504 U	0.0504 U	0.101 U	NA	5.04 U	12.6 U	31.5 U	24.6 UU
EX-B6-F-14-WSW-3	3	11/19/07	0.0275 U	0.0459 U	0.0459 U	0.0918 U	0.00846	4.59 U	42.4 Q11	28.0 U	58.7
EX-B8-F-4-4	4	10/01/07	0.0278 U	0.0464 U	0.0464 U	0.0928 U	0.0222	53.6 JZ	1,070 Q4	496 Q4	1,620 J
EX-B8-F-4-9	9	10/22/07	0.224	0.0784	0.0625 U	0.125 U	0.0468	6.25 U	801 Q4	347 Q4	1,150
EX-B8-F-4-NSW-4	4	10/22/07	0.0326 U	0.0543 U	0.0543 U	0.109 U	0.0422	80.7	834 Q4	332 Q4	1,250
EX-B8-F-4-NSW-6	6	10/09/07	0.0318 U [0.0324 U]	0.0531 U [0.0540 U]	0.0531 U [0.0540 U]	0.106 U [0.108 U]	0.0424 [0.0854]	23.5 JZ [52.2 JZ]	1,310 Q4 [2,440 J]	496 Q4 [1,030 J]	1,830 J [3,520 J]
EX-B8-F-4NSW-6	6	10/15/07	0.0428 U	0.0713 U	0.0713 U	0.143 U	0.112	53.2 JZ	3,850 Q4	1,760 Q4	5,660 J
EX-B8-F-4-WSW-4	4	10/01/07	0.0400 U	0.0666 U	0.0666 U	0.133 U	NA	6.66 U	10.9 U	27.3 U	22.4 UU
EX-B8-F-5-4	4	10/01/07	0.0374 U	0.0623 U	0.0623 U	0.125 U	0.0885	94.8 JZ	462 J	424 J	981 J
EX-B8-F-5-NSW-6	6	10/09/07	0.0292 U	0.0487 U	0.0487 U	0.0975 U	0.00909	16.3 JZ	422 Q4	187 Q4	625 J
EX-B8-G-4-9	9	10/01/07	0.0308 U	0.0514 U	0.0514 U	0.103 U	0.00921	5.14 U	18.2	30.5 U	36.0
EX-B8-G-4-WSW-4	4	10/01/07	0.0271 U	0.0452 U	0.0452 U	0.0904 U	0.0808	5.76 JZ	133 J	245 J	384 J
EX-B8-G-5-9	9	10/01/07	0.0319 U	0.0532 U	0.0532 U	0.106 U	NA	5.32 U	13.3 U	33.2 U	25.9 UU
EX-B8-H-4-9	9	10/01/07	0.0324 U	0.0540 U	0.0540 U	0.108 U	NA	5.40 U	11.9 U	29.8 U	23.6 UU
EX-B8-H-4-WSW-4	4	10/01/07	0.0279 U	0.0465 U	0.0465 U	0.0931 U	0.0768	86.7 JZ	2,080 Q4	1,100 Q4	3,270 J
EX-B8-H-5-9	9	10/01/07	0.0353 U	0.0588 U	0.0588 U	0.118 U	NA	5.88 U	12.2 U	30.4 U	24.2 UU
EX-B8-I-4-9	9	10/01/07	0.0817	0.0498 U	0.0498 U	0.0996 U	NA	4.98 U	12.2 U	30.4 U	23.8 UU
EX-B8-I-4-WSW-4	4	10/01/07	0.0323 U [0.0334 U]	0.0539 U [0.0557 U]	0.0539 U [0.0557 U]	0.108 U [0.111 U]	0.0991 [0.0524]	25.4 JZ [34.7 JZ]	3,130 Q4 [1,990 Q4]	1,480 Q4 [1,010 Q4]	4,640 J [3,030 J]
EX-B8-I-5-9	9	10/01/07	0.0292 U	0.0486 U	0.0486 U	0.0972 U	NA	4.86 U	12.1 U	30.2 U	23.6 UU
EX-B8-J-4-4	4	10/01/07	0.0217 U	0.0362 U	0.0362 U	0.0723 U	0.165	80.5 JZ	1,530 Q4	798 Q4	2,410 J
EX-B8-J-4-5	5	10/23/07	0.0251 U	0.0419 U	0.0419 U	0.0838 U	0.0170	4.19 U	146 Q4	167 Q4	315
EX-B8-J-4-SSW-2.5	2.5	10/23/07	0.0331 U	0.0552 U	0.0552 U	0.110 U	NA	5.52 U	10.9 U	27.3 U	21.9 UU
EX-B8-J-5-4	4	10/01/07	0.0272 U	0.0453 U	0.0453 U	0.0907 U	0.00831	4.53 U	35.9 JY	43.8	82.0 J
EX-B8-J-5-9	9	10/01/07	0.0366 U	0.0610 U	0.0610 U	0.122 U	NA	6.10 U	11.3 U	28.4 U	22.9 UU
EX-B9-M-4-11	11	02/20/08	0.0315 U	0.0524 U	0.0524 U	0.105 U	NA	5.24 U	11.6 U	29.1 U	23.0 UU
EX-B9-M-4-NSW-6	6	02/19/08	0.329 U	0.548 U	0.548 U	1.71	0.00907	755 JZ	439 Q4	211 Q4	1,410 J
EX-B9-M-4-WSW-6	6	02/19/08	0.336 U	0.561 U	0.561 U	1.84	0.0173	816 JZ	537 JX	141 U	1,420 J
EX-B9-M-5-11	11	02/19/08	0.0411 U	0.0685 U	0.0685 U	0.137 U	NA	6.85 U	13.0 U	32.5 U	26.2 UU
EX-B9-M-5-NSW-6	6	02/19/08	0.0285 U	0.0475 U	0.0475 U	0.0950 U	0.00823	98.5 JZ	40.9 Q4	27.1 UQ4	167 J
EX-B9-M-6-11	11	02/19/08	0.0364 U [0.0453 U]	0.0606 U [0.0755 U]	0.0606 U [0.0755 U]	0.121 U [0.151 U]	NA [NA]	6.06 U [7.55 U]	12.5 U [13.4 U]	31.4 U [33.4 U]	25.0 UU [27.2 UU]
EX-B9-M-6-NSW-6	6	02/19/08	0.0383 U	0.0638 U	0.291	0.426	NA	16.2	13.0 U	32.6 U	39.0
EX-B9-N-4-11	11	02/20/08	0.0349 U	0.0582 U	0.0582 U	0.116 U	NA	5.82 U	12.1 U	30.3 U	24.1 UU
EX-B9-N-4-WSW-6	6	02/20/08	0.0338 U	0.250 J	0.172 J	0.871 J	0.00891	276 JZ	139 Q4	128 Q4	543 J
EX-B9-N-5-12	12	02/13/08	0.0343 U	0.0572 U	0.0572 U	0.114 U	NA	5.72 U	11.8 U	29.6 U	23.6 UU
EX-B9-O-4-12	12	02/20/08	0.0373 U [0.0373 U]	0.0622 U [0.0621 U]	0.0622 U [0.0621 U]	0.128 [0.209]	NA [NA]	20.2 [15.9]	12.3 U [12.5 U]	30.7 U [31.2 U]	41.7 [37.8]
EX-B9-O-4-WSW-6	6	02/20/08	0.0322 U	0.0536 U	0.0536 U	0.107 U	0.00800	50.7 JZ	24.4	26.5 U	88.4 J
EX-B9-O-5-12	12	02/13/08	0.0365 U [0.0354 U]	0.0609 U [0.0591 U]	0.0609 U [0.0591 U]	0.122 U [0.118 U]	NA [NA]	6.09 U [5.91 U]	11.8 U [11.9 U]	29.6 U [29.7 U]	23.7 UU [23.8 UU]
EX-B9-P-4-12	12	02/20/08	0.0396 U	0.0660 U	0.0660 U	0.132 U	NA	8.18	12.6 U	31.5 U	30.2
EX-B9-P-4-SSW(2)-6	6	02/25/08	0.332 U	0.553 U	0.553 U	3.82	0.0194	967 JZ	470 JX	138 U	1,510 J
EX-B9-P-4-SSW-6	6	02/20/08	0.295 U	0.491 U	0.595	3.53	0.0316	898 JZ	1,430 Q4	248 Q4	2,580 J
EX-B9-P-4-WSW-6	6	02/20/08	0.0333 U	0.0556 U	0.0556 U	0.111 U	NA	5.56 U	11.8 U	29.5 U	23.4 UU
EX-B9-P-5-12	12	02/13/08	0.0315 U	0.0525 U	0.0525 U	0.105 U	NA	5.25 U	11.6 U	29.0 U	22.9 UU
EX-B9-Q-5-6	6	02/13/08	0.0175 U	0.0291 U	0.0291 U	0.0582 U	0.0145	2.91 U	56.5 Q4	35.4 Q4	93.4
EX-B10-N-6-10	10	02/08/08	0.0361 U	0.0601 U	0.0601 U	0.120 U	NA	6.01 U	12.4 U	31.1 U	24.8 UU
EX-B10-O-6-10	10	02/08/08	0.0352 U	0.0586 U	0.0586 U	0.117 U	NA	5.86 U	12.3 U	30.8 U	24.5 UU
EX-B10-O-7-12	12	01/16/08	0.0302 U [0.0330 U]	0.0503 U [0.0550 U]	0.0503 U [0.0550 U]	0.101 U [0.110 U]	NA [NA]	5.03 U [5.50 U]	12.2 U [13.3 U]	30.5 U [33.3 U]	23.9 UU [26.1 UU]
EX-B10-O-8-12	12	01/16/08	0.0316 U	0.0527 U	0.0527 U	0.105 U	NA	5.27 U	12.7 U	31.8 U	24.9 UU
EX-B10-P-6-10	10	02/08/08	0.0400 U	0.0666 U	0.0666 U	0.176	NA	8.23	12.6 U	31.6 U	30.3
EX-B10-P-7-15	15	01/30/08	0.0328 U	0.0546 U	0.0546 U	0.109 U	NA	9.68	13.2 U	32.9 U	32.7
EX-B10-P-8-15	15	01/30/08	0.0322 U	0.0536 U	0.0536 U	0.107 U	NA	5.36 U	12.2 U	30.5 U	24.0 UU

TABLE 4
Excavation Soil Sample Analytical Results
 Unocal Edmonds Bulk Fuel Terminal Lower Yard
 Phase I Remedial Implementation As-built Report
 11720 Unoco Road
 Edmonds, Washington

