



Kim Jolitz
Project Manager

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October 11, 2017

Mr. Ron Timm
Department of Ecology
Northwest Regional Office
3190 160th Avenue SE
Bellevue, Washington, 98008-5452

Re: Agreed Order No. DE 4460 Unocal Edmonds Terminal
Monthly Progress Report – September 2017

Dear Mr. Timm:

During the month of September 2017, the following project activities were completed:

- Continued discussions with Washington State Department of Ecology (Ecology) and the Attorney General's office on initiating a consent decree and Clean-up Action Plan (CAP) for the Site.
- Continued remedial action field work according to the Final Interim Action Work Plan (IAWP). In September, construction activities consisted of field preparation during the first week to improve infrastructure (mostly road, working areas and containment areas construction) and lower water levels in Detention Basin 1 (DB-1). Excavation of the Detention Basin 2 (DB-2) area began in the second week, and continued through the end of the month. The DB-2 area excavation was backfilled as performance soil samples were collected and confirmed that analytes in site soils were in compliance with established CULs.
- Received analytical results from the groundwater monitoring event conducted in July 2017 according to the Baseline Monitoring Work Plan (BMWP) approved by Ecology on June 19th. In accordance with the BMWP, 52 monitoring wells were gauged. Monitoring well MW-109 was not accessible due to construction activities and couldn't be gauged. Additionally, 36 monitoring wells were sampled and analyzed for total petroleum hydrocarbons (TPH) including gasoline, diesel and heavy oil range organics, benzene, carcinogenic polycyclic aromatic hydrocarbons and monitored natural attenuation parameters. Monitoring well MW-503 was damaged and could not be sampled. Thirty-one of the thirty-six points of compliance (POC) monitoring wells contained concentrations of total petroleum hydrocarbons (TPH) less than their respective cleanup levels. Four monitoring wells, MW-522, MW-525, MW-526 and MW-E contained TPH concentrations (805 micrograms per liter (µg/L), 4,885 µg/L, 1,770 µg/L, and 1,810 µg/L respectively) in excess of sample-specific cleanup levels. Additionally, while TPH was not detected in the sample collected from monitoring well LM-2, the detection limits are above the sample specific cleanup level due to a laboratory sample dilution factor of 50. Draft tables and figures documenting these sampling results are attached.

Activities to be completed in October 2017 include the following:

- Continue discussions with Ecology and the Attorney General's office on initiating a consent decree and CAP for the Site.
- Continue discussion with WSDOT about transfer of the Site.
- Continue remedial action field work according to the Final IAWP. Complete excavation of the DB-2 area. Install dual-phase extraction (DPE) wells near the WSDOT stormwater line and connect them to the treatment system.
- Begin preparation of the as-built report for the DB-2 area excavation activities.

Mr. Ron Timm
Northwest Regional Office
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Page 2

- Receive Ecology's comments on the Draft CAP submitted on July 31, 2017.

If you have any questions, please call me at (925) 842-4707.

Sincerely,



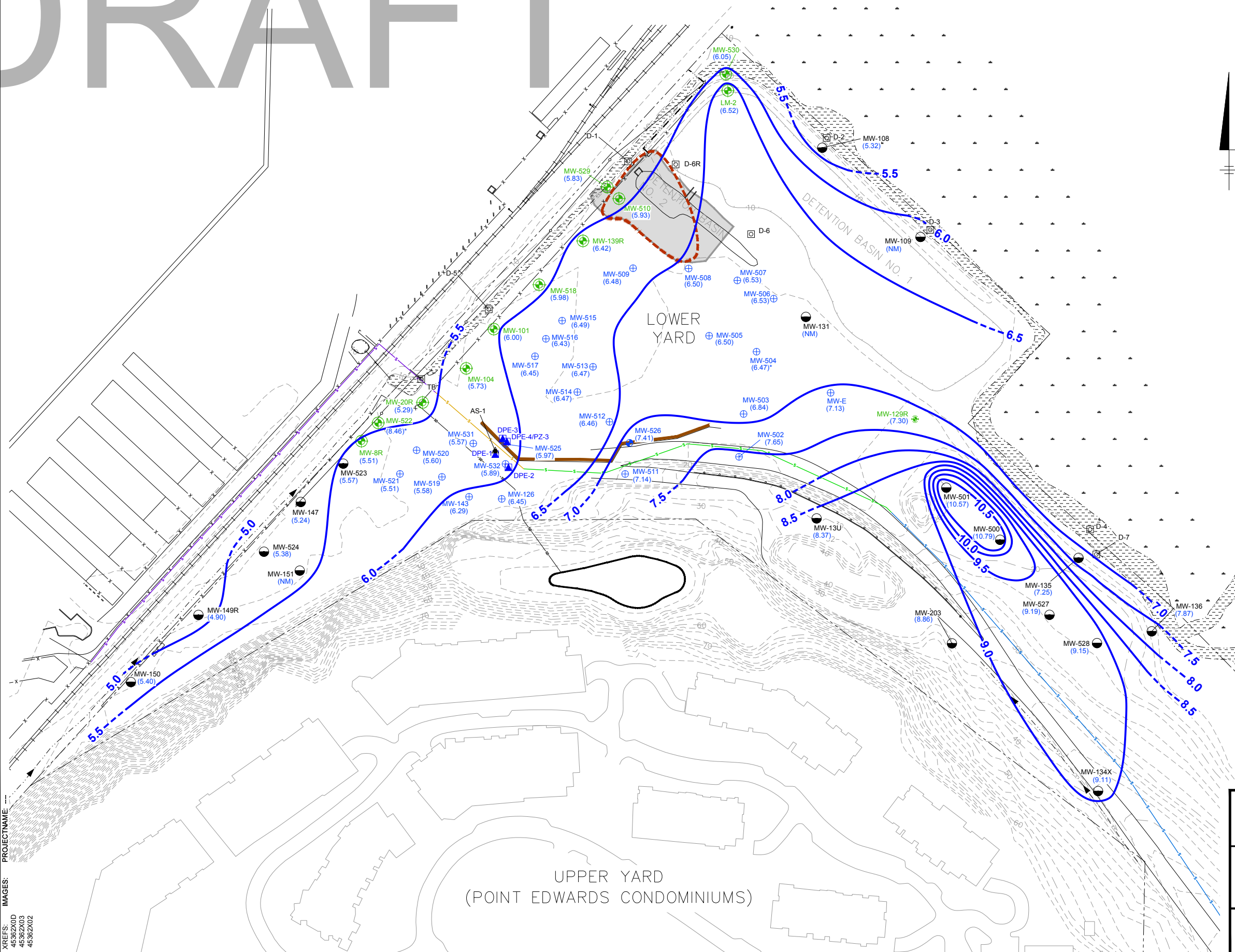
Kim Jolitz
Project Manager

cc: Kjris Lund, Lund Consulting
Scott Zorn, Arcadis

Kevin M. Bartoy, WSDOT
Chip Halbert, Landau

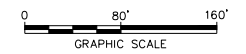
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- LEGEND:**
- ESTIMATED RECOVERABLE LNAPL BOUNDARY
 - MW-515 INTERIOR MONITORING WELL LOCATION AND DESIGNATION
 - MW-518 PERIMETER MONITORING WELL LOCATION
 - MW-13 MONITORING WELL
 - D-1 STAFF GAUGE
 - AS-1 AIR SPARGE WELL LOCATION
 - DPE-1 DUAL PHASE EXTRACTION (DPE) WELL LOCATION
 - PROPERTY BOUNDARY
 - WSDOT STORMWATER LINE
 - POINT EDWARDS STORM DRAIN LINE
 - EXCAVATION BOUNDARY
 - 7.5 GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
 - (12.29) GROUNDWATER ELEVATION
 - (8.10)* GROUNDWATER ELEVATION NOT USED IN CONTOURING
 - (NM) NOT MEASURED

- NOTES:**
1. 20-MIL POLYETHYLENE SHEETING INSTALLED UPON COMPLETION OF PHASE I EXCAVATION. SHEETING REACHES TO APPROXIMATELY 7.5 FEET ABOVE MEAN SEA LEVEL.
 2. HORIZONTAL DATUM: WASHINGTON STATE COORDINATE SYSTEM NORTH ZONE (NAD 83/98). VERTICAL DATUM: N.A.V.D. 88 UNITS: U.S. SURVEY FEET HORIZONTAL AND VERTICAL CONTROL ESTABLISHED BY GPS VIA VERTICAL REFERENCE STATION NETWORK (VRSN).
 3. SOUTHEAST PORTION OF WSDOT STORMWATER LINE HAS NOT BEEN SURVEYED.