Sample ID	Sample Depth (feet bgs)	Date Sampled	BTEX (mg/kg)				Total cPAHs Adjusted for Toxicity (mg/kg)	Gasoline (mg/kg)	Diesel (mg/kg)	Heavy Oil (Lube) (mg/kg)	Total TPH (mg/kg)
			B	T	E	X					
			REL = 18 mg/kg				CUL = 0.14 mg/kg				REL = 2,975
EX-B10-Q-6-11	11	02/08/08	0.0343 U	0.0572 U	0.0572 U	0.114 U	NA	5.73	12.8 U	32.1 U	28.2
EX-B10-Q-7-15	15	01/30/08	0.0309 U	0.0516 U	0.0516 U	0.103 U	NA	5.16 U	12.5 U	31.3 U	24.5 UU
EX-B11-Q-8-14	14	01/30/08	0.0306 U [0.0317]	0.0510 U [0.0496 U]	0.0510 U [0.0496 U]	0.102 U [0.0991 U]	0.00891 [NA]	5.80 [4.96 U]	20.1 JY [11.8 U]	29.7 U [29.5 U]	40.8 J [23.1 UU]
EX-B11-R-6-5	5	02/08/08	0.0346 U [0.0340 U]	0.0577 U [0.0566 U]	0.0577 U [0.0566 U]	0.115 U [0.113 U]	0.0224 [0.0258]	56.8 JZ [168 JZ]	1,510 [1,310]	296 [265]	1,860 J [1,740 J]
EX-B11-R-7-12	12	01/22/08	0.0331	0.0688	0.0509 U	0.145	NA	5.09 U	12.0 U	30.0 U	23.5 UU
EX-B11-R-7-WSW-5	5	01/18/08	0.0297 U	0.0495 U	0.0495 U	0.0989 U	0.107	80.4 JZ	7,130	1,360 Q7	8,570 J
EX-B11-R-8-12	12	01/30/08	0.0303	0.0993	0.109	0.565	NA	13.9	11.8 U	29.6 U	34.6
EX-B11-R-9-12	12	02/12/08	0.0612	0.0555 U	0.0555 U	0.111 U	NA	5.55 U	11.7 U	29.3 U	23.3 UU
EX-B11-S-7-12	12	01/22/08	0.0402	0.122	0.0601	0.333	NA	6.08	12.1 U	30.2 U	27.2
EX-B11-S-7-WSW-5	5	01/18/08	0.0290 U	0.0483 U	0.0483 U	0.0966 U	NA	4.83 U	10.9 U	27.2 U	21.5 UU
EX-B11-S-8-12	12	01/30/08	0.0287 U	0.0478 U	0.0478 U	0.0955 U	NA	8.58	12.1 U	30.2 U	29.7
EX-B11-S-9-12	12	02/12/08	0.0413	0.0628 U	0.150	0.457	0.00929	38.7 JZ	67.6	31.1 U	122 J
EX-B11-S-10-2	2	02/15/08	0.0408 U	0.0680 U	0.0680 U	0.136 U	NA	6.80 U	12.7 U	31.8 U	25.7 UU
EX-B11-S-11-12	12	02/14/08	0.0398 U	0.0663 U	0.0663 U	0.133 U	NA	6.63 U	12.3 U	30.7 U	24.8 UU
EX-B11-T-7-12	12	01/22/08	0.0310	0.0851	0.103	0.532	0.00891	48.4 JZ	52.3	29.6 U	116 J
EX-B11-T-7-WSW-5	5	01/18/08	0.0290 U	0.0484 U	0.0484 U	0.0967 U	NA	9.95 JZ	10.9 U	27.2 U	29.0 J
EX-B11-T-8-12	12	01/30/08	0.231	0.561	0.150	0.778	NA	6.50	11.9 U	29.9 U	27.4
EX-B11-T-9-12	12	02/12/08	0.193	0.0636 U	0.0647	0.127 U	NA	6.36 U	12.5 U	31.4 U	25.1 UU
EX-B11-T-10-10	10	02/14/08	0.0342 U	0.0570 U	0.0570 U	0.114 U	NA	5.70 U	12.3 U	30.6 U	24.3 UU
EX-B11-T-11-12	12	02/14/08	0.0306 U	0.0510 U	0.0510 U	0.102 U	NA	5.10 U	11.7 U	29.2 U	23.0 UU
EX-B11-T-11-ESW-6	6	02/15/08	0.0382 U	0.0637 U	0.0637 U	0.127 U	NA	6.37 U	12.5 U	31.4 U	25.1 UU
EX-B11-U-7-5	5	01/18/08	0.0290 U	0.0484 U	0.0484 U	0.0967 U	NA	4.84 U	11.0 U	27.5 U	21.7 UU
EX-B11-U-8-14	14	01/30/08	2.59	3.57	1.59	7.94	NA	48.6	11.9 U	29.7 U	69.4
EX-B11-U-9-12	12	01/31/08	0.461	0.824	0.460	1.71	NA	15.8	12.1 U	30.3 U	37.0
EX-B11-U-10-10	10	02/14/08	1.20	0.0890 U	0.0890 U	0.178 U	NA	8.90 U	14.0 U	34.9 U	28.9 UU
EX-B11-U-10-SSW-5	5	02/12/08	14.9	0.606 U	1.48	1.21 U	0.159	214	957 Q4	639 Q4	1,810
EX-B11-U-11-5	5	02/12/08	0.0429 U	0.0716 U	0.0716 U	0.143 U	0.0260	8.80 JZ	423 Q4	131 Q4	563 J
EX-B11-V-8-5	5	01/31/08	0.127	0.219	0.196	0.218	0.0172	175 JZ	616	28.0 U	805 J
EX-B11-V-9-5	5	01/31/08	0.142 J	0.302 J	1.17 J	2.36 J	0.00872	405 JZ	265	84.4	754 J
EX-B13-AA-2-10	10	09/26/07	0.0346	0.0564 U	0.0564 U	0.113 U	NA	12.8	12.5 U	31.1 U	34.6
EX-B13-AA-2-NSW-4	4	09/19/07	0.0306 U	0.0511 U	0.0511 U	0.102 U	0.0126	5.11 U	35.2	101	139
EX-B13-AA-2-WSW-4	4	09/19/07	0.0303 U	0.0505 U	0.0505 U	0.101 U	NA	5.05 U	11.0 U	27.5 U	21.8 UU
EX-B13-AA-3-10	10	09/26/07	0.0322 U	0.0537 U	0.0537 U	0.107 U	NA	5.37 U	12.9 U	32.2 U	25.2 UU
EX-B13-AA-3-NSW-4	4	09/19/07	0.0265 U	0.0441 U	0.0441 U	0.0883 U	NA	4.41 U	10.5 U	26.2 U	20.6 UU
EX-B13-AA-4-10	10	09/26/07	0.0313 U	0.0522 U	0.0522 U	0.104 U	NA	5.22 U	11.7 U	29.2 U	23.1 UU
EX-B13-BB-2-10	10	09/25/07	0.0336 U	0.0560 U	0.0560 U	0.112 U	NA	5.60 U	11.8 U	29.5 U	23.5 UU
EX-B13-BB-2-WSW-4	4	09/19/07	0.476	0.959	0.993	1.12	0.0335	774 JZ	1,030 J	105 J	1,910 J
EX-B13-BB-3-10	10	09/25/07	0.0281 U [0.0319 U]	0.0468 U [0.0532 U]	0.0468 U [0.0532 U]	0.0935 U [0.106 U]	NA [NA]	4.98 U [5.32 U]	10.7 U [11.5 U]	26.7 U [28.8 U]	21.2 UU [22.8 UU]
EX-B13-BB-4-10	10	09/25/07	0.0283 U	0.0472 U	0.0472 U	0.0945 U	NA	4.72 U	12.7 U	31.8 U	24.6 UU
EX-B13-BB-5-10	10	09/27/07	0.0295 U	0.0491 U	0.0491 U	0.0983 U	NA	4.91 U	11.4 U	28.5 U	22.4 UU
EX-B13-CC-1-4	4	10/10/07	0.0432 U	0.104	0.0720 U	0.144 U	NA	20.2	18.4 U	45.9 U	52.4
EX-B13-CC-1-10	10	10/08/07	0.952	3.90	2.99	2.51	0.0881	1,630	3,810 J	656 J	6,100 J
EX-B13-CC-2-4	4	09/25/07	8.83	4.68 U	4.68 U	9.37 U	0.0499	3,020	2,520	582	6,120
EX-B13-CC-2-10	10	10/08/07	0.0278 U	0.0463 U	0.0463 U	0.0926 U	NA	4.63 U	11.3 U	28.1 U	22.0 UU
EX-B13-CC-3-10	10	09/27/07	0.0285 U	0.0475 U	0.0475 U	0.0951 U	NA	4.75 U	12.1 U	30.2 U	23.5 UU
EX-B13-CC-4-10	10	09/27/07	0.0279 U	0.0465 U	0.0465 U	0.0931 U	NA	4.65 U	12.0 U	30.1 U	23.4 UU
EX-B13-CC-5-10	10	09/27/07	0.0299 U	0.0498 U	0.0498 U	0.0997 U	NA	4.98 U	12.5 U	31.2 U	24.3 UU
EX-B13-DD-1-4	4	10/08/07	0.0408 U	0.0679 U	0.0679 U	0.136 U	NA	6.79 U	14.7 U	36.7 U	29.1 UU
EX-B13-DD-2-10	10	10/08/07	0.0291 U	0.0484 U	0.0484 U	0.0968 U	NA	4.84 U	11.8 U	29.5 U	23.1 UU
EX-B13-DD-3-10	10	10/02/07	0.0279 U	0.0465 U	0.0465 U	0.0929 U	NA	4.65 U	11.1 U	27.8 U	21.8 UU
EX-B13-DD-4-10	10	10/02/07	0.173	0.0461 U	0.0461 U	0.0921 U	NA	4.61	11.7 U	29.1 U	25.0
EX-B13-DD-5-10	10	10/02/07	0.0637	0.0451 U	0.0451 U	0.0901 U	NA	4.51 U	11.6 U	28.9 U	22.5 UU
EX-B13-EE-1-4	4	10/08/07	0.0283 U	0.0472 U	0.0472 U	0.0944 U	NA	4.72 U	12.2 U	30.4 U	23.7 UU
EX-B13-EE-2-10	10	10/08/07	0.0272 U	0.0453 U	0.0453 U	0.0905 U	NA	4.53 U	11.6 U	28.9 U	22.5 UU

TABLE 4
Excavation Soil Sample Analytical Results
Unocal Edmonds Bulk Fuel Terminal Lower Yard
Phase I Remedial Implementation As-built Report
11720 Unoco Road
Edmonds, Washington