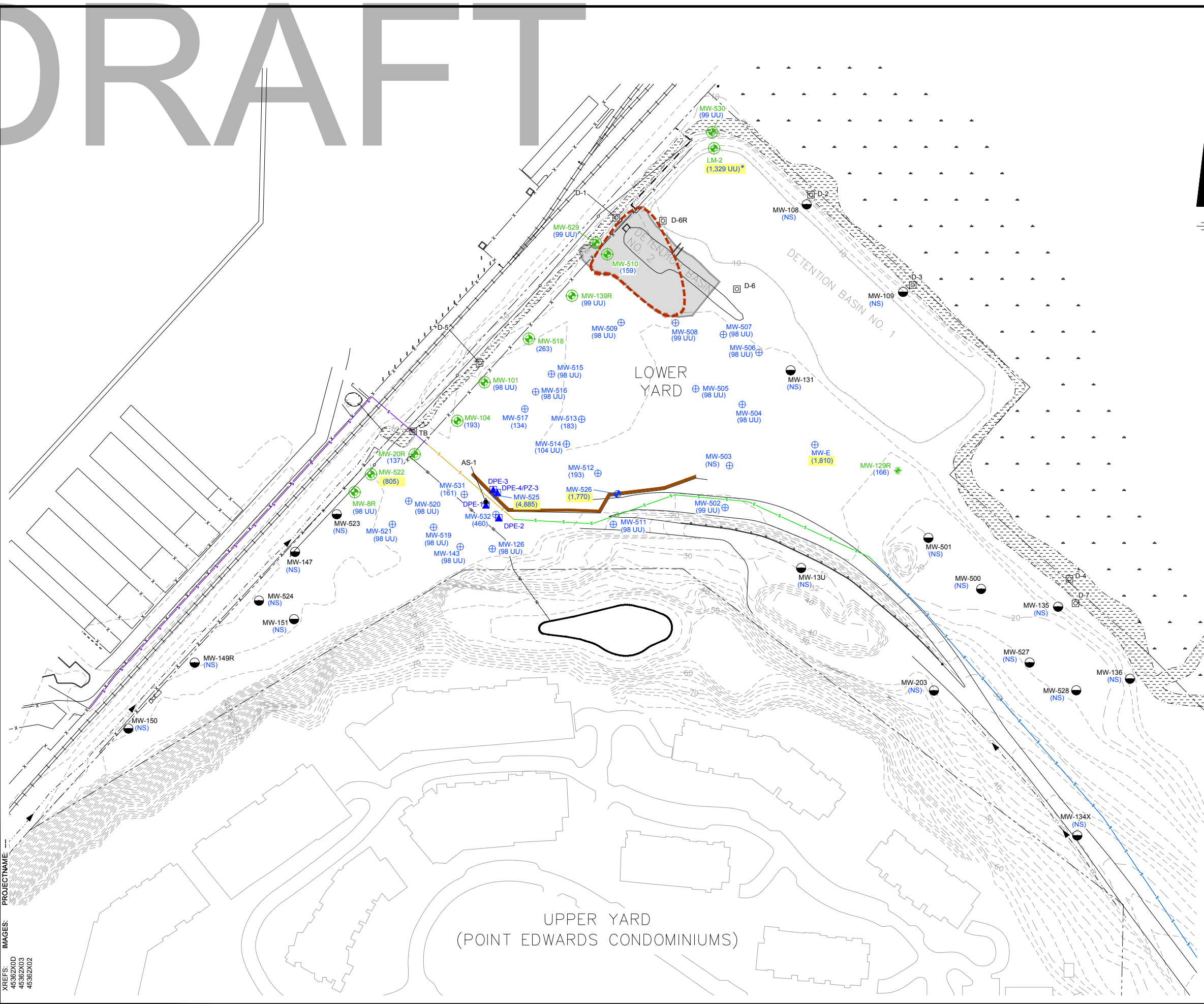
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
 FORMER UNOCAL BULK FUEL TERMINAL
 EDMONDS, WASHINGTON

**BASELINE EVENT GROUNDWATER
 ELEVATIONS AND CONTOURS
 JULY 24, 2017**

FIGURE
1

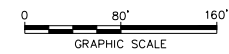
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- LEGEND:**
- ESTIMATED RECOVERABLE LNAPL BOUNDARY
 - MW-515 ⊕ INTERIOR MONITORING WELL LOCATION AND DESIGNATION
 - MW-518 ⊕ PERIMETER MONITORING WELL LOCATION
 - MW-13 ● MONITORING WELL
 - D-1 □ STAFF GAUGE
 - AS-1 ▲ AIR SPARGE WELL LOCATION
 - DPE-1 ▲ DUAL PHASE EXTRACTION (DPE) WELL LOCATION
 - PROPERTY BOUNDARY
 - WSDOT STORMWATER LINE
 - POINT EDWARDS STORM DRAIN LINE
 - ▭ EXCAVATION BOUNDARY
- (159)** TOTAL PETROLEUM HYDROCARBON (TPH) CONCENTRATION IN MICROGRAMS PER LITER
- HIGHLIGHTED CONCENTRATIONS EXCEED SAMPLE SPECIFIC TPH CLEANUP LEVEL
- NS** NOT SAMPLED
- UU** THE CONSTITUENTS MAKING UP THE TOTAL ARE ALL NON-DETECTS
- *** TPH WAS NOT DETECTED IN THIS SAMPLE HOWEVER THE DETECTION LIMITS ARE ABOVE CLEANUP LEVEL DUE TO A LABORATORY SAMPLE DILUTION FACTOR OF 50

- NOTES:**
1. 20-MIL POLYETHYLENE SHEETING INSTALLED UPON COMPLETION OF PHASE I EXCAVATION. SHEETING REACHES TO APPROXIMATELY 7.5 FEET ABOVE MEAN SEA LEVEL.
 2. HORIZONTAL DATUM: WASHINGTON STATE COORDINATE SYSTEM NORTH ZONE (NAD 83/98). VERTICAL DATUM: N.A.V.D. 88 UNITS: U.S. SURVEY FEET HORIZONTAL AND VERTICAL CONTROL ESTABLISHED BY GPS VIA VERTICAL REFERENCE STATION NETWORK (VRSN).
 3. SOUTHEAST PORTION OF WSDOT STORMWATER LINE HAS NOT BEEN SURVEYED.



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 EDMONDS, WASHINGTON

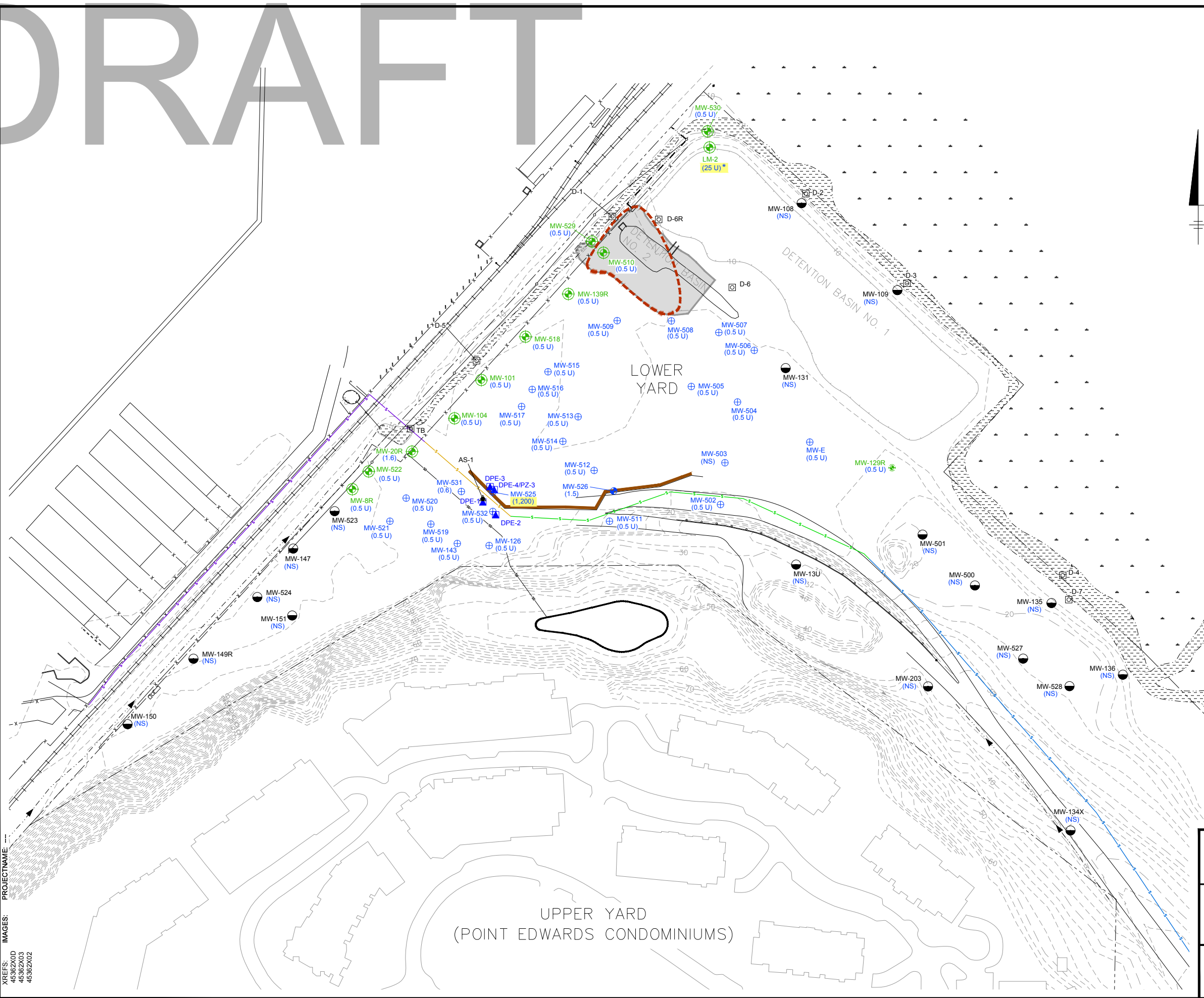
BASELINE EVENT GROUNDWATER
 TPH CONCENTRATION
 JULY 2017

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FIGURE
2

DRAFT

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LEGEND:

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- PROPERTY BOUNDARY
- - - WSDOT STORMWATER LINE
- - - POINT EDWARDS STORM DRAIN LINE
- ▭ EXCAVATION BOUNDARY

(1.5) BENZENE CONCENTRATION IN MICROGRAMS PER LITER (µg/L)

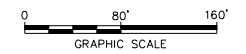
■ HIGHLIGHTED CONCENTRATIONS EXCEED BENZENE CLEANUP LEVEL (16 µg/L)

NS NOT SAMPLED

U NON-DETECT

• BENZENE WAS NOT DETECTED IN THIS SAMPLE HOWEVER THE DETECTION LIMIT IS ABOVE CLEANUP LEVEL DUE TO A LABORATORY SAMPLE DILUTION FACTOR OF 50

- NOTES:**
1. 20-MIL POLYETHYLENE SHEETING INSTALLED UPON COMPLETION OF PHASE I EXCAVATION. SHEETING REACHES TO APPROXIMATELY 7.5 FEET ABOVE MEAN SEA LEVEL.
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VERTICAL DATUM: N.A.V.D. 88
UNITS: U.S. SURVEY FEET
HORIZONTAL AND VERTICAL CONTROL ESTABLISHED BY GPS VIA VERTICAL REFERENCE STATION NETWORK (VRSN).
 3. SOUTHEAST PORTION OF WSDOT STORMWATER LINE HAS NOT BEEN SURVEYED.



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EDMONDS, WASHINGTON

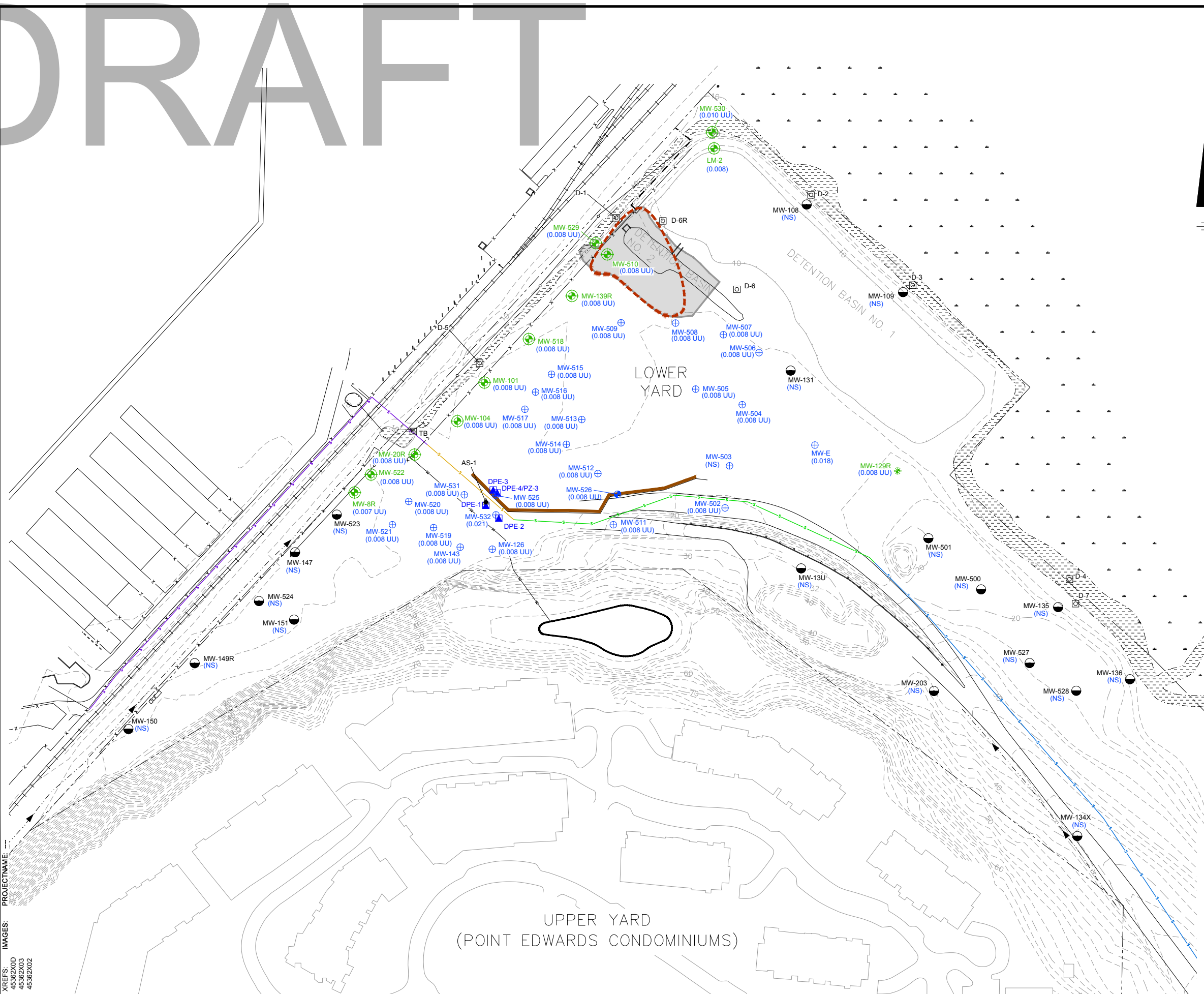
**BASELINE EVENT GROUNDWATER
BENZENE CONCENTRATION
JULY 2017**

ARCADIS Design & Consultancy
for natural and
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FIGURE
3

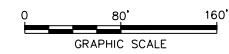
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 - AS-1 ▲ AIR SPARGE WELL LOCATION
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 - - - PROPERTY BOUNDARY
 - - - WSDOT STORMWATER LINE
 - - - POINT EDWARDS STORM DRAIN LINE
 - EXCAVATION BOUNDARY
 - (0.018) CARCINOGENIC POLYNUCLEAR AROMATIC HYDROCARBONS (cPAHs) CONCENTRATION IN MICROGRAMS PER LITER (µg/L)
 - HIGHLIGHTED CONCENTRATIONS EXCEED cPAHs CLEANUP LEVEL (0.05 µg/L)
 - NS NOT SAMPLED
 - UU THE CONSTITUENTS MAKING UP THE TOTAL ARE ALL NON-DETECTS