Sample ID	Sample Depth (feet bgs)	Date Sampled	BTEX (mg/kg)				Total cPAHs Adjusted for Toxicity (mg/kg) CUL = 0.14 mg/kg	Gasoline (mg/kg)	Diesel (mg/kg)	Heavy Oil (Lube) (mg/kg)	Total TPH (mg/kg) REL = 2,975
			B	T	E	X					
			REL = 18 mg/kg								
EX-B13-EE-3-10	10	10/05/07	0.0298 U	0.0496 U	0.0496 U	0.0992 U	NA	4.96 U	11.5 U	28.8 U	22.6 UU
EX-B13-EE-3-SSW-4	4	10/05/07	0.0509	0.0502 U	0.0502 U	0.100 U	NA	6.85	12.2 U	30.6 U	28.3
EX-B13-EE-4-10	10	10/05/07	0.0296 U [0.0292 U]	0.0494 U [0.0487 U]	0.0494 U [0.0487 U]	0.0987 U [0.0974 U]	NA [NA]	4.94 U [4.87 U]	11.7 U [11.1 U]	29.3 U [27.8 U]	23.0 UU [21.9 UU]
EX-B13-EE-4-SSW-4	4	10/05/07	0.0314 U	0.0523 U	0.0523 U	0.105 U	NA	5.23 U	12.6 U	31.5 U	24.7 UU
EX-B13-FF-2-4	4	10/09/07	0.0302 U	0.0504 U	0.0504 U	0.101 U	NA	5.04 U	12.8 U	32.0 U	24.9 UU
EX-B13-FF-3-10	10	10/09/07	0.0447	0.0538 U	0.0538 U	0.108 U	NA	8.17	11.7 U	29.4 U	28.7
EX-B13-FF-3-ESW-4	4	10/09/07	0.0289 U	0.0481 U	0.0481 U	0.0963 U	NA	4.81 U	12.7 U	31.8 U	24.7 UU
EX-B13-GG-3-4	4	10/09/07	0.136	0.0462 U	0.0462 U	0.0925 U	NA	4.62 U	12.9 U	32.2 U	24.9 UU
EX-B14-DD-7-2.5	2.5	08/23/07	1.85	0.0664 U	0.0844	0.133 U	0.0121	70.6	151	82.0	304
EX-B14-DD-7-WSW-2.5	2.5	09/10/07	14.6	2.94	7.66	8.28	0.0111	2,940 J	3,640 J	213	6,790 J
EX-B14-DD-8-5	5	08/23/07	0.0500 [0.0302 U]	0.0519 U [0.0504 U]	0.0519 U [0.0504 U]	0.104 U [0.101 U]	0.226 [0.222]	40.3 JZ [23.3 JZ]	990 Q4 [425 Q4]	861 Q4 [396 Q4]	1,890 J [844 J]
EX-B14-DD-8-6	6	09/04/07	0.0999 [0.0912]	0.0496 U [0.0507 U]	0.0549 [0.0507 U]	0.0993 U [0.101 U]	0.00945 [0.00929]	13.9 [11.9]	70.8 JQ4 [28.3 JQ4]	75.1 JQ4 [30.9 UQ4]	160 J [71.1 J]
EX-B14-DD-NSW-2.5	2.5	08/23/07	0.0885 J [1.32 J]	0.0509 U [0.0687 U]	0.0509 U [0.0768]	0.102 U [0.137 U]	0.0112 [0.0244]	25.0 [72.9 JZ]	157 Q4 [188]	83.6 Q4 [88.7]	266 [350 J]
EX-B14-EE-5-4	4	09/10/07	0.404	0.0701 U	0.662	0.800	NA	445 JZ	12.1 U	30.3 U	466 J
EX-B14-EE-6-8	8	09/10/07	0.239	0.0541 U	0.0541 U	0.108 U	NA	5.41 U	11.7 U	29.2 U	23.2 UU
EX-B14-EE-7-8	8	08/23/07	0.0581 U	0.0968 U	0.0968 U	0.194 U	NA	9.68 U	17.9 U	44.7 U	36.1 UU
EX-B14-EE-8-4	4	08/23/07	0.255	0.0490 U	0.0490 U	0.0980 U	NA	4.90 U	12.7 U	31.7 U	24.7 UU
EX-B14-EE-WSW-4	4	08/23/07	2.30	0.539 U	4.91	7.39	0.224	1,040 JZ	3,290 J	598 UJ	4,630 J
EX-B14-FF-6-4	4	09/07/07	0.213	0.0536 U	0.0536 U	0.107 U	NA	5.57	12.6 U	31.4 U	27.6
EX-B14-FF-7-8	8	08/23/07	0.0763 U	0.127 U	0.127 U	0.254 U	NA	12.7 U	20.1 U	50.3 U	41.6 UU
EX-B14-FF-8-4SW	4	08/22/07	0.0505 U	0.0841 U	0.0841 U	0.168 U	0.0119	8.41 U	523	144	671
EX-B14-FF-WSW-4	4	08/23/07	0.100	0.0489 U	0.0489 U	0.0977 U	0.0107	16.3	64.2	34.6	115
EX-B14-GG-7-8	8	08/23/07	0.0266 U	0.0444 U	0.0444 U	0.0888 U	NA	4.44 U	12.1 U	30.4 U	23.5 UU
EX-B14-GG-WSW-4	4	08/23/07	0.0275 U	0.0458 U	0.0458 U	0.0915 U	0.0218	8.72	428 Q4	138 Q4	575
EX-B14-HH-6-4	4	08/23/07	0.0302 U [0.0285 U]	0.0504 U [0.0475 U]	0.0504 U [0.0475 U]	0.101 U [0.0949 U]	0.0107 [0.0107]	5.04 U [4.75 U]	40.1 Q4 [44.6 Q4]	80.6 Q4 [90.5 Q4]	123 [137]
EX-B14-HH-6F	6	08/23/07	0.0260 U	0.0433 U	0.0433 U	0.0866 U	0.0110	4.33 U	38.3 Q12	29.4 U	55.2
EX-B14-HH-7-4SW	4	08/23/07	0.0277 U	0.0461 U	0.0461 U	0.0923 U	0.0117	9.66 JZ	29.1 JY	29.5 U	53.5 J
EX-B15-HH-2-4	4	08/28/07	0.0901	0.0563 U	0.0563 U	0.184	NA	5.63 U	13.2 U	33.0 U	25.9 UU
EX-B15-HH-3-ESW-4	4	08/28/07	0.0319 U	0.0532 U	0.0532 U	0.106 U	NA	5.32 U	11.9 U	29.8 U	23.5 UU
EX-B15-HH-3-NSW-4	4	08/28/07	0.356	0.0539 U	0.0539 U	0.108 U	NA	5.39 U	13.0 U	32.4 U	25.4 UU
EX-B15-II-2-8	8	08/28/07	0.0571	0.0789 U	0.0789 U	0.158 U	NA	12.6	15.4 U	38.4 U	39.5
EX-B15-II-2-WSW-4	4	08/28/07	1.10	0.0517 U	0.143	0.133	NA	29.2	12.9 U	32.4 U	51.9
EX-B15-II-3-8	8	08/28/07	0.0264 U	0.0440 U	0.0440 U	0.0880 U	NA	4.40 U	11.6 U	29.1 U	22.6 UU
EX-B15-II-4-ESW-4	4	08/28/07	0.0316 U	0.0527 U	0.0527 U	0.169	0.0115	209 JZ	676	153	1,040 J
EX-B16-MM-1-6SW	6	08/20/07	0.305 U	0.508 U	0.807	1.02 U	0.00911	293 JZ	656	78.3 Q7	1,030 J
EX-B17-RR-1-6SW	6	08/20/07	0.0488 U	0.0814 U	0.0814 U	0.163 U	0.0113	8.14 U	51.2 JY	72.5 J	128 J
EX-B17-SS-1-6SW	6	08/20/07	0.0270 U	0.0450 U	0.0450 U	0.0900 U	NA	4.50 U	12.0 U	30.1 U	23.3 UU
EX-B18-UU-1-6SW	6	08/17/07	0.290 U [0.288 U]	0.484 U [0.480 U]	0.691 [0.554]	2.55 [1.94]	0.0435 [0.0103]	693 JZ [611 JZ]	1,140 J [376 J]	146 U [58.5 U]	1,910 J [1,020 J]
EX-B18-VV-1-6SW	6	08/17/07	1.56 U	2.60 U	2.60 U	5.82	0.0457	2,150 JZ	2,670 J	312 U	4,980 J
EX-B20-O-14-12	12	01/18/08	0.0303 U	0.0505 U	0.0505 U	0.101 U	NA	5.05 U	12.1 U	30.1 U	23.6 UU
EX-B20-O-15-12	12	01/18/08	0.0299 U	0.0499 U	0.0499 U	0.0998 U	NA	4.99 U	12.4 U	31.1 U	24.2 UU
EX-B20-F-19-6	6	10/18/07	0.0538	0.0521 U	0.0763	0.320	NA	23.0	12.4 U	31.1 U	44.8
EX-B20-F-19-NSW-3	3	10/26/07	0.0271 U	0.0451 U	0.0451 U	0.0902 U	NA	4.51 U	11.1 U	27.8 U	21.7 UU
EX-B20-F-20-10	10	10/30/07	0.0290 U	0.0484 U	0.0484 U	0.0968 U	0.0230	4.84 U	53.4	31.1 U	71.4
EX-B20-F-20-NSW-4	4	10/30/07	0.0286 U [0.0292 U]	0.0476 U [0.0486 U]	0.0476 U [0.0486 U]	0.0952 U [0.0972 U]	NA [NA]	4.76 U [4.86 U]	11.1 U [11.3 U]	27.8 U [28.3 U]	21.8 UU [22.2 UU]
EX-B20-F-21-4	4	10/17/07	0.0316 U	0.0526 U	0.0526 U	0.105 U	NA	5.26 U	12.0 U	30.0 U	23.6 UU
EX-B20-G-13-12	12	11/26/07	0.0268 U	0.0447 U	0.0447 U	0.0895 U	0.00823	4.47 U	100 J	27.3 U	116 J
EX-B20-G-14-12	12	11/20/07	0.0292 U	0.0486 U	0.0486 U	0.0973 U	NA	4.86 U	12.1 U	30.3 U	23.6 UU
EX-B20-G-14-WSW-4	4	11/20/07	0.0299 U	0.0498 U	0.0498 U	0.0995 U	0.00815	4.98 U	48.5 Q11	32.9	83.9
EX-B20-G-18-15	15	10/18/07	0.0276 U	0.0460 U	0.0460 U	0.0919 U	NA	5.04 U	12.1 U	30.3 U	23.7 UU
EX-B20-G-19-15	15	10/18/07	0.0377 U	0.0628 U	0.0628 U	0.126 U	NA	6.28 U	12.0 U	30.1 U	24.2 UU
EX-B20-G-20-15	15	10/18/07	0.0365	0.0488 U	0.179	0.0976 U	NA	4.88 U	11.8 U	29.4 U	23.0 UU
EX-B20-G-21-10	10	10/17/07	0.271 U	0.792	0.451 U	0.903 U	0.00944	123 JZ	1,020	59.0	1,200 J
EX-B20-G-21-ESW-5	5	10/26/07	0.0273 U	0.0455 U	0.0455 U	0.0910 U	0.00891	4.55 U	36.0 C8	29.3 U	52.9

TABLE 4
Excavation Soil Sample Analytical Results
Unocal Edmonds Bulk Fuel Terminal Lower Yard
Phase I Remedial Implementation As-built Report
11720 Unoco Road
Edmonds, Washington