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 FORMER UNOCAL BULK FUEL TERMINAL
 EDMONDS, WASHINGTON

BASELINE EVENT GROUNDWATER
 cPAHs CONCENTRATION
 JULY 2017

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FIGURE 4

Table 1
Groundwater Elevation Data
Former Unocal Terminal
11720 Unoco Road
Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
LM-2	10/20/08	16:08	8.14	2.66	--	NP	5.48	--
LM-2	12/08/08	10:51	8.14	2.89	--	NP	5.25	--
LM-2	02/20/09	9:55	8.14	2.64	--	NP	5.50	--
LM-2	04/20/09	9:48	8.14	2.46	--	NP	5.68	--
LM-2	06/22/09	11:35	8.14	2.84	--	NP	5.30	--
LM-2	08/03/09	11:18	8.14	3.10	--	NP	5.04	--
LM-2	08/17/09	9:27	8.14	3.09	--	NP	5.05	--
LM-2	10/29/09	9:46	8.14	2.56	--	NP	5.58	--
LM-2	01/18/10	13:47	8.14	2.59	--	NP	5.55	--
LM-2	04/19/10	15:14	8.14	2.20	--	NP	5.94	--
LM-2	07/19/10	7:24	8.14	2.41	--	NP	5.73	--
LM-2	10/25/10	14:02	8.14	1.63	--	NP	6.51	--
LM-2	03/21/11	12:32	8.14	1.60	--	NP	6.54	--
LM-2	06/14/11	10:54	8.14	2.54	--	NP	5.60	--
LM-2	09/26/11	10:59	8.14	2.79	--	NP	5.35	--
LM-2	12/12/11	12:42	8.14	2.46	--	NP	5.68	--
LM-2	03/27/12	14:09	8.14	1.71	--	NP	6.43	--
LM-2	06/27/12	17:14	8.14	1.98	--	NP	6.16	--
LM-2	09/25/12	7:40	8.14	2.51	--	NP	5.63	--
LM-2	12/13/12	10:15	8.14	1.68	--	NP	6.46	--
LM-2	03/25/13	10:20	8.14	1.17	--	NP	6.97	--
LM-2	06/24/13	12:45	8.14	1.66	--	NP	6.48	--
LM-2	09/23/13	13:55	8.14	2.36	--	NP	5.78	--
LM-2	12/16/13	11:33	8.14	1.86	--	NP	6.28	--
LM-2	03/26/14	8:15	8.14	1.94	--	NP	6.20	--
LM-2	06/16/14	13:11	8.14	2.04	--	NP	6.10	--
LM-2	09/29/14	14:58	8.14	2.29	--	NP	5.85	--
LM-2	12/08/14	12:15	8.14	1.90	--	NP	6.24	--
LM-2	03/23/15	14:51	8.14	2.13	--	NP	6.01	--
LM-2	06/22/15	15:48	8.14	2.50	--	NP	5.64	--
LM-2	10/27/16	9:26	8.14	1.62	--	NP	6.52	--
LM-2	07/24/17	11:40	8.14	1.62	--	NP	6.52	--
MW-E	10/20/08	16:20	14.42	7.95	--	NP	6.47	--
MW-E	12/08/08	11:35	14.42	7.78	--	NP	6.64	--
MW-E	02/20/09	10:27	14.42	7.58	--	NP	6.84	--
MW-E	04/20/09	10:11	14.42	7.48	--	NP	6.94	--
MW-E	06/22/09	12:14	14.42	7.94	--	NP	6.48	--
MW-E	08/03/09	11:32	14.42	8.10	--	NP	6.32	--
MW-E	08/17/09	9:39	14.42	8.19	--	NP	6.23	--
MW-E	10/29/09	8:53	14.42	7.02	--	NP	7.40	--
MW-E	01/18/10	13:45	14.42	6.89	--	NP	7.53	--
MW-E	04/19/10	15:39	14.42	7.10	--	NP	7.32	--
MW-E	07/19/10	7:41	14.42	7.65	--	NP	6.77	--
MW-E	10/25/10	14:14	14.42	7.30	--	NP	7.12	--
MW-E	03/21/11	12:44	14.42	6.58	--	NP	7.84	--
MW-E	06/14/11	11:15	14.42	7.57	--	NP	6.85	--
MW-E	09/26/11	11:06	14.42	7.93	--	NP	6.49	--
MW-E	12/12/11	12:41	14.42	7.45	--	NP	6.97	--
MW-E	03/27/12	14:24	14.42	6.71	--	NP	7.71	--
MW-E	06/27/12	17:26	14.42	7.19	--	NP	7.23	--
MW-E	09/25/12	8:03	14.42	7.82	--	NP	6.60	--
MW-E	12/13/12	10:15	14.42	6.68	--	NP	7.74	--
MW-E	03/25/13	10:37	14.42	6.82	--	NP	7.60	--
MW-E	06/24/13	12:06	14.42	7.29	--	NP	7.13	--
MW-E	09/23/13	14:05	14.42	7.58	--	NP	6.84	--
MW-E	12/16/13	10:43	14.42	7.46	--	NP	6.96	--
MW-E	03/26/14	8:26	14.42	6.99	--	NP	7.43	--
MW-E	06/16/14	13:54	14.42	7.42	--	NP	7.00	--
MW-E	09/29/14	15:55	14.42	7.46	--	NP	6.96	--
MW-E	12/08/14	12:45	14.42	6.84	--	NP	7.58	--
MW-E	03/23/15	13:59	14.42	7.09	--	NP	7.33	--
MW-E	06/22/15	15:17	14.42	7.66	--	NP	6.76	--
MW-E	10/27/16	9:58	14.42	6.67	--	<0.01	7.75	Film observed during gauging, confirmed with bailer
MW-E	07/24/17	12:45	14.42	7.29	--	NP	7.13	--
MW-8R	10/20/08	15:47	13.82	8.49	--	NP	5.33	--
MW-8R	12/08/08	10:17	13.82	8.35	--	NP	5.47	--
MW-8R	02/20/09	9:22	13.82	8.11	--	NP	5.71	--
MW-8R	04/20/09	9:09	13.82	8.40	--	NP	5.42	--
MW-8R	06/22/09	11:13	13.82	7.06	--	NP	6.76	--
MW-8R	08/03/09	10:53	13.82	8.21	--	NP	5.61	--
MW-8R	08/17/09	8:53	13.82	8.45	--	NP	5.37	--
MW-8R	10/29/09	8:43	13.82	7.99	--	NP	5.83	--
MW-8R	01/18/10	13:21	13.82	6.02	--	NP	7.80	--

Table 1
Groundwater Elevation Data
Former Unocal Terminal
11720 Unoco Road
Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
MW-8R	04/19/10	14:29	13.82	7.64	--	NP	6.18	--
MW-8R	07/19/10	6:58	13.82	8.37	--	NP	5.45	--
MW-8R	10/25/10	13:31	13.82	7.83	--	NP	5.99	--
MW-8R	03/21/11	12:16	13.82	6.92	--	NP	6.90	--
MW-8R	06/14/11	9:58	13.82	8.13	--	NP	5.69	--
MW-8R	09/26/11	10:48	13.82	8.35	--	NP	5.47	--
MW-8R	12/12/11	11:39	13.82	8.39	--	NP	5.43	--
MW-8R	03/27/12	13:47	13.82	7.39	--	NP	6.43	--
MW-8R	06/27/12	16:37	13.82	8.04	--	NP	5.78	--
MW-8R	09/25/12	7:30	13.82	8.46	--	NP	5.36	--
MW-8R	12/13/12	9:49	13.82	7.24	--	NP	6.58	--
MW-8R	03/25/13	9:56	13.82	8.25	--	NP	5.57	--
MW-8R	06/24/13	11:19	13.82	8.13	--	NP	5.69	--
MW-8R	09/23/13	13:28	13.82	8.02	--	NP	5.80	--
MW-8R	12/16/13	9:35	13.82	8.58	--	NP	5.24	--
MW-8R	03/26/14	7:45	13.82	7.83	--	NP	5.99	--
MW-8R	06/16/14	13:16	13.82	8.16	--	NP	5.66	--
MW-8R	09/29/14	13:26	13.82	7.62	--	NP	6.20	--
MW-8R	12/08/14	12:00	13.82	7.21	--	NP	6.61	--
MW-8R	03/23/15	13:07	13.82	8.53	--	NP	5.29	--
MW-8R	06/22/15	15:11	13.82	8.33	--	NP	5.49	--
MW-8R	10/27/16	8:48	13.82	7.02	--	NP	6.80	--
MW-8R	07/24/17	11:31	13.82	8.31	--	NP	5.51	--
MW-101	10/20/08	15:55	14.99	8.97	--	NP	6.02	--
MW-101	12/08/08	10:30	14.99	8.96	--	NP	6.03	--
MW-101	02/20/09	9:40	14.99	8.81	--	NP	6.18	--
MW-101	04/20/09	9:15	14.99	8.83	--	NP	6.16	--
MW-101	06/22/09	11:27	14.99	8.95	--	NP	6.04	--
MW-101	08/03/09	11:03	14.99	9.14	--	NP	5.85	--
MW-101	08/17/09	9:18	14.99	9.38	--	NP	5.61	--
MW-101	10/29/09	9:00	14.99	8.71	--	NP	6.28	--
MW-101	01/18/10	13:30	14.99	7.00	--	NP	7.99	--
MW-101	04/19/10	14:43	14.99	8.31	--	NP	6.68	--
MW-101	07/19/10	7:10	14.99	9.08	--	NP	5.91	--
MW-101	10/25/10	13:39	14.99	8.55	--	NP	6.44	--
MW-101	03/21/11	12:23	14.99	7.85	--	NP	7.14	--
MW-101	06/14/11	10:07	14.99	8.79	--	NP	6.20	--
MW-101	09/26/11	10:50	14.99	9.13	--	NP	5.86	--
MW-101	12/12/11	11:56	14.99	9.82	--	NP	5.17	--
MW-101	03/27/12	13:52	14.99	8.06	--	NP	6.93	--
MW-101	06/27/12	16:53	14.99	8.79	--	NP	6.20	--
MW-101	09/25/12	7:28	14.99	9.39	--	NP	5.60	--
MW-101	12/13/12	10:06	14.99	7.95	--	NP	7.04	--
MW-101	03/25/13	10:06	14.99	8.01	--	NP	6.98	--
MW-101	06/24/13	11:27	14.99	8.86	--	NP	6.13	--
MW-101	09/23/13	13:37	14.99	8.76	--	NP	6.23	--
MW-101	12/16/13	11:40	14.99	9.20	--	NP	5.79	--
MW-101	03/26/14	7:45	14.99	8.19	--	NP	6.80	--
MW-101	06/16/14	13:24	14.99	8.91	--	NP	6.08	--
MW-101	09/29/14	13:42	14.99	8.72	--	NP	6.27	--
MW-101	12/08/14	12:20	14.99	8.01	--	NP	6.98	--
MW-101	03/23/15	13:22	14.99	8.24	--	NP	6.75	--
MW-101	06/22/15	15:22	14.99	9.14	--	NP	5.85	--
MW-101	10/27/16	9:03	14.99	7.88	--	NP	7.11	--
MW-101	07/24/17	11:44	14.99	8.99	--	NP	6.00	--
MW-104	10/20/08	15:53	14.08	8.21	--	NP	5.87	--
MW-104	12/08/08	10:28	14.08	8.20	--	NP	5.88	--
MW-104	02/20/09	9:34	14.08	8.09	--	NP	5.99	--
MW-104	04/20/09	9:13	14.08	8.32	--	NP	5.76	--
MW-104	06/22/09	11:24	14.08	8.41	8.40	0.01 [^]	5.67	Measurement error. See note [^] .
MW-104	08/03/09	11:02	14.08	8.51	--	NP	5.57	--
MW-104	08/17/09	9:17	14.08	8.80	--	NP	5.28	--
MW-104	10/29/09	8:59	14.08	8.12	--	NP	5.96	--
MW-104	01/18/10	13:29	14.08	6.24	--	NP	7.84	--
MW-104	04/19/10	14:40	14.08	7.77	--	NP	6.31	--
MW-104	07/19/10	7:08	14.08	8.47	--	NP	5.61	--
MW-104	10/25/10	13:37	14.08	7.74	--	NP	6.34	--
MW-104	03/21/11	12:21	14.08	7.11	--	NP	6.97	--
MW-104	06/14/11	10:04	14.08	8.26	--	NP	5.82	--
MW-104	09/26/11	10:47	14.08	8.50	--	NP	5.58	--
MW-104	12/12/11	11:48	14.08	8.15	--	NP	5.93	--
MW-104	03/27/12	13:50	14.08	7.39	--	NP	6.69	--
MW-104	06/27/12	16:49	14.08	8.09	--	NP	5.99	--