Sample ID	Sample Depth (feet bgs)	Date Sampled	BTEX (mg/kg)				Total cPAHs Adjusted for Toxicity (mg/kg) <i>CUL = 0.14 mg/kg</i>	Gasoline (mg/kg)	Diesel (mg/kg)	Heavy Oil (Lube) (mg/kg)	Total TPH (mg/kg) <i>REL = 2,975</i>
			B	T	E	X					
			<i>REL = 18 mg/kg</i>								
EX-B20-H-10-4	4	11/30/07	0.0291 U	0.0484 U	0.0484 U	0.0968 U	0.00858	4.84 U	148 Q4	195 Q4	345
EX-B20-H-11-4	4	11/29/07	0.0298 U	0.0497 U	0.0497 U	0.0994 U	NA	4.97 U	11.0 U	27.5 U	21.7 UU
EX-B20-H-12-6	6	11/29/07	0.0284 U [0.0291 U]	0.0473 U [0.0485 U]	0.0473 U [0.0485 U]	0.0946 U [0.0970 U]	0.00823 [0.00831]	4.73 U [4.85 U]	28.9 Q11 [35.8 Q11]	27.4 U [27.6 U]	45.0 [52.0]
EX-B20-H-12-NSW-2	2	11/29/07	0.0262 U	0.0437 U	0.0437 U	0.0873 U	NA	4.37 U	11.3 U	28.3 U	22.0 UU
EX-B20-H-13-12	12	11/26/07	0.0330 U	0.0550 U	0.0550 U	0.110 U	NA	5.50 U	12.3 U	30.7 U	24.3 UU
EX-B20-H-14-12	12	11/20/07	0.0319 U	0.0531 U	0.0531 U	0.106 U	0.00959	5.31 U	70.9 Q11	31.6 U	89.4
EX-B20-H-14-WSW-4	4	11/20/07	0.0277 U [0.0306 U]	0.0461 U [0.0510 U]	0.0461 U [0.0510 U]	0.0922 U [0.102 U]	0.00876 [0.00846]	4.61 U [5.10 U]	27.1 Q11 [20.4 Q11]	28.5 U [27.6 U]	43.7 [36.8]
EX-B20-H-18-15	15	10/18/07	0.0299 U [0.0301 U]	0.0498 U [0.0502 U]	0.0498 U [0.0502 U]	0.0997 U [0.100 U]	NA [NA]	4.98 U [5.02 U]	12.0 U [12.2 U]	30.0 U [30.5 U]	23.5 UU [23.9 UU]
EX-B20-H-19-15	15	10/18/07	0.0276 U	0.0460 U	0.0689	0.0920 U	NA	4.60 U	12.1 U	30.2 U	23.5 UU
EX-B20-H-20-15	15	10/18/07	0.107	0.0671 U	0.474	0.378	NA	10.5	13.8 U	34.5 U	34.7
EX-B20-H-21-10	10	10/18/07	0.0683 U	0.114 U	0.114 U	0.228 U	0.0153	11.4 U	506	72.1	584
EX-B20-H-21-ESW-5	5	10/26/07	0.0271 U	0.0452 U	0.0452 U	0.0903 U	0.00891	7.14 JZ	58.7 J	29.1 U	80.4 J
EX-B20-I-9-9	9	10/17/07	0.0440 U	0.0733 U	0.0733 U	0.147 U	NA	7.33 U	15.6 U	39.1 U	31.0 UU
EX-B20-I-10-10	10	11/29/07	0.0308 U	0.0514 U	0.0514 U	0.103 U	NA	5.14 U	12.7 U	31.8 U	24.8 UU
EX-B20-I-11-10	10	11/29/07	0.0329 U	0.0549 U	0.0549 U	0.110 U	NA	7.89	12.2 U	30.6 U	29.3
EX-B20-I-11-NSW-6	6	11/29/07	0.0299 U	0.0499 U	0.0499 U	0.0997 U	0.00815	5.84 JZ	63.6 Q11	26.9 U	82.9 J
EX-B20-I-12-10	10	11/29/07	0.0296 U	0.0493 U	0.0493 U	0.0985 U	NA	5.87	12.4 U	31.0 U	27.6
EX-B20-I-13-12	12	11/26/07	0.0291 U	0.0485 U	0.0485 U	0.0971 U	NA	4.85 U	11.8 U	29.4 U	23.0 UU
EX-B20-I-14-12	12	11/20/07	0.0314 U	0.0524 U	0.0524 U	0.105 U	NA	5.24 U	13.0 U	32.5 U	25.4 UU
EX-B20-I-15-15	15	11/05/07	0.0315 U	0.0525 U	0.0525 U	0.105 U	NA	5.25 U	13.6 U	34.0 U	26.4 UU
EX-B20-I-18-15	15	10/19/07	0.0392	0.0498 U	0.156	0.0997 U	NA	4.98 U	12.6 U	31.6 U	24.6 UU
EX-B20-I-19-15	15	10/18/07	0.0361 U [0.0326 U]	0.0601 U [0.0543 U]	0.0601 U [0.0543 U]	0.120 U [0.109 U]	NA [NA]	6.01 U [5.43 U]	13.3 U [13.1 U]	33.2 U [32.9 U]	26.3 UU [25.7 UU]
EX-B20-I-20-8	8	10/18/07	0.0303 U	0.0505 U	0.0505 U	0.101 U	NA	5.05 U	12.7 U	31.7 U	24.7 UU
EX-B20-I-21-4	4	10/30/07	0.0254 U	0.0423 U	0.0423 U	0.0846 U	0.0231	4.83 JZ	37.8	49.7	92.3 J
EX-B20-J-9-9	9	10/17/07	0.0310 U	0.0517 U	0.0517 U	0.103 U	0.00906	37.0 JZ	12.9	29.8 U	64.8 J
EX-B20-J-10-10	10	11/29/07	0.0340 U	0.0945	0.0567 U	0.123	NA	18.1	12.7 U	31.8 U	40.4
EX-B20-J-11-11	11	12/13/07	0.0301 U	0.0502 U	0.0502 U	0.100 U	NA	5.02 U	12.6 U	31.6 U	24.6 UU
EX-B20-J-12-10	10	11/28/07	0.0329	0.0539 U	0.0539 U	0.108 U	NA	5.39 U	12.3 U	30.8 U	24.2 UU
EX-B20-J-13-12	12	11/26/07	0.0304 U	0.0507 U	0.0507 U	0.101 U	NA	5.07 U	12.2 U	30.4 U	23.8 UU
EX-B20-J-14-12	12	11/20/07	0.0302 U	0.0503 U	0.0503 U	0.101 U	0.00891	5.03 U	29.6 Q11	29.3 U	46.8
EX-B20-J-15-15	15	11/05/07	0.0346 U	0.0577 U	0.0577 U	0.115 U	NA	5.77 U	13.2 U	32.9 U	25.9 UU
EX-B20-J-18-15	15	10/19/07	0.0293 U	0.0489 U	0.0489 U	0.0978 U	NA	4.89 U	12.2 U	30.5 U	23.8 UU
EX-B20-J-20-4	4	10/30/07	0.0355 U	0.0592 U	0.0592 U	0.118 U	NA	5.92 U	13.9 UC	34.8 U	34.3
EX-B20-K-7-5	5	01/10/08	0.0349 U	0.0918	0.0928	0.416	0.00936	65.1 JZ	16.1 JY	41.1	122 J
EX-B20-K-9-9	9	10/16/07	0.0385 U	0.0642 U	0.0642 U	0.128 U	NA	8.19	12.3 U	30.9 U	29.8
EX-B20-K-10-10	10	11/30/07	0.0315 U	0.0525 U	0.0525 U	0.105 U	NA	5.25 U	12.9 U	32.3 U	25.2 UU
EX-B20-K-11-10	10	11/29/07	0.0290 U	0.0483 U	0.0483 U	0.0967 U	NA	4.83 U	12.4 U	31.0 U	24.1 UU
EX-B20-K-12-12	12	11/29/07	0.0310 U	0.0517 U	0.0517 U	0.103 U	NA	5.17 U	12.8 U	32.1 U	25.0 UU
EX-B20-K-13-12	12	11/26/07	0.0305 U	0.0508 U	0.0508 U	0.102 U	NA	5.08 U	13.1 U	32.8 U	25.5 UU
EX-B20-K-14-12	12	11/20/07	0.0283 U	0.0471 U	0.0471 U	0.0943 U	NA	4.71 U	12.3 U	30.8 U	23.9 UU
EX-B20-K-15-15	15	11/05/07	0.0282 U	0.0470 U	0.0470 U	0.0940 U	NA	4.70 U	12.2 U	30.5 U	23.7 UU
EX-B20-K-16-15	15	10/31/07	0.0279 U	0.0466 U	0.0466 U	0.0932 U	NA	4.66 U	12.4 U	31.0 U	24.0 UU
EX-B20-L-7-5	5	02/08/08	0.0256 U	0.0427 U	0.128	0.217	0.00956	41.3 JZ	84.8	64.8	191 J
EX-B20-L-8-10	10	12/11/07	0.0337 U	0.0561 U	0.0561 U	0.112 U	NA	6.07	13.7 U	34.1 U	30.0

TABLE 4
Excavation Soil Sample Analytical Results
Unocal Edmonds Bulk Fuel Terminal Lower Yard
Phase I Remedial Implementation As-built Report
11720 Unoco Road
Edmonds, Washington

Sample ID	Sample Depth (feet bgs)	Date Sampled	BTEX (mg/kg)				Total cPAHs Adjusted for Toxicity (mg/kg) <i>CUL = 0.14 mg/kg</i>	Gasoline (mg/kg)	Diesel (mg/kg)	Heavy Oil (Lube) (mg/kg)	Total TPH (mg/kg) <i>REL = 2,975</i>
			B	T	E	X					
			<i>REL = 18 mg/kg</i>								
EX-B20-L-8-WSW5	5	01/07/08	0.0410 [0.0430]	0.123 [0.142]	0.0586 U [0.0651]	0.131 [0.110 U]	0.0104 [0.00973]	26.8 JZ [36.4 JZ]	107 Q4 [154 Q4]	81.4 JQ4 [202 JQ4]	215 J [392 J]
EX-B20-L-9-10	10	12/11/07	0.0320 U	0.0534 U	0.0534 U	0.107 U	NA	5.34 U	12.8 U	31.9 U	25.0 UU
EX-B20-L-10-10	10	11/30/07	0.0310 U	0.0516 U	0.0516 U	0.103 U	NA	5.16 U	12.6 U	31.4 U	24.6 UU
EX-B20-L-11-10	10	12/07/07	0.0322 U	0.0537 U	0.0537 U	0.107 U	NA	5.37 U	13.1 U	32.7 U	25.6 UU
EX-B20-L-12-12	12	11/29/07	0.0321 U	0.0536 U	0.0536 U	0.107 U	NA	5.36 U	12.1 U	30.3 U	23.9 UU
EX-B20-L-13-12	12	11/26/07	0.0295 U	0.0492 U	0.0492 U	0.0983 U	NA	4.92 U	12.8 U	32.0 U	24.9 UU
EX-B20-L-14-12	12	11/20/07	0.0292 U	0.0486 U	0.0486 U	0.0972 U	NA	4.86 U	12.2 U	30.5 U	23.8 UU
EX-B20-L-15-15	15	11/05/07	0.0282 U	0.0471 U	0.0471 U	0.0941 U	NA	4.71 U	12.3 U	30.8 U	23.9 UU
EX-B20-L-16-15	15	10/31/07	0.0297 U	0.0496 U	0.0496 U	0.0992 U	NA	4.96 U	12.7 U	31.7 U	24.7 UU
EX-B20-M-6-5	5	02/08/08	0.778 J	0.278 U	13.8 J	40.1 J	0.103	4,630 JZ	5,250 JQ10	7,070 J	17,000 J
EX-B20-M-7-10	10	02/08/08	0.0376 U	0.0627 U	0.0627 U	0.125 U	NA	6.27 U	12.0 U	29.9 U	24.1 UU
EX-B20-M-8-12	12	01/16/08	0.0297 U	0.0495 U	0.0495 U	0.0990 U	NA	9.22	11.9 U	29.8 U	30.1
EX-B20-M-9-12	12	01/16/08	0.0319 U	0.0532 U	0.0532 U	0.106 U	NA	9.88	12.3 U	30.8 U	31.4
EX-B20-M-10-12	12	12/07/07	0.0363	0.0534 U	0.0534 U	0.107 U	NA	8.72	12.5 U	31.2 U	30.6
EX-B20-M-11-12	12	12/07/07	0.0314 U	0.0523 U	0.0523 U	0.105 U	NA	5.23 U	12.7 U	31.7 U	24.8 UU
EX-B20-M-12-12	12	12/07/07	0.0299 U [0.0310 U]	0.0498 U [0.0517 U]	0.0498 U [0.0517 U]	0.0997 U [0.103 U]	NA [NA]	4.98 U [5.17 U]	11.5 U [11.0 U]	28.9 U [27.4 U]	22.7 UU [21.8 UU]
EX-B20-M-13-14	14	12/07/07	0.0332 U	0.0554 U	0.0554 U	0.111 U	NA	5.54 U	13.8 U	34.5 U	26.9 UU
EX-B20-M-14-11	11	12/07/07	0.0306 U	0.0510 U	0.0510 U	0.102 U	NA	5.10 U	11.9 U	29.7 U	23.4 UU
EX-B20-M-15-11	11	12/07/07	0.0316 U	0.0527 U	0.0527 U	0.105 U	NA	5.27 U	11.5 U	28.8 U	22.8 UU
EX-B20-M-16-15	15	11/09/07	0.0302 U	0.0504 U	0.0504 U	0.101 U	NA	5.04 U	11.9 U	29.8 U	23.4 UU
EX-B20-M-16-SSW-12	12	11/09/07	0.0298 U	0.0497 U	0.0497 U	0.0995 U	NA	4.97 U	10.8 U	26.9 U	21.3 UU
EX-B20-M-17-10	10	11/09/07	0.0297 U	0.0495 U	0.0495 U	0.0989 U	NA	4.95 U	12.0 U	30.0 U	23.5 UU
EX-B20-M-17-ESW-5	5	11/09/07	0.0303 U	0.0505 U	0.0505 U	0.101 U	NA	5.05 U	12.4 U	30.9 U	24.2 UU
EX-B20-M-17-SSW-4	4	11/09/07	1.09	0.504 U	0.504 U	1.04	0.412	1,090 JZ	13,000	271 UQ7	14,400 J
EX-B20-M-17-SSW-6	6	01/28/08	0.577	0.529 U	0.529 U	1.21	0.166	1,380 Q10a	13,600 J	1,380 UJ	15,700 J
EX-B20-N-7-8	8	01/16/08	0.0324 U	0.0540 U	0.0540 U	0.108 U	NA	8.29	11.9 U	29.7 U	29.1
EX-B20-N-7-WSW-4	4	01/16/08	0.0293 U	0.0489 U	0.0489 U	0.0978 U	0.0152	33.5 JZ	148 Q4	125 Q4	307 J
EX-B20-N-8-12	12	01/16/08	0.0318 U	0.0530 U	0.0530 U	0.106 U	NA	5.30 U	12.8 U	31.9 U	25.0 UU
EX-B20-N-9-12	12	01/16/08	0.0313 U	0.0521 U	0.0521 U	0.104 U	NA	5.21 U	12.6 U	31.6 U	24.7 UU
EX-B20-N-10-12	12	01/08/08	0.0292 U	0.0487 U	0.0487 U	0.0974 U	NA	4.87 U	11.7 U	29.2 U	22.9 UU
EX-B20-N-11-12	12	01/08/08	0.0292 U	0.0487 U	0.0487 U	0.0975 U	NA	5.56	12.1 U	30.2 U	26.7
EX-B20-N-12-12	12	01/08/08	0.0282 U	0.0470 U	0.0470 U	0.0941 U	NA	4.70 U	11.9 U	29.9 U	23.3 UU
EX-B20-N-13-12	12	01/08/08	0.0310 U	0.0517 U	0.0517 U	0.103 U	NA	5.17 U	12.4 U	31.0 U	24.3 UU
EX-B20-N-14-12	12	12/11/07	0.0308 U	0.0513 U	0.0513 U	0.103 U	NA	5.13 U	12.3 U	30.7 U	24.1 UU
EX-B20-N-15-12	12	12/11/07	0.0338 U	0.0563 U	0.0563 U	0.113 U	NA	5.63 U	13.1 U	32.7 U	25.7 UU
EX-B20-N-16-4	4	11/09/07	2.02	1.74	2.41	2.52	0.409	2,120 JZ	14,700	312 Q7	17,100 J
EX-B20-N-16-12	12	11/13/07	0.0322 U	0.0537 U	0.0537 U	0.107 U	NA	5.37 U	11.6 U	29.1 U	23.0 UU
EX-B21-ESW-2	2	10/11/07	0.0354 U	0.0591 U	0.0591 U	0.118 U	NA	5.91 U	11.0 U	27.5 U	22.2 UU
EX-B21-FLOOR-4	4	10/11/07	0.0303 U	0.0506 U	0.0506 U	0.101 U	NA	5.06 U	11.8 U	29.5 U	23.2 UU
EX-B21-NSW-2	2	10/11/07	0.0300 U	0.0500 U	0.0500 U	0.100 U	0.00883	5.00 U	12.4 JY	44.6	59.5 J
EX-SDTI-5-NSW-4	4	08/22/07	0.0320 U	0.0533 U	0.0533 U	0.107 U	NA	5.33 U	12.8 U	31.9 U	25.0 UU
EX-SDTI-5-SSW-4	4	08/22/07	0.0344 U	0.0574 U	0.0574 U	0.115 U	NA	5.74 U	13.0 U	32.4 U	25.6 UU
EX-SDTI-ESW-4	4	08/22/07	0.0400 U	0.0667 U	0.0667 U	0.133 U	0.0107	6.67 U	30.1 Q11	35.6 U	51.2
EX-SDTI-FF-S-8	8	08/22/07	0.0333 U	0.0556 U	0.0556 U	0.111 U	0.00951	5.56 U	32.3 Q11	64.7	99.8
EX-SDTI-GG-ESW-4	4	08/22/07	0.0304 U	0.0507 U	0.0507 U	0.101 U	NA	5.07 U	12.3 U	30.6 U	24.0 UU
EX-SDTI-GG-S-8	8	08/22/07	0.0286 U	0.0477 U	0.0477 U	0.0953 U	0.00936	4.77 U	12.1 U	42.4	50.8
EX-SDTI-GG-WSW-4	4	08/22/07	0.0322 U	0.0537 U	0.0537 U	0.107 U	0.00929	5.37 U	36.8 Q11	31.5 U	55.2
EX-SDTI-WSW-4	4	08/22/07	0.0757	0.0580 U	0.0580 U	0.116 U	NA	9.40	12.2 U	30.6 U	30.8
EX-WW-G-27-2SW	2	08/07/07	0.0287 U	0.0479 U	0.0479 U	0.0958 U	0.00924	4.79 U	14.9 JY	49.7	67.0 J
EX-WW-G-27-4	4	08/07/07	0.0299 U	0.0498 U	0.0498 U	0.0997 U	NA	4.98 U	10.9 U	27.3 U	21.6 UU
EX-WW-H-27-2.5	2.5	08/07/07	0.0384 U	0.0639 U	0.0639 U	0.128 U	0.0321	6.39 U	16.4 JY	60.0	79.6 J
EX-WW-H-28-2	2	08/07/07	0.0294 U	0.0491 U	0.0491 U	0.0981 U	0.00891	6.07	21.4 JY	68.1	95.6 J
EX-WW-H-29-1	1	08/07/07	0.0335 U	0.0559 U	0.0559 U	0.112 U	0.00808	4.59 U	20.0 JY	78.9	101 J
EX-WW-I-26-1	1	08/07/07	0.0254 U	0.0424 U	0.0424 U	0.0848 U	0.00934	4.24 U	12.3 JY	44.3	58.7 J

TABLE 4
Excavation Soil Sample Analytical Results
 Unocal Edmonds Bulk Fuel Terminal Lower Yard
 Phase I Remedial Implementation As-built Report
 11720 Unoco Road
 Edmonds, Washington

Sample ID	Sample Depth (feet bgs)	Date Sampled	BTEX (mg/kg)				Total cPAHs Adjusted for Toxicity (mg/kg)	Gasoline (mg/kg)	Diesel (mg/kg)	Heavy Oil (Lube) (mg/kg)	Total TPH (mg/kg)
			B	T	E	X					
			REL = 18 mg/kg				CUL = 0.14 mg/kg				REL = 2,975
P-B15-NE-SW	4	08/16/07	0.598	0.692	2.35	2.87	NA	874 J	763 JX	637	2,270 J
P-B15-NW-SW	4	08/16/07	8.73	5.36 U	63.5	18.5	NA	6,610	1,910 JX	580 UJ	8,810 J

Notes:

BTEX analyzed by EPA Method 8021B.
 cPAHs analyzed by EPA Method 8270 SIM.
 Gasoline analyzed by method NWTTPH-G.
 Diesel and Heavy Oil (Lube) analyzed by method NWTTPH-D Extended.
 Total TPH calculated by summing the concentrations of gasoline, diesel and heavy oil. If one or more TPH constituents were reported as Non-Detect, half of the reporting limit value was added to the total.
 cPAHs adjusted for toxicity according to WAC 173-340-708(8) and *Air Toxics Hot Spots Program Risk Assessment Guidelines, Part II Technical Support Document for Describing Available Cancer Potency Factors*. Office of Environmental Health Hazard Assessment, California EPA, May 2005. If one or more adjusted cPAH constituents were reported as Non-Detect, half of the reporting limit was used in calculations.
 Highlighted cells indicate concentration exceeds REL or CUL.
 [] = Bracketed data indicate duplicate sample.

feet bgs = Feet below ground surface
 BTEX = Benzene, toluene, ethylbenzene, and total xylenes
 mg/kg = Milligrams per kilogram
 cPAHs = Carcinogenic polyaromatic hydrocarbons
 TPH = Total petroleum hydrocarbons
 REL = Remediation level
 CUL = Cleanup level
 NA = Not analyzed
 EPA = Environmental Protection Agency

Lab Qualifiers	Definition
C	Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
C8	Calibration Verification recovery was above the method control limit for this analyte. A high bias may be indicated.
D	Compound quantitated using a secondary dilution.
J	Indicates an estimated value.
JX	Results in the diesel organic range are primarily due to overlap from a gasoline range product.
JY	Results in the diesel organics range are primarily due to overlap from a heavy oil range product.
JZ	Detected hydrocarbons in the gasoline range appear to be due to overlap of diesel range hydrocarbons.
Q10	Hydrocarbon pattern most closely resembles a blend of gasoline and diesel range hydrocarbons.
Q10a	Hydrocarbon pattern most closely resembles a blend of gasoline and diesel range hydrocarbons.
Q11	Detected hydrocarbons in the diesel range do not have a distinct diesel pattern and may be due to heavily weathered diesel.
Q12	Detected hydrocarbons in the diesel range do not have a distinct diesel pattern and may be due to heavily weathered diesel or possibly biogenic interference.
Q4	The hydrocarbons present are a complex mixture of diesel range and heavy oil range organics.
Q7	The heavy oil range organics present are due to hydrocarbons eluting primarily in the diesel range.
Q9	Hydrocarbon pattern most closely resembles transformer oil.
U	The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
RL1	Reporting limit raised due to sample matrix effects.
UJ	The compound was analyzed for but not detected. The associated value is the estimated compound quantitation limit.
UU	The constituents making up the total are all non-detects.

TABLE 5
Soil Sample Arsenic Results
 Unocal Edmonds Bulk Fuel Terminal Lower Yard
 Phase I Remedial Implementation As-built Report
 11720 Unoco Road
 Edmonds, Washington

Sample ID	Date Sampled	Sample Depth (feet bgs)	Arsenic (mg/kg)
			CUL = 20 mg/kg
EX-B19-YY-3-1	3/5/2008	1	5.08
EX-B19-YY-2-1	3/5/2008	1	9.84
EX-B19-YY-1-1	3/5/2008	1	5.45
EX-B19-ZZ-1-1	3/5/2008	1	25.0 [30.9]
EX-B19-ZZ-2-1	3/5/2008	1	8.56
EX-B19-ZZ-3-1	3/5/2008	1	5.54
EX-B19-ZZ-1-2	3/7/2008	2	30.7
EX-B19-ZZ-1-2.5	3/12/2008	2.5	<5.54

Notes:

feet bgs = Feet below ground surface

mg/kg = Milligrams per kilogram.

CUL = Cleanup level

[] Indicate Duplicate sample Duplicate samples immediately precede the parent sample.

Highlighted cells indicate concentration exceeds REL or CUL.