Table 1
 Groundwater Elevation Data
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
MW-104	09/25/12	7:26	14.08	8.78	--	NP	5.30	--
MW-104	12/13/12	10:04	14.08	7.21	--	NP	6.87	--
MW-104	03/25/13	10:04	14.08	8.13	--	NP	5.95	--
MW-104	06/24/13	11:25	14.08	8.19	--	NP	5.89	--
MW-104	09/23/13	13:35	14.08	7.99	--	NP	6.09	--
MW-104	12/16/13	10:03	14.08	8.45	--	NP	5.63	--
MW-104	03/26/14	7:40	14.08	7.55	--	NP	6.53	--
MW-104	06/16/14	13:22	14.08	8.24	--	NP	5.84	--
MW-104	09/29/14	13:33	14.08	7.99	--	NP	6.09	--
MW-104	12/08/14	12:18	14.08	7.30	--	NP	6.78	--
MW-104	03/23/15	13:23	14.08	7.58	--	NP	6.50	--
MW-104	06/22/15	15:22	14.08	8.46	--	NP	5.62	--
MW-104	10/27/16	9:02	14.08	7.12	--	NP	6.96	--
MW-104	07/24/17	11:43	14.08	8.35	--	NP	5.73	--
MW-108	10/20/08	16:11	12.40	6.31	--	NP	6.09	--
MW-108	12/08/08	10:59	12.40	7.80	--	NP	4.60	--
MW-108	02/20/09	9:58	12.40	6.54	--	NP	5.86	--
MW-108	04/20/09	9:51	12.40	6.48	--	NP	5.92	--
MW-108	06/22/09	11:38	12.40	6.68	--	NP	5.72	--
MW-108	08/03/09	11:20	12.40	6.75	--	NP	5.65	--
MW-108	08/17/09	9:29	12.40	6.80	--	NP	5.60	--
MW-108	10/29/09	9:43	12.40	7.45	--	NP	4.95	--
MW-108	01/18/10	13:49	12.40	6.42	--	NP	5.98	--
MW-108	04/19/10	15:16	12.40	6.07	--	NP	6.33	--
MW-108	07/19/10	7:27	12.40	6.42	--	NP	5.98	--
MW-108	10/25/10	13:58	12.40	5.66	--	NP	6.74	--
MW-108	03/21/11	12:34	12.40	5.81	--	NP	6.59	--
MW-108	06/14/11	10:49	12.40	6.38	--	NP	6.02	--
MW-108	09/26/11	9:27	12.40	6.56	--	NP	5.84	--
MW-108	12/12/11	12:47	12.40	6.37	--	NP	6.03	--
MW-108	03/27/12	14:11	12.40	5.91	--	NP	6.49	--
MW-108	06/27/12	17:19	12.40	6.03	--	NP	6.37	--
MW-108	09/25/12	7:43	12.40	6.49	--	NP	5.91	--
MW-108	12/13/12	10:06	12.40	5.76	--	NP	6.64	--
MW-108	03/25/13	11:30	12.40	5.52	--	NP	6.88	--
MW-108	06/24/13	12:48	12.40	5.91	--	NP	6.49	--
MW-108	09/23/13	13:58	12.40	6.25	--	NP	6.15	--
MW-108	12/16/13	11:37	12.40	6.45	--	NP	5.95	--
MW-108	03/26/14	8:17	12.40	5.80	--	NP	6.60	--
MW-108	06/16/14	13:10	12.40	6.05	--	NP	6.35	--
MW-108	09/29/14	14:45	12.40	6.23	--	NP	6.17	--
MW-108	12/08/14	12:20	12.40	6.03	--	NP	6.37	--
MW-108	03/23/15	14:59	12.40	6.03	--	NP	6.37	--
MW-108	06/22/15	15:49	12.40	6.44	--	NP	5.96	--
MW-108	10/27/16	10:16	12.40	6.05	--	NP	6.35	--
MW-108	07/24/17	11:25	12.40	7.08	--	NP	5.32	--
MW-109	10/20/08	16:15	13.53	6.98	--	NP	6.55	--
MW-109	12/08/08	11:02	13.53	7.38	--	NP	6.15	--
MW-109	02/20/09	10:00	13.53	7.36	--	NP	6.17	--
MW-109	04/20/09	9:53	13.53	7.30	--	NP	6.23	--
MW-109	06/22/09	11:41	13.53	7.15	--	NP	6.38	--
MW-109	08/03/09	11:22	13.53	7.56	--	NP	5.97	--
MW-109	08/17/09	9:32	13.53	7.60	--	NP	5.93	--
MW-109	10/29/09	9:41	13.53	7.39	--	NP	6.14	--
MW-109	01/18/10	13:51	13.53	6.46	--	NP	7.07	--
MW-109	04/19/10	15:20	13.53	6.87	--	NP	6.66	--
MW-109	07/19/10	7:33	13.53	7.40	--	NP	6.13	--
MW-109	10/25/10	13:58	13.53	6.40	--	NP	7.13	--
MW-109	03/21/11	12:32	13.53	6.74	--	NP	6.79	--
MW-109	06/14/11	10:44	13.53	6.95	--	NP	6.58	--
MW-109	09/26/11	9:49	13.53	7.15	--	NP	6.38	--
MW-109	12/12/11	12:50	13.53	2.33	--	NP	11.20	--
MW-109	03/27/12	14:14	13.53	6.76	--	NP	6.77	--
MW-109	06/27/12	17:22	13.53	7.12	--	NP	6.41	--
MW-109	09/25/12	7:45	13.53	7.51	--	NP	6.02	--
MW-109	12/13/12	10:02	13.53	6.68	--	NP	6.85	--
MW-109	03/25/13	11:34	13.53	6.91	--	NP	6.62	--
MW-109	06/24/13	12:55	13.53	6.64	--	NP	6.89	--
MW-109	09/23/13	13:58	13.53	6.77	--	NP	6.76	--
MW-109	12/16/13	11:40	13.53	7.57	--	NP	5.96	--
MW-109	03/26/14	8:20	13.53	6.26	--	NP	7.27	--
MW-109	06/16/14	13:03	13.53	6.78	--	NP	6.75	--
MW-109	09/29/14	14:46	13.53	6.85	--	NP	6.68	--

Table 1
Groundwater Elevation Data
Former Unocal Terminal
11720 Unoco Road
Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
MW-109	12/08/14	12:22	13.53	7.01	--	NP	6.52	--
MW-109	03/23/15	15:00	13.53	6.97	--	NP	6.56	--
MW-109	06/22/15	15:54	13.53	7.54	--	NP	5.99	--
MW-109	10/27/16	10:20	13.53	6.80	--	NP	6.73	--
MW-109	07/24/17	--	--	--	--	--	--	Unable to access
MW-122	10/20/08	16:32	15.54	8.05	--	NP	7.49	--
MW-122	12/08/08	11:40	15.54	7.87	--	NP	7.67	--
MW-122	02/20/09	10:27	15.54	7.85	--	NP	7.69	--
MW-122	04/20/09	10:13	15.54	7.92	--	NP	7.62	--
MW-122	06/22/09	11:54	15.54	8.21	--	NP	7.33	--
MW-122	08/03/09	10:30	15.54	8.31	--	NP	7.23	--
MW-122	08/17/09	9:42	15.54	8.41	--	NP	7.13	--
MW-122	10/29/09	9:35	15.54	7.78	--	NP	7.76	--
MW-122	01/18/10	14:10	15.54	7.35	--	NP	8.19	--
MW-122	04/19/10	15:43	15.54	7.61	--	NP	7.93	--
MW-122	07/19/10	7:49	15.54	8.00	--	NP	7.54	--
MW-122	10/25/10	14:15	15.54	7.52	--	NP	8.02	--
MW-122	03/21/11	12:46	15.54	7.23	--	NP	8.31	--
MW-122	06/14/11	11:11	15.54	7.90	--	NP	7.64	--
MW-122	09/26/11	11:17	15.54	8.10	--	NP	7.44	--
MW-122	12/12/11	12:44	15.54	7.76	--	NP	7.78	--
MW-122	03/27/12	14:30	15.54	7.31	--	NP	8.23	--
MW-122	06/27/12	17:37	15.54	7.59	--	NP	7.95	--
MW-122	09/25/12	8:08	15.54	8.02	--	NP	7.52	--
MW-122	12/13/12	10:29	15.54	7.15	--	NP	8.39	--
MW-122	03/25/13	10:41	15.54	7.39	--	NP	8.15	--
MW-122	06/24/13	12:08	15.54	7.67	--	NP	7.87	--
MW-122	09/23/13	14:05	15.54	7.74	--	NP	7.80	--
MW-122	12/16/13	10:43	15.54	7.71	--	NP	7.83	--
MW-122	03/26/14	8:33	15.54	7.29	--	NP	8.25	--
MW-122	06/16/14	14:02	15.54	7.77	--	NP	7.77	--
MW-122	09/29/14	14:01	15.54	7.66	--	NP	7.88	--
MW-122	12/08/14	13:15	15.54	7.27	--	NP	8.27	--
MW-122	03/23/15	14:36	15.54	7.53	--	NP	8.01	--
MW-122	06/22/15	15:15	15.54	7.92	--	NP	7.62	--
MW-122	10/27/16	10:00	15.54	7.23	--	NP	8.31	--
MW-122	07/24/17	--	--	--	--	--	--	Deep well - not part of the monitoring network
MW-126	10/20/08	17:05	12.40	4.51	--	NP	7.89	--
MW-126	12/08/08	10:00	12.40	4.17	--	NP	8.23	--
MW-126	02/20/09	9:33	12.40	4.32	--	NP	8.08	--
MW-126	04/20/09	8:59	12.40	4.13	--	NP	8.27	--
MW-126	06/22/09	11:03	12.40	4.54	--	NP	7.86	--
MW-126	08/03/09	10:58	12.40	4.85	--	NP	7.55	--
MW-126	08/17/09	8:44	12.40	4.65	--	NP	7.75	--
MW-126	10/29/09	9:47	12.40	4.00	--	NP	8.40	--
MW-126	01/18/10	13:02	12.40	3.55	--	NP	8.85	--
MW-126	04/19/10	14:10	12.40	3.97	--	NP	8.43	--
MW-126	07/19/10	6:44	12.40	4.72	--	NP	7.68	--
MW-126	10/25/10	13:13	12.40	4.35	--	NP	8.05	--
MW-126	03/21/11	12:08	12.40	3.74	--	NP	8.66	--
MW-126	06/14/11	11:30	12.40	4.49	--	NP	7.91	--
MW-126	09/26/11	10:35	12.40	4.91	--	NP	7.49	--
MW-126	12/12/11	11:51	12.40	4.20	--	NP	8.20	--
MW-126	03/27/12	13:34	12.40	3.85	--	NP	8.55	--
MW-126	06/27/12	16:46	12.40	4.35	--	NP	8.05	--
MW-126	09/25/12	7:21	12.40	4.80	--	NP	7.60	--
MW-126	12/13/12	9:56	12.40	3.68	--	NP	8.72	--
MW-126	03/25/13	11:26	12.40	4.07	--	NP	8.33	--
MW-126	06/24/13	11:11	12.40	4.47	--	NP	7.93	--
MW-126	09/23/13	13:27	12.40	4.57	--	NP	7.83	--
MW-126	12/16/13	9:53	12.40	4.53	--	NP	7.87	--
MW-126	03/26/14	8:04	12.40	3.80	--	NP	8.60	--
MW-126	06/16/14	13:22	12.40	4.39	--	NP	8.01	--
MW-126	09/29/14	14:52	12.40	4.53	--	NP	7.87	--
MW-126	12/08/14	13:18	12.40	3.73	--	NP	8.67	--
MW-126	03/22/15	12:21	12.40	2.84	--	NP	9.56	--
MW-126	06/22/15	15:21	12.40	4.99	--	NP	7.41	--
MW-126	10/27/16	8:58	12.40	3.94	--	NP	8.46	--
MW-126	07/24/17	11:43	12.40	5.95	--	NP	6.45	--
MW-129R	10/20/08	16:33	12.92	6.54	--	NP	6.38	--
MW-129R	12/08/08	11:38	12.92	6.78	--	NP	6.14	--
MW-129R	02/20/09	10:30	12.92	6.35	6.34	0.01	6.58	See **
MW-129R	04/20/09	10:15	12.92	6.35	--	NP	6.57	--

Table 1
 Groundwater Elevation Data
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
MW-129R	06/22/09	11:56	12.92	6.71	--	NP	6.21	--
MW-129R	08/03/09	10:25	12.92	6.90	--	NP	6.02	--
MW-129R	08/17/09	9:44	12.92	6.98	--	<0.01	5.94	Film observed during gauging, sheen observed on purge water
MW-129R	10/29/09	9:34	12.92	6.27	--	NP	6.65	--
MW-129R	01/18/10	14:08	12.92	6.22	--	NP	6.70	--
MW-129R	04/19/10	15:44	12.92	5.88	--	NP	7.04	--
MW-129R	07/19/10	7:45	12.92	6.30	--	NP	6.62	--
MW-129R	10/25/10	14:17	12.92	5.79	--	NP	7.13	--
MW-129R	03/21/11	12:49	12.92	5.31	--	NP	7.61	--
MW-129R	06/14/11	11:07	12.92	6.36	--	NP	6.56	--
MW-129R	09/26/11	11:10	12.92	6.66	--	<0.01	6.26	Film observed during gauging, confirmed with bailer
MW-129R	12/12/11	13:53	12.92	6.31	--	NP	6.61	--
MW-129R	03/27/12	14:37	12.92	5.37	--	NP	7.55	--
MW-129R	06/27/12	17:35	12.92	5.81	--	NP	7.11	--
MW-129R	09/25/12	8:05	12.92	6.44	--	NP	6.48	--
MW-129R	12/13/12	10:20	12.92	5.52	--	NP	7.40	--
MW-129R	03/25/13	10:40	12.92	5.20	--	NP	7.72	--
MW-129R	06/24/13	12:52	12.92	5.71	--	NP	7.21	--
MW-129R	09/23/13	14:42	12.92	6.31	--	NP	6.61	--
MW-129R	12/16/13	10:45	12.92	6.96	--	NP	5.96	--
MW-129R	03/26/14	8:31	12.92	5.53	--	NP	7.39	--
MW-129R	06/16/14	13:56	12.92	5.95	--	NP	6.97	--
MW-129R	09/29/14	14:47	12.92	6.18	--	NP	6.74	--
MW-129R	12/08/14	12:46	12.92	5.65	--	NP	7.27	--
MW-129R	03/23/14	14:36	12.92	5.90	--	NP	7.02	Sheen observed on purge water
MW-129R	06/22/15	15:14	12.92	6.13	--	NP	6.79	--
MW-129R	10/27/16	9:59	12.92	5.59	--	NP	7.33	--
MW-129R	07/24/17	12:57	12.92	5.62	--	NP	7.30	Film observed during gauging, confirmed with bailer
MW-13U	10/20/08	16:46	25.60	17.52	--	NP	8.08	--
MW-13U	12/08/08	12:03	25.60	17.32	--	NP	8.28	--
MW-13U	02/20/09	10:52	25.60	17.29	--	NP	8.31	--
MW-13U	04/20/09	10:35	25.60	17.10	--	NP	8.50	--
MW-13U	06/22/09	11:40	25.60	17.40	--	NP	8.20	--
MW-13U	08/03/09	10:39	25.60	17.53	--	NP	8.07	--
MW-13U	08/17/09	9:55	25.60	17.63	--	NP	7.97	--
MW-13U	10/29/09	9:32	25.60	17.26	--	NP	8.34	--
MW-13U	01/18/10	14:02	25.60	16.21	--	NP	9.39	--
MW-13U	04/19/10	16:06	25.60	16.52	--	NP	9.08	--
MW-13U	07/19/10	8:10	25.60	17.21	--	NP	8.39	--
MW-13U	10/25/10	14:48	25.60	17.25	--	NP	8.35	--
MW-13U	03/21/11	13:03	25.60	16.33	--	NP	9.27	--
MW-13U	06/14/11	11:30	25.60	16.88	--	NP	8.72	--
MW-13U	09/26/11	11:15	25.60	17.34	--	NP	8.26	--
MW-13U	12/12/11	13:24	25.60	16.96	--	NP	8.64	--
MW-13U	03/27/12	14:53	25.60	16.49	--	NP	9.11	--
MW-13U	06/27/12	17:44	25.60	16.92	--	NP	8.68	--
MW-13U	09/25/12	8:28	25.60	17.41	--	NP	8.19	--
MW-13U	12/13/12	10:39	25.60	16.56	--	NP	9.04	--
MW-13U	03/25/13	11:03	25.60	16.78	--	NP	8.82	--
MW-13U	06/24/13	12:37	25.60	17.11	--	NP	8.49	--
MW-13U	09/23/13	13:32	25.60	17.23	--	NP	8.37	--
MW-13U	12/16/13	11:05	25.60	17.30	--	NP	8.30	--
MW-13U	03/26/14	8:28	25.60	16.44	--	NP	9.16	--
MW-13U	06/16/14	14:10	25.60	17.02	--	NP	8.58	--
MW-13U	09/29/14	14:53	25.60	17.22	--	NP	8.38	--
MW-13U	12/08/14	13:09	25.60	16.58	--	NP	9.02	--
MW-13U	03/23/15	14:32	25.60	16.61	--	NP	8.99	--
MW-13U	06/22/15	15:46	25.60	17.13	--	NP	8.47	--
MW-13U	10/27/16	9:40	25.60	16.91	--	NP	8.69	--
MW-13U	07/24/17	12:15	25.60	17.03	--	NP	8.57	--
MW-131	10/20/08	16:17	12.53	6.37	--	NP	6.16	--
MW-131	12/08/08	11:31	12.53	6.10	--	NP	6.43	--
MW-131	02/20/09	10:58	12.53	5.91	--	NP	6.62	--
MW-131	04/20/09	8:42	12.53	5.75	--	NP	6.78	--
MW-131	06/22/09	11:46	12.53	6.27	--	NP	6.26	--
MW-131	08/03/09	11:31	12.53	6.45	--	NP	6.08	--
MW-131	08/17/09	9:32	12.53	6.46	--	NP	6.07	--
MW-131	10/29/09	9:30	12.53	5.70	--	NP	6.83	--
MW-131	01/18/10	13:46	12.53	4.81	--	NP	7.72	--
MW-131	04/19/10	15:32	12.53	5.49	--	NP	7.04	--
MW-131	07/19/10	8:36	12.53	6.11	--	NP	6.42	--
MW-131	10/25/10	14:12	12.53	5.83	--	NP	6.70	--
MW-131	03/21/11	12:42	12.53	4.83	--	NP	7.70	--