Lab Qualifiers	Definition
<	The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

TABLE 6
LNAPL and Groundwater Removal
 Unocal Edmonds Bulk Fuel Terminal Lower Yard
 Phase I Remedial Implementation As-built Report
 11720 Unoco Road
 Edmonds, Washington

Date	Emerald Bill of Lading Number	Estimated Gallons of Liquid Removed ¹	Estimated Percent LNAPL ²	Estimated Gallons of LNAPL Removed ³	Estimated Gallons of Water Removed ⁴	Area of Removal
08/15/07	34985	5,333	1%	53	5,280	Stormwater Detention Tank
08/15/07	41563	4,229	1%	42	4,187	Stormwater Detention Tank
08/15/07	41560	6,113	1%	61	6,052	Stormwater Detention Tank
08/15/07	34987	5,675	1%	57	5,618	Stormwater Detention Tank
08/20/07	41570	6,434	1%	64	6,370	Oil/water seperator
08/20/07	42303	5,784	1%	58	5,726	Oil/water seperator
08/20/07	42302	5,991	1%	60	5,931	Oil/water seperator
08/20/07	41569	6,507	1%	65	6,442	Oil/water seperator
08/21/07	42304	6,675	1%	67	6,608	Oil/water seperator
08/21/07	41571	6,507	1%	65	6,442	Oil/water seperator
08/29/07	39077	2,903	5%	145	2,758	B15
08/29/07	41574	2,896	5%	145	2,751	B15
08/31/07	42388	3,122	5%	156	2,966	B15
09/06/07	42391	1,651	10%	165	1,486	A4
09/07/07	42156	1,221	10%	122	1,099	A4
09/10/07	42444	2,354	5%	118	2,236	A4
09/10/07	42445	2,307	5%	115	2,192	A4
09/10/07	42492	2,605	1%	26	2,579	Sump located at A4
09/10/07	42494	2,315	1%	23	2,292	Sump located at A4
09/11/07	42496	2,560	5%	128	2,432	A4
09/11/07	42495	1,650	5%	83	1,568	A3
09/12/07	42498	2,209	1%	22	2,187	A4
09/12/07	42395	2,986	5%	149	2,837	A3
09/12/07	42394	2,986	5%	149	2,837	A3
09/12/07	42497	2,742	5%	137	2,605	A4/A3
09/13/07	42499	2,612	1%	26	2,586	A3
09/14/07	42398	2,986	5%	149	2,837	A3/A4
09/17/07	42570	580	5%	29	551	A4
09/17/07	42569	2,471	5%	124	2,347	A4
09/18/07	42571	2,343	5%	117	2,226	A4
09/21/07	42612	1,683	1%	17	1,666	A3
09/24/07	42615	1,343	1%	13	1,330	A3
09/25/07	42617	1,870	1%	19	1,851	A3
09/26/07	42618	2,711	10%	271	2,440	A3
09/27/07	42633	2,316	1%	23	2,293	A3
09/28/07	42634	2,612	1%	26	2,586	A3
10/10/07	42752	4,259	1%	43	4,216	A3/A4
10/11/07	42753	2,970	1%	30	2,940	A3/A4
10/12/07	42754	1,890	1%	19	1,871	A4
10/16/07	40669	3,122	1%	31	3,091	A4
10/19/07	42693	3,330	1%	33	3,297	A4
10/25/07	40799	2,128	1%	21	2,107	A4
11/07/07	41805	1,441	1%	14	1,427	A1
11/19/07	41215	5,784	1%	58	5,726	A1/DB2
11/19/07	41216	2,521	5%	126	2,395	A1
11/27/07	41227	2,851	5%	143	2,708	A1/B20
11/28/07	41228	3,330	5%	167	3,164	A1
12/03/07	41229	5,015	5%	251	4,764	B20
12/04/07	41232	4,247	0%	0	4,247	DB2

TABLE 6
LNAPL and Groundwater Removal
Unocal Edmonds Bulk Fuel Terminal Lower Yard
Phase I Remedial Implementation As-built Report
11720 Unoco Road
Edmonds, Washington

Date	Emerald Bill of Lading Number	Estimated Gallons of Liquid Removed ¹	Estimated Percent LNAPL ²	Estimated Gallons of LNAPL Removed ³	Estimated Gallons of Water Removed ⁴	Area of Removal
12/04/07	41230	5,461	0%	0	5,461	DB2
12/04/07	41231	5,406	0%	0	5,406	SDT#2
12/05/07	41233	538	0%	0	538	SDT#2
12/12/07	41957	3,257	0.5%	16.3	3,241	SDT#2
12/12/07	41956	5,784	1%	58	5,726	SDT#2/B11
12/13/07	41958	3,122	1%	31	3,091	B20
12/14/07	41959	2,439	1%	24	2,415	B20
12/17/07	41961	2,248	0.5%	11.2	2,237	SDT#2
12/18/07	41962	4,580	0%	0	4,580	SDT#2
12/18/07	41963	4,036	10%	404	3,632	B11
12/21/07	41966	4,157	10%	416	3,741	B11
12/28/07	39534	4,196	5%	210	3,986	B11/B20
01/07/08	42683	6,300	1%	63	6,237	B11
01/08/08	42815	1,812	5%	91	1,721	B11
01/09/08	42816	1,633	5%	82	1,551	B11
01/10/08	42817	4,161	1%	42	4,119	B11/B20
01/11/08	42988	4,759	1%	48	4,711	B11/B20
01/14/08	42989	4,161	5%	208	3,953	B11
01/15/08	43008	3,722	5%	186	3,536	B11
01/16/08	42990	4,660	5%	233	4,427	B11
01/24/08	43002	3,955	5%	198	3,757	B11
01/30/08	43007	2,991	25%	748	2,243	B11/A2
01/31/08	43130	2,206	10%	221	1,985	B11/A2
02/01/08	43131	2,089	10%	209	1,880	B11/A2
02/05/08	43203	3,091	10%	309	2,782	B11/A2
02/06/08	43168	2,128	10%	213	1,915	B20
02/07/08	43169	1,109	10%	111	998	B20
02/07/08	42979	184	1%	2	182	SDT2
02/11/08	43163	1,774	10%	177	1,597	B11/A2
02/12/08	43164	2,849	10%	285	2,564	B11
02/13/08	43165	1,109	10%	111	998	B11
02/14/08	43204	2,128	5%	106	2,022	B11
02/15/08	43205	2,248	10%	225	2,023	B11/A2
02/19/08	43268	3,212	5%	161	3,051	B11/A2
02/20/08	43270	2,675	10%	268	2,408	B11/A2
02/26/08	43350	1,323	10%	132	1,191	B9/A2
03/04/08	42707	488	0%	0	488	A2 liner
03/05/08	42706	1,025	0%	0	1,025	B8
03/19/08	43278	5,040	0%	0	5,040	Stormwater lines
03/20/08	43510	1,489	0%	0	1,489	DB2
04/04/08	38248	46	100%	46	0	Waste Oil
Totals:		281,761		9,668	272,093	

Notes:

- ¹: Gallons of liquid removed estimated by measuring the depth of water in the tank.
- ²: Percent LNAPL removed estimated by measuring the thickness of LNAPL on water in the vacuum truck tank.
- ³: Gallons of LNAPL removed calculated from the thickness of LNAPL on the water in the vacuum truck tank.
- ⁴: Gallons of water removed calculated by subtracting LNAPL removed from the total liquid removed.

LNAPL = Light non-aqueous phase liquid

TABLE 7
NPDES Sample Analytical Results
Unocal Edmonds Bulk Fuel Terminal Lower Yard
Phase I Remedial Implementation As-built Report
11720 Unoco Road
Edmonds, Washington

Sample ID	Date Sampled	BTEX ($\mu\text{g/l}$)					Total PAHs Adjusted for Toxicity ($\mu\text{g/l}$)	Gasoline ($\mu\text{g/l}$)	Diesel (mg/l)	Heavy Oil (Lube) (mg/l)	Total TPH (mg/l)	Total Metals (mg/l)				Turbidity (NTU)	pH (pH Units)	Hardness (mg/L as CaCO_3)
		B	T	E	X	MTBE						Arsenic	Copper	Lead	Zinc			
NPDES-MID-090507	9/5/2007	NA	NA	NA	NA	NA	NA	NA	0.369 Q	<0.472	0.369	NA	NA	NA	NA	NA	NA	NA
NPDES-EFF-090507	9/5/2007	<0.500	<0.500	<0.500	<3.00	<1.00	<0.0142	<50.0	<0.238	<0.476	ND	0.0134	NA	0.00135	NA	12.8	7.36	NA
NPDES-MID-091207	9/12/2007	NA	NA	NA	NA	NA	NA	NA	<0.250	<0.500	ND	NA	NA	NA	NA	NA	NA	NA
NPDES-EFF-091207	9/12/2007	<0.500	<0.500	<0.500	<3.00	<1.00	<0.0151	<50.0	<0.250	<0.500	ND	0.00568	NA	0.00155	NA	10.5	7.53	NA
NPDES-MID-091907	9/19/2007	NA	NA	NA	NA	NA	NA	NA	<0.236	<0.472	ND	NA	NA	NA	NA	NA	NA	NA
NPDES-EFF-091907	9/19/2007	<0.500	<0.500	<0.500	<3.00	NA	<0.0142	<50.0	<0.236	<0.472	ND	0.00634	NA	<0.00100	NA	<1.00	7.44	NA
NPDES-MID-092607	9/26/2007	NA	NA	NA	NA	NA	NA	NA	0.691 JY	0.555	1.25 J	NA	NA	NA	NA	NA	NA	NA
NPDES-EFF-092607	9/26/2007	<0.500	<0.500	<0.500	<3.00	<1.00	<0.0142	<50.0	<0.236	<0.472	ND	0.0108	NA	<0.00100	NA	1.66	7.12	NA
NPDES-MID-100307	10/3/2007	NA	NA	NA	NA	NA	NA	NA	<0.238	<0.476	ND	NA	NA	NA	NA	NA	NA	NA
NPDES-EFF-100307	10/3/2007	<0.500	<0.500	<0.500	<3.00	<1.00	<0.0142	<50.0	<0.238	<0.476	ND	0.00967	NA	<0.00100	NA	4.68	7.68	NA
NPDES-MID-101007	10/10/2007	NA	NA	NA	NA	NA	NA	NA	<0.240	<0.481	ND	NA	NA	NA	NA	NA	NA	NA
NPDES-EFF-101007	10/10/2007	0.900	<0.500	<0.500	<3.00	<1.00	<0.0144	<50.0	<0.240	<0.481	ND	0.00478	NA	0.00109	NA	1.45	7.41	NA
NPDES-MID-101707	10/17/2007	NA	NA	NA	NA	NA	NA	NA	<0.238	<0.476	ND	NA	NA	NA	NA	NA	NA	NA
NPDES-EFF-101707	10/17/2007	<0.500	<0.500	<0.500	<3.00	<1.00	<0.0142	<50.0	<0.236	<0.472	ND	0.00683	NA	0.00147	NA	6.26	7.70	NA
NPDES-MID-102407	10/24/2007	NA	NA	NA	NA	NA	NA	NA	<0.236	<0.472	ND	NA	NA	NA	NA	NA	NA	NA
NPDES-EFF-102407	10/24/2007	<0.500	<0.500	<0.500	<3.00	<1.00	<0.0144	<50.0	<0.236	<0.472	ND	0.00625	NA	0.00126	NA	6.32	7.88	NA
NPDES-MID-103107	10/31/2007	NA	NA	NA	NA	NA	NA	NA	<0.236	<0.472	ND	NA	NA	NA	NA	NA	NA	NA
NPDES-EFF-103107	10/31/2007	<0.500	<0.500	<0.500	<3.00	<1.00	<0.0142	<50.0	<0.236	<0.472	ND	0.00269	NA	0.00113	NA	5.70	7.19	NA
NPDES-MID-110707	11/7/2007	NA	NA	NA	NA	NA	NA	NA	<0.245	<0.490	ND	NA	NA	NA	NA	NA	NA	NA
NPDES-EFF-110707	11/7/2007	<0.500	<0.500	<0.500	<3.00	<1.00	<0.0142	<50.0	<0.243	<0.485	ND	0.00286	NA	<0.00100	NA	8.99	7.28	NA
NPDES-MID-111407	11/14/2007	NA	NA	NA	NA	NA	NA	NA	<0.236	<0.472	ND	NA	NA	NA	NA	NA	NA	NA
NPDES-EFF-111407	11/14/2007	<0.500	<0.500	<0.500	<3.00	<1.00	<0.0144	<50.0	<0.236	<0.472	ND	0.00313	NA	0.00106	NA	35.5	7.51	NA
NPDES-MID-112007	11/20/2007	NA	NA	NA	NA	NA	NA	NA	<0.238	<0.476	ND	NA	NA	NA	NA	NA	NA	NA
NPDES-EFF-112007	11/20/2007	<0.500	<0.500	<0.500	<3.00	<1.00	<0.0144	<50.0	<0.238	<0.476	ND	0.00232	NA	<0.00100	NA	9.42	7.39	NA
NPDES-MID-112807	11/28/2007	NA	NA	NA	NA	NA	NA	NA	<0.245	<0.490	ND	NA	NA	NA	NA	NA	NA	NA
NPDES-EFF-112807	11/28/2007	<0.500	<0.500	<0.500	<3.00	NA	<0.0142	<50.0	<0.240	<0.481	ND	0.00196	0.00601 J	0.00102	0.0913	10.5	7.29	NA
NPDES-MID-120507	12/5/2007	NA	NA	NA	NA	NA	NA	NA	<0.240	<0.481	ND	NA	NA	NA	NA	NA	NA	NA
NPDES-EFF-120507	12/5/2007	<0.500	<0.500	<0.500	<3.00	NA	<0.0145	<50.0	<0.240	<0.481	ND	0.00217	NA	0.00115	NA	28.5	7.39	NA
NPDES-MID-121407	12/14/2007	NA	NA	NA	NA	NA	NA	NA	<0.248	<0.495	ND	NA	NA	NA	NA	NA	NA	NA
NPDES-EFF-121407	12/14/2007	<0.500	<0.500	<0.500	<3.00	NA	0.0147	<50.0	<0.243	<0.485	ND	0.00276	NA	0.00387	NA	29.1	7.53	NA
NPDES-MID-121907	12/19/2007	NA	NA	NA	NA	NA	NA	NA	<0.243	<0.485	ND	NA	NA	NA	NA	NA	NA	NA
NPDES-EFF-121907	12/19/2007	<0.500	<0.500	<0.500	<3.00	NA	<0.0144	<50.0	<0.240	<0.481	ND	0.00357	NA	0.00522	NA	125	7.75	NA
NPDES-MID-122107	12/21/2007	NA	NA	NA	NA	NA	NA	NA	<0.238	<0.476	ND	NA	NA	NA	NA	NA	NA	NA
NPDES-EFF-122107	12/21/2007	<0.500	<0.500	<0.500	<3.00	NA	<0.0144	<50.0	<0.238	<0.476	ND	0.00404	0.0118	0.00552	0.0697	22.9	7.11	103
NPDES-MID-010208	1/2/2008	NA	NA	NA	NA	NA	NA	NA	<0.248	<0.495	ND	NA	NA	NA	NA	NA	NA	NA
NPDES-EFF-010208	1/2/2008	<0.500	<0.500	<0.500	<3.00	NA	<0.0147	<50.0	<0.240	<0.481	ND	0.00122	NA	<0.00100	NA	14.5	7.36	NA
NPDES-MID-010908	1/9/2008	NA	NA	NA	NA	NA	NA	NA	<0.236	<0.472	ND	NA	NA	NA	NA	NA	NA	NA
NPDES-EFF-010908	1/9/2008	<0.500	<0.500	<0.500	<3.00	NA	<0.0142	<50.0	<0.236	<0.472	ND	0.00376	NA	<0.00100	NA	1.23	8.24	NA
NPDES-MID-011708	1/17/2008	NA	NA	NA	NA	NA	NA	NA	<0.245	<0.490	ND	NA	NA	NA	NA	NA	NA	NA
NPDES-EFF-011708	1/17/2008	<0.500	<0.500	<0.500	<3.00	NA	<0.0148	<50.0	<0.248	<0.495	ND	0.00157	NA	<0.00100	NA	35.8	7.72	NA
NPDES-MID-013008	1/30/2008	NA	NA	NA	NA	NA	NA	NA	<0.245	<0.490	ND	NA	NA	NA	NA	NA	NA	NA
NPDES-EFF-013008	1/30/2008	<0.500	<0.500	<0.500	<3.00	NA	<0.0147	<50.0	<0.243	<0.485	ND	0.00169	0.00167	<0.00100	0.407	1.94	7.48	170
NPDES-MID-020608	2/6/2008	NA	NA	NA	NA	NA	NA	NA	<0.238	<0.476	ND	NA	NA	NA	NA	NA	NA	NA
NPDES-EFF-020608	2/6/2008	<0.500	<0.500	<0.500	<3.00	NA	0.0161	<50.0	<0.243	<0.485	ND	0.00156	NA	<0.00100	NA	1.36	7.31	NA
NPDES-MID-021408	2/14/2008	NA	NA	NA	NA	NA	NA	NA	0.472 JY	<0.481	0.472 J	NA	NA	NA	NA	NA	NA	NA
NPDES-EFF-021408	2/14/2008	<0.500	<0.500	<0.500	<3.00	NA	<0.0145	<50.0	<0.243	<0.485	ND	0.00757	NA	<0.00100	NA	<1.00	7.88	NA
NPDES-MID-022008	2/20/2008	NA	NA	NA	NA	NA	NA	NA	<0.240	<0.481	ND	NA	NA	NA	NA	NA	NA	NA
NPDES-EFF-022008	2/20/2008	<0.500	<0.500	<0.500	<3.00	NA	<0.0147	<50.0	<0.243	<0.485	ND	0.00619	NA	<0.00100	NA	<1.00	7.71	NA

TABLE 7
NPDES Sample Analytical Results
 Unocal Edmonds Bulk Fuel Terminal Lower Yard
 Phase I Remedial Implementation As-built Report
 11720 Unoco Road
 Edmonds, Washington

Notes:

BTEX and MTBE analyzed by EPA Method 8260B.
 cPAHs analyzed by EPA Method 8270C-HVI.
 Gasoline analyzed by method NWTPH-G.
 Diesel and Heavy Oil (Lube) analyzed by method NWTPH-D Extended.
 Total metals analyzed by EPA Method 200.8.
 Turbidity EPA Method 180.1.
 pH analyzed by EPA Method 150.1.
 Hardness analyzed by method SM 2340B.
 cPAHs adjusted for toxicity according to WAC 173-340-708(8) and *Air Toxics Hot Spots Program Risk Assessment Guidelines, Part II Technical Support Document for*
 (--) = Indicates measurement not taken or analysis not conducted.

NPDES = National Pollutant Discharge Elimination System
 MID = Indicates compliance sample collected between the carbon filters of the water treatment system.
 EFF = Indicates compliance sample collected from the effluent stream of the water treatment system.
 BTEX = Benzene, toluene, ethylbenzene, and total xylenes
 MTBE = Methyl tert butyl ether
 EPA = Environmental Protection Agency
 µg/l = Micrograms per liter
 mg/l = Milligrams per liter
 cPAHs = Carcinogenic polyaromatic hydrocarbons
 CL = Cleanup level
 TPH = Total petroleum hydrocarbons
 NTU = Nephelometric turbidity units
 CaCO₃ = Calcium Carbonate
 HVI = High volume injection

Lab Qualifiers	Definition
J	Indicates an estimated value.
JY	Results in the diesel organics range are primarily due to overlap from a heavy oil range product.
ND	None detected.
Q11	Detected hydrocarbons in the diesel range do not have a distinct diesel pattern and may be due to heavily weathered diesel.
<	The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

TABLE 8
Confirmation Boring Analytical Results
Unocal Edmonds Bulk Fuel Terminal Lower Yard
Phase I Remedial Implementation As-built Report
11720 Unoco Road
Edmonds, Washington

Sample ID	Date Sampled	Sample Depth (feet bgs)	BTEX (mg/kg)				Total cPAHs Adjusted for Toxicity (mg/kg)	Gasoline (mg/kg)	Diesel (mg/kg)	Heavy Oil (Lube) (mg/kg)	Total TPH (mg/kg)
			B	T	E	X					
			REL = 18 mg/kg				CUL = 0.14 mg/kg				REL = 2,975
SB-1-11.5	04/03/08	11.5	0.0304 U	0.0507 U	0.0507 U	0.101 U	NA	5.07 U	11.4 U	28.6 U	22.5 UU
SB-2-11	04/03/08	11	0.0609 U	0.102 U	0.102 U	0.203 U	NA	10.2 U	15.6 U	38.9 U	32.4 UU
SB-3-10.5	04/03/08	10.5	0.0335 U	0.0559 U	0.0559 U	0.112 U	NA	5.59 U	12.0 U	30.0 U	23.8 UU
SB-3-12	04/03/08	12	0.0372 U	0.0620 U	0.0620 U	0.124 U	NA	6.20 U	11.9 U	29.7 U	23.9 UU
SB-4-10.5	04/04/08	10.5	0.0307 U	0.0511 U	0.0511 U	0.102 U	NA	5.11 U	11.3 U	28.1 U	22.3 UU
SB-5-11.5	04/04/08	11.5	0.0394	0.0513 U	0.0513 U	0.103 U	NA	5.13 U	10.9 U	27.4 U	21.7 UU
SB-6-11.0	04/04/08	11	0.0356 U	0.0594 U	0.0594 U	0.119 U	NA	5.94 U	11.8 U	29.5 U	23.6 UU
SB-7-11.5	04/04/08	11.5	0.0334 U	0.0556 U	0.0556 U	0.111 U	NA	5.56 U	11.5 U	28.8 U	22.9 UU
SB-8-11.0	04/04/08	11	0.0501	0.0505 U	0.0505 U	0.101 U	NA	5.05 U	11.4 U	28.5 U	22.5 UU
SB-9-11.0	04/04/08	11	0.0401	0.0543 U	0.0543 U	0.109 U	NA	5.43 U	11.5 U	28.7 U	22.8 UU
SB-10-11.0	04/04/08	11	0.0341 U [0.0350 U]	0.0569 U [0.0584 U]	0.0569 U [0.0584 U]	0.114 U [0.117 U]	NA [NA]	5.69 U [5.84 U]	11.8 U [11.6 U]	29.6 U [28.9 U]	23.5 UU [23.2 UU]
SB-11-11.0	04/04/08	11	0.0556 U	0.0927 U	0.0927 U	0.185 U	NA	9.27 U	14.2 U	35.5 U	29.5 UU
SB-12-11.5	04/04/08	11.5	0.0348 U	0.0580 U	0.0580 U	0.116 U	NA	5.80 U	12.1 U	30.2 U	24.1 UU
SB-13-11	04/11/08	11	0.0465 U	0.0776 U	0.0776 U	0.155 U	NA	7.76 U	13.1 U	32.8 U	26.8 UU
SB-14-11	04/11/08	11	0.0385 U	0.0642 U	0.0642 U	0.128 U	NA	6.42 U	12.4 U	31.1 U	25.0 UU
SB-15-10.5	04/14/08	10.5	0.0354 U [0.0366 U]	0.0590 U [0.0611 U]	0.0590 U [0.0611 U]	0.118 U [0.122 U]	NA [NA]	5.90 U [6.11 U]	11.9 U [11.9 U]	29.7 U [29.7 U]	23.8 UU [23.9 UU]
SB-16-9.5	04/14/08	9.5	0.0312 U	0.0519 U	0.0519 U	0.104 U	NA	5.19 U	11.1 U	27.6 U	21.9 UU
SB-17-11.5	04/14/08	11.5	0.0321 U	0.0535 U	0.0535 U	0.107 U	NA	5.35 U	11.8 U	29.4 U	23.3 UU
SB-18-11	04/11/08	11	0.711	5.53	4.20	3.24	0.00842	1,070 JZ	299	45.0	1,410 J
SB-19-12	04/11/08	12	0.0292 U	0.0486 U	0.0486 U	0.0972 U	NA	4.86 U	11.5 U	28.6 U	22.5 UU
SB-20-9.5	04/14/08	9.5	0.0323 U	0.0538 U	0.0538 U	0.108 U	NA	5.38 U	11.8 U	29.5 U	23.3 UU
SB-21-10.5	04/14/08	10.5	0.0348 U	0.0581 U	0.0581 U	0.116 U	NA	5.81 U	12.3 U	30.6 U	24.4 UU
SB-22-10	04/11/08	10	0.0371 U [0.0371 U]	0.0618 U [0.0619 U]	0.0618 U [0.0619 U]	0.124 U [0.124 U]	NA [NA]	6.18 U [6.19 U]	12.8 U [12.3 U]	32.1 U [30.6 U]	25.5 UU [24.5 UU]
SB-23-11	04/11/08	11	0.0357 U	0.0595 U	0.0595 U	0.119 U	NA	5.95 U	12.2 U	30.5 U	24.3 UU
SB-24-10	04/11/08	10	0.0398 U	0.0663 U	0.0663 U	0.133 U	NA	6.63 U	12.9 U	32.3 U	25.9 UU
SB-25-11	04/11/08	11	0.0359 U	0.0598 U	0.0598 U	0.120 U	NA	5.98 U	12.0 U	30.0 U	24.0 UU
SB-26-10.5	04/14/08	10.5	0.0339 U	0.0565 U	0.0565 U	0.113 U	NA	5.65 U	11.6 U	29.1 U	23.2 UU
SB-27-10	04/14/08	10	0.200	0.0537 U	0.0537 U	0.107 U	0.00896	13.8 JZ	279	29.2 U	307 J
SB-28-9	04/11/08	9	0.0313 U	0.0522 U	0.0522 U	0.104 U	0.00838 UU	6.59	11.9	27.7 U	32.3
SB-29-9	04/08/08	9	0.0708	0.0566 U	0.0566 U	0.113 U	NA	10.7	11.4 U	28.4 U	30.6
SB-30-9.5	04/10/08	9.5	0.0343 U	0.0572 U	0.0572 U	0.114 U	NA	5.72 U	11.6 U	29.1 U	23.2 UU
SB-31-9.5	04/10/08	9.5	0.0420 U	0.0699 U	0.0699 U	0.140 U	NA	6.99 U	12.9 U	32.4 U	26.1 UU
SB-32-9.5	04/10/08	9.5	0.0541 U [0.0538 U]	0.0902 U [0.0897 U]	0.0902 U [0.0897 U]	0.180 U [0.179 U]	NA [NA]	9.02 U [8.97 U]	14.4 U [14.4 U]	36.0 U [36.0 U]	29.7 UU [29.7 UU]
SB-33-11	04/10/08	11	0.0471 U	0.0786 U	0.0786 U	0.157 U	NA	7.86 U	13.2 U	32.9 U	27.0 UU
SB-34-11	04/10/08	11	0.0344 U	0.0574 U	0.0574 U	0.115 U	NA	5.74 U	11.8 U	29.5 U	23.5 UU
SB-35-9	04/10/08	9	0.0442 U	0.0736 U	0.0736 U	0.147 U	NA	7.36 U	12.7 U	31.7 U	25.9 UU
SB-36-12	04/10/08	12	0.0252 U	0.0420 U	0.0420 U	0.0839 U	NA	4.20 U	10.9 U	27.2 U	21.2 UU