Table 1
 Groundwater Elevation Data
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
MW-131	06/14/11	10:53	12.53	5.95	--	NP	6.58	--
MW-131	09/26/11	11:04	12.53	6.40	--	NP	6.13	--
MW-131	12/12/11	12:11	12.53	5.84	--	NP	6.69	--
MW-131	03/27/12	14:20	12.53	5.24	--	NP	7.29	--
MW-131	06/27/12	17:28	12.53	5.68	--	NP	6.85	--
MW-131	09/25/12	8:00	12.53	6.34	--	NP	6.19	--
MW-131	12/13/12	10:54	12.53	5.19	--	NP	7.34	--
MW-131	03/25/13	10:45	12.53	5.12	--	NP	7.41	--
MW-131	06/24/13	12:05	12.53	5.92	--	NP	6.61	--
MW-131	09/23/13	14:02	12.53	6.05	--	NP	6.48	--
MW-131	12/16/13	10:32	12.53	6.04	--	NP	6.49	--
MW-131	03/26/14	9:11	12.53	5.51	--	NP	7.02	--
MW-131	06/16/14	13:52	12.53	5.95	--	NP	6.58	--
MW-131	09/29/14	13:57	12.53	5.93	--	NP	6.60	--
MW-131	12/08/14	12:50	12.53	5.36	--	NP	7.17	--
MW-131	03/23/15	14:03	12.53	5.38	--	NP	7.15	--
MW-131	06/22/15	15:19	12.53	6.15	--	NP	6.38	--
MW-131	10/27/16	9:50	12.53	4.98	--	NP	7.55	--
MW-131	07/24/17	--	--	--	--	--	--	Not part of the monitoring network
MW-134X	10/20/08	16:40	35.13	26.58	--	NP	8.55	--
MW-134X	12/08/08	11:57	35.13	26.55	--	NP	8.58	--
MW-134X	02/20/09	10:55	35.13	26.62	--	NP	8.51	--
MW-134X	04/20/09	10:30	35.13	26.43	--	NP	8.70	--
MW-134X	06/22/09	11:35	35.13	26.69	--	NP	8.44	--
MW-134X	08/03/09	10:36	35.13	26.70	--	NP	8.43	--
MW-134X	08/17/09	9:50	35.13	26.79	--	NP	8.34	--
MW-134X	10/29/09	9:25	35.13	26.34	--	NP	8.79	--
MW-134X	01/18/10	13:57	35.13	25.51	--	NP	9.62	--
MW-134X	04/19/10	16:01	35.13	25.64	--	NP	9.49	--
MW-134X	07/19/10	8:06	35.13	26.41	--	NP	8.72	--
MW-134X	10/25/10	14:43	35.13	26.40	--	NP	8.73	--
MW-134X	03/21/11	13:00	35.13	25.65	--	NP	9.48	--
MW-134X	06/14/11	11:22	35.13	26.20	--	NP	8.93	--
MW-134X	09/26/11	11:11	35.13	26.34	--	NP	8.79	--
MW-134X	12/12/11	13:16	35.13	26.21	--	NP	8.92	--
MW-134X	03/27/12	14:48	35.13	25.75	--	NP	9.38	--
MW-134X	06/27/12	17:54	35.13	26.15	--	NP	8.98	--
MW-134X	09/25/12	8:25	35.13	26.50	--	NP	8.63	--
MW-134X	12/13/12	11:00	35.13	25.97	--	NP	9.16	--
MW-134X	03/25/13	11:11	35.13	25.97	--	NP	9.16	--
MW-134X	06/24/13	12:34	35.13	26.14	--	NP	8.99	--
MW-134X	09/23/13	13:43	35.13	26.52	--	NP	8.61	--
MW-134X	12/16/13	11:10	35.13	26.53	--	NP	8.60	--
MW-134X	03/26/14	9:15	35.13	25.61	--	NP	9.52	--
MW-134X	06/16/14	14:02	35.13	26.15	--	NP	8.98	--
MW-134X	09/29/14	15:15	35.13	26.26	--	NP	8.87	--
MW-134X	12/08/14	13:04	35.13	25.89	--	NP	9.24	--
MW-134X	03/23/15	11:53	35.13	25.83	--	NP	9.30	--
MW-134X	06/22/15	15:44	35.13	26.26	--	NP	8.87	--
MW-134X	10/27/16	9:30	35.13	24.16	--	NP	10.97	--
MW-134X	07/24/17	12:31	35.13	26.02	--	NP	9.11	--
MW-135	10/20/08	16:35	18.13	10.06	--	NP	8.07	--
MW-135	12/08/08	11:47	18.13	11.43	--	NP	6.70	--
MW-135	02/20/09	10:47	18.13	10.14	--	NP	7.99	--
MW-135	04/20/09	10:22	18.13	11.17	--	NP	6.96	--
MW-135	06/22/09	11:23	18.13	10.84	--	NP	7.29	--
MW-135	08/03/09	10:13	18.13	11.04	--	NP	7.09	--
MW-135	08/17/09	9:55	18.13	11.16	--	NP	6.97	--
MW-135	10/29/09	10:15	18.13	11.00	--	NP	7.13	--
MW-135	01/18/10	13:05	18.13	10.20	--	NP	7.93	--
MW-135	04/19/10	15:54	18.13	10.78	--	NP	7.35	--
MW-135	07/19/10	7:52	18.13	10.97	--	NP	7.16	--
MW-135	10/25/10	14:26	18.13	10.75	--	NP	7.38	--
MW-135	03/21/11	12:56	18.13	10.53	--	NP	7.60	--
MW-135	06/14/11	11:26	18.13	10.05	--	NP	8.08	--
MW-135	09/26/11	11:05	18.13	11.25	--	NP	6.88	--
MW-135	12/12/11	13:08	18.13	11.01	--	NP	7.12	--
MW-135	03/27/12	14:41	18.13	10.61	--	NP	7.52	--
MW-135	06/27/12	17:43	18.13	10.41	--	NP	7.72	--
MW-135	09/25/12	8:15	18.13	11.19	--	NP	6.94	--
MW-135	12/13/12	10:32	18.13	10.48	--	NP	7.65	--
MW-135	03/25/13	10:40	18.13	10.46	--	NP	7.67	--
MW-135	06/24/13	12:27	18.13	10.62	--	NP	7.51	--