TABLE 8
Confirmation Boring Analytical Results
Unocal Edmonds Bulk Fuel Terminal Lower Yard
Phase I Remedial Implementation As-built Report
11720 Unoco Road
Edmonds, Washington

Sample ID	Date Sampled	Sample Depth (feet bgs)	BTEX (mg/kg)				Total cPAHs Adjusted for Toxicity (mg/kg)	Gasoline (mg/kg)	Diesel (mg/kg)	Heavy Oil (Lube) (mg/kg)	Total TPH (mg/kg)
			B	T	E	X					
			REL = 18 mg/kg				CUL = 0.14 mg/kg				REL = 2,975
SB-37-9	04/08/08	9	0.224 [0.225]	0.0566 U [0.0647 U]	0.0566 U [0.0647 U]	0.113 U [0.129 U]	NA [NA]	5.66 U [6.47 U]	12.0 U [12.8 U]	29.9 U [31.9 U]	23.8 UU [25.6 UU]
SB-38-8.5	04/08/08	8.5	0.0749	0.0634 U	0.0634 U	0.127 U	NA	6.34 U	12.0 U	29.9 U	24.1 UU
SB-38-10	04/08/08	10	0.108	0.0585 U	0.0585 U	0.117 U	0.00929 UU	5.85 U	12.3 U	30.8 U	24.5 UU
SB-39-14	04/10/08	14	0.0285 U	0.0475 U	0.0475 U	0.0951 U	NA	4.75 U	11.3 U	28.4 U	22.2 UU
SB-40-11	04/10/08	11	0.0365 U	0.0609 U	0.0609 U	0.122 U	NA	6.09 U	12.1 U	30.1 U	24.1 UU
SB-41-10	04/10/08	10	0.0346 U	0.0576 U	0.0576 U	0.115 U	NA	5.76 U	11.8 U	29.6 U	23.6 UU
SB-42-10	04/09/08	10	0.0464 U [0.0821]	0.0774 U [0.0822 U]	0.166 [0.152]	0.327 [0.231]	NA [NA]	7.74 U [8.22 U]	14.1 U [14.8 U]	35.2 U [37.1 U]	28.5 UU [30.1 UU]
SB-43-11.5	04/09/08	11.5	0.0420 U	0.0699 U	0.0699 U	0.140 U	NA	6.99 U	13.3 U	33.3 U	26.8 UU
SB-44-11	04/09/08	11	0.205	0.0548 U	0.0548 U	0.110 U	NA	5.48 U	11.8 U	29.4 U	23.3 UU
SB-45-10	04/08/08	10	0.206	0.0591 U	0.0591 U	0.118 U	NA	5.91 U	11.4 U	28.4 U	22.9 UU
SB-46-6	04/08/08	6	0.0323 U	0.0538 U	0.0538 U	0.108 U	NA	5.38 U	11.5 U	28.8 U	22.8 UU
SB-46-10.5	04/08/08	10.5	0.0311 U	0.0518 U	0.0518 U	0.104 U	NA	5.18 U	11.4 U	28.5 U	22.5 UU
SB-47-10	04/09/08	10	0.0437 U	0.0729 U	0.0729 U	0.146 U	NA	7.29 U	12.9 U	32.2 U	26.2 UU
SB-48-11.5	04/09/08	11.5	0.0459 U	0.0765 U	0.0765 U	0.153 U	NA	7.65 U	13.6 U	34.1 U	27.7 UU
SB-49-10.5	04/09/08	10.5	0.0333 U	0.0555 U	0.0555 U	0.111 U	NA	5.55 U	11.8 U	29.4 U	23.4 UU
SB-50-10.5	04/09/08	10.5	0.0350 U	0.0583 U	0.0583 U	0.117 U	NA	5.83 U	12.1 U	30.2 U	24.1 UU
SB-51-9.5	04/08/08	9.5	0.0350 U	0.0583 U	0.0583 U	0.117 U	NA	5.83 U	12.1 U	30.3 U	24.1 UU
SB-52-9.5	04/08/08	9.5	0.0317 U	0.0528 U	0.0528 U	0.106 U	NA	5.28 U	11.4 U	28.5 U	22.6 UU
SB-53-10.5	04/09/08	10.5	0.0309 U	0.0515 U	0.0515 U	0.103 U	NA	14.8	10.8 U	27.1 U	33.8
SB-54-10.5	04/09/08	10.5	0.0373 U	0.0622 U	0.0622 U	0.124 U	NA	6.22 U	12.1 U	30.3 U	24.3 UU
SB-55-11.5	04/07/08	11.5	0.0606 U	0.101 U	0.101 U	0.202 U	NA	10.1 U	15.7 U	39.2 U	32.5 UU
SB-56-14.5	04/08/08	14.5	0.0337 U	0.0561 U	0.0561 U	0.112 U	NA	5.61 U	11.7 U	29.3 U	23.3 UU
SB-57-10.5	04/07/08	10.5	0.0307 U	0.0511 U	0.0511 U	0.102 U	NA	5.11 U	11.3 U	28.2 U	22.3 UU
SB-58-11.0	04/07/08	11	0.0359 U	0.0598 U	0.0598 U	0.120 U	NA	5.98 U	11.6 U	29.1 U	23.3 UU
SB-59-5.5	04/08/08	5.5	0.0311 U	0.0518 U	0.0518 U	0.104 U	NA	5.18 U	11.4 U	28.5 U	22.5 UU
SB-60-10.5	04/07/08	10.5	0.0825 [0.0864]	0.0741 U [0.0637 U]	0.0741 U [0.0637 U]	0.148 U [0.127 U]	NA [NA]	7.41 U [6.37 U]	12.3 U [21.7]	30.8 U [29.0 U]	25.3 UU [39.4]
SB-61-10.5	04/07/08	10.5	0.0511 U	0.0852 U	0.0852 U	0.170 U	NA	8.52 U	15.1 U	37.8 U	30.7 UU
SB-62-10.5	04/07/08	10.5	0.0607 U	0.101 U	0.101 U	0.202 U	NA	10.1 U	15.8 U	39.5 U	32.7 UU
SB-63-5.5	04/07/08	5.5	0.327 U	0.577	1.11	6.56	0.107	2,190 JZ	2,970 J	193 J	5,350 J
SB-63-6.0	04/07/08	6	0.157 J	0.194 J	2.16 J	8.43 J	NA	978 JZ	20.2 U	50.4 U	1,010 J
SB-64-2.5	04/07/08	2.5	0.656	2.75	1.72	7.15	0.108	1,540 JZ	5,810 J	362 J	7,710 J
SB-64-5.5	04/07/08	5.5	0.139 J	2.42 J	0.782 J	3.20 J	0.0452 UU	534 JZ	444	32.2	1,010 J
SB-64-7.0	04/07/08	7	0.325	0.157 U	0.157 U	0.730	NA	63.1	19.9 U	49.7 U	97.9

TABLE 8
Confirmation Boring Analytical Results
 Unocal Edmonds Bulk Fuel Terminal Lower Yard
 Phase I Remedial Implementation As-built Report
 11720 Unoco Road
 Edmonds, Washington

Notes:

BTEX analyzed by EPA Method 8021B.

cPAHs analyzed by EPA Method 8270 SIM.

Gasoline analyzed by method NWTPH-G.

Diesel and Heavy Oil (Lube) analyzed by method NWTPH-D Extended.

Total TPH calculated by summing the concentrations of gasoline, diesel and heavy oil. If one or more TPH constituents were reported as Non-Detect, half of the reporting limit value was added to the total.

cPAHs adjusted for toxicity according to WAC 173-340-708(8) and *Air Toxics Hot Spots Program Risk Assessment Guidelines, Part II Technical Support Document for Describing Available Cancer Potency Factors*.

Highlighted cells indicate concentration exceeds REL or CUL.

[] = Bracketed data indicate duplicate sample.

feet bgs = Feet below ground surface

BTEX = Benzene, toluene, ethylbenzene, and total xylenes

mg/kg = Milligrams per kilogram

cPAHs = Carcinogenic polyaromatic hydrocarbons

TPH = Total petroleum hydrocarbons

REL = Remediation level

CUL = Cleanup level

NA = Not analyzed

EPA = Environmental Protection Agency

Lab Qualifiers	Definition
J	Indicates an estimated value.
JZ	Detected hydrocarbons in the gasoline range appear to be due to overlap of diesel range hydrocarbons.
U	The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
UJ	The compound was analyzed for but not detected. The associated value is the estimated compound quantitation limit.
UU	The constituents making up the total are all non-detects.