Table 1
Groundwater Elevation Data
Former Unocal Terminal
11720 Unoco Road
Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
MW-135	09/23/13	13:56	18.13	11.00	--	NP	7.13	--
MW-135	12/16/13	10:38	18.13	11.56	--	NP	6.57	--
MW-135	03/26/14	--	18.13	--	--	--	--	--
MW-135	06/16/14	13:20	18.13	10.78	--	NP	7.35	--
MW-135	09/29/14	14:35	18.13	10.99	--	NP	7.14	--
MW-135	12/08/14	13:17	18.13	10.77	--	NP	7.36	--
MW-135	03/23/15	14:50	18.13	10.35	--	NP	7.78	--
MW-135	06/22/15	14:41	18.13	11.10	--	NP	7.03	--
MW-135	10/27/16	9:40	18.13	10.69	--	NP	7.44	--
MW-135	07/24/17	11:50	18.13	10.88	--	NP	7.25	--
MW-136	10/27/08	13:35	15.99	8.13	--	NP	7.86	--
MW-136	12/08/08	11:49	15.99	8.06	--	NP	7.93	--
MW-136	02/20/09	10:50	15.99	7.80	--	NP	8.19	--
MW-136	04/20/09	10:25	15.99	7.73	--	NP	8.26	--
MW-136	06/22/09	11:25	15.99	8.00	--	NP	7.99	--
MW-136	08/03/09	10:14	15.99	8.74	--	NP	7.25	--
MW-136	08/17/09	9:57	15.99	9.78	--	NP	6.21	--
MW-136	10/29/09	10:20	15.99	7.84	--	NP	8.15	--
MW-136	01/18/10	13:02	15.99	7.08	--	NP	8.91	--
MW-136	04/19/10	15:55	15.99	7.63	--	NP	8.36	--
MW-136	07/19/10	7:55	15.99	8.06	--	NP	7.93	--
MW-136	10/25/10	14:23	15.99	7.91	--	NP	8.08	--
MW-136	03/21/11	12:56	15.99	6.22	--	NP	9.77	--
MW-136	06/14/11	11:23	15.99	7.77	--	NP	8.22	--
MW-136	09/26/11	11:23	15.99	8.70	--	NP	7.29	--
MW-136	12/12/11	13:10	15.99	7.69	--	NP	8.30	--
MW-136	03/27/12	14:43	15.99	7.44	--	NP	8.55	--
MW-136	06/27/12	17:45	15.99	7.79	--	NP	8.20	--
MW-136	09/25/12	8:05	15.99	8.31	--	NP	7.68	--
MW-136	12/13/12	10:25	15.99	6.78	--	NP	9.21	--
MW-136	03/25/13	10:35	15.99	7.46	--	NP	8.53	--
MW-136	06/24/13	12:28	15.99	7.86	--	NP	8.13	--
MW-136	09/23/13	13:55	15.99	8.01	--	NP	7.98	--
MW-136	12/16/13	10:50	15.99	7.80	--	NP	8.19	--
MW-136	03/26/14	9:02	15.99	6.85	--	NP	9.14	--
MW-136	06/16/14	13:32	15.99	7.80	--	NP	8.19	--
MW-136	09/29/14	15:20	15.99	7.72	--	NP	8.27	--
MW-136	12/08/14	13:15	15.99	7.11	--	NP	8.88	--
MW-136	03/23/15	14:25	15.99	7.04	--	NP	8.95	--
MW-136	06/22/15	14:43	15.99	7.86	--	NP	8.13	--
MW-136	10/27/16	9:32	15.99	7.40	--	NP	8.59	--
MW-136	07/24/17	11:52	15.99	8.12	--	NP	7.87	--
MW-139R	10/20/08	15:59	13.84	7.57	--	NP	6.27	--
MW-139R	12/08/08	10:46	13.84	7.17	--	NP	6.67	--
MW-139R	02/20/09	9:48	13.84	6.96	--	NP	6.88	--
MW-139R	04/20/09	9:38	13.84	6.77	--	NP	7.07	--
MW-139R	06/22/09	11:27	13.84	7.34	--	NP	6.50	--
MW-139R	08/03/09	11:12	13.84	7.54	--	NP	6.30	--
MW-139R	08/17/09	9:21	13.84	7.62	--	NP	6.22	--
MW-139R	10/29/09	9:23	13.84	6.93	--	NP	6.91	--
MW-139R	01/18/10	13:45	13.84	5.43	--	NP	8.41	--
MW-139R	04/19/10	14:58	13.84	6.51	--	NP	7.33	--
MW-139R	07/19/10	7:15	13.84	7.36	--	NP	6.48	--
MW-139R	10/25/10	13:48	13.84	7.08	--	NP	6.76	--
MW-139R	03/21/11	12:27	13.84	5.89	--	NP	7.95	--
MW-139R	06/14/11	10:39	13.84	7.01	--	NP	6.83	--
MW-139R	09/26/11	10:53	13.84	7.62	--	NP	6.22	--
MW-139R	12/12/11	12:07	13.84	6.95	--	NP	6.89	--
MW-139R	03/27/12	13:59	13.84	6.35	--	NP	7.49	--
MW-139R	06/27/12	17:05	13.84	6.92	--	NP	6.92	--
MW-139R	09/25/12	7:38	13.84	7.62	--	NP	6.22	--
MW-139R	12/13/12	10:12	13.84	6.33	--	NP	7.51	--
MW-139R	03/25/13	10:14	13.84	6.75	--	NP	7.09	--
MW-139R	06/24/13	11:32	13.84	7.31	--	NP	6.53	--
MW-139R	09/23/13	13:44	13.84	7.20	--	NP	6.64	--
MW-139R	12/16/13	11:23	13.84	7.38	--	NP	6.46	--
MW-139R	03/26/14	8:22	13.84	6.50	--	NP	7.34	--
MW-139R	06/16/14	13:34	13.84	7.23	--	NP	6.61	--
MW-139R	09/29/14	13:44	13.84	7.15	--	NP	6.69	--
MW-139R	12/08/14	12:36	13.84	6.50	--	NP	7.34	--
MW-139R	03/23/15	13:49	13.84	6.56	--	NP	7.28	--
MW-139R	06/22/15	15:26	13.84	7.35	--	NP	6.49	--
MW-139R	10/27/16	9:18	13.84	6.04	--	NP	7.80	--

Table 1
 Groundwater Elevation Data
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
MW-139R	07/24/17	11:50	13.84	7.42	--	NP	6.42	--
MW-143	10/22/08	12:25	11.94	4.55	--	NP	7.39	--
MW-143	12/16/08	10:16	11.94	4.08	--	NP	7.86	--
MW-143	02/20/09	10:18	11.94	4.02	--	NP	7.92	--
MW-143	04/20/09	9:31	11.94	3.79	--	NP	8.15	--
MW-143	06/22/09	11:05	11.94	4.45	--	NP	7.49	--
MW-143	08/03/09	10:57	11.94	4.70	--	NP	7.24	--
MW-143	08/17/09	8:45	11.94	4.69	--	NP	7.25	--
MW-143	10/29/09	9:50	11.94	4.07	--	NP	7.87	--
MW-143	01/18/10	13:07	11.94	2.81	--	NP	9.13	--
MW-143	04/19/10	14:12	11.94	3.46	--	NP	8.48	--
MW-143	07/19/10	6:44	11.94	4.47	--	NP	7.47	--
MW-143	10/25/10	13:18	11.94	3.17	--	NP	8.77	--
MW-143	03/21/11	12:06	11.94	3.80	--	NP	8.14	--
MW-143	06/14/11	11:31	11.94	4.14	--	NP	7.80	--
MW-143	09/26/11	10:36	11.94	2.90	--	NP	9.04	--
MW-143	12/12/11	11:50	11.94	3.84	--	NP	8.10	--
MW-143	03/27/12	13:36	11.94	3.83	--	NP	8.11	--
MW-143	06/27/12	16:44	11.94	4.13	--	NP	7.81	--
MW-143	09/25/12	7:22	11.94	4.76	--	NP	7.18	--
MW-143	12/13/12	9:58	11.94	3.52	--	NP	8.42	--
MW-143	03/25/13	10:14	11.94	3.63	--	NP	8.31	--
MW-143	06/24/13	11:13	11.94	3.65	--	NP	8.29	--
MW-143	09/23/13	13:26	11.94	4.46	--	NP	7.48	--
MW-143	12/16/13	9:50	11.94	4.35	--	NP	7.59	--
MW-143	03/26/14	8:18	11.94	3.66	--	NP	8.28	--
MW-143	06/16/14	14:09	11.94	4.34	--	NP	7.60	--
MW-143	09/29/14	14:53	11.94	4.45	--	NP	7.49	--
MW-143	12/08/14	11:35	11.94	3.70	--	NP	8.24	--
MW-143	03/23/15	13:19	11.94	3.56	--	NP	8.38	--
MW-143	06/22/15	15:19	11.94	4.65	--	NP	7.29	--
MW-143	10/27/16	10:00	11.94	4.83	--	NP	7.11	--
MW-143	07/24/17	11:41	11.94	5.65	--	NP	6.29	--
MW-147	10/20/08	15:45	11.02	5.69	--	NP	5.33	--
MW-147	12/08/08	10:13	11.02	5.51	--	NP	5.51	--
MW-147	02/20/09	9:13	11.02	5.35	--	NP	5.67	--
MW-147	04/20/09	9:13	11.02	5.76	--	NP	5.26	--
MW-147	06/22/09	11:08	11.02	5.67	--	NP	5.35	--
MW-147	08/03/09	10:50	11.02	5.72	--	NP	5.30	--
MW-147	08/17/09	8:51	11.02	5.99	--	NP	5.03	--
MW-147	10/29/09	8:48	11.02	5.01	--	NP	6.01	--
MW-147	01/18/10	13:18	11.02	2.86	--	NP	8.16	--
MW-147	04/19/10	14:25	11.02	5.12	--	NP	5.90	--
MW-147	07/19/10	6:58	11.02	5.93	--	NP	5.09	--
MW-147	10/25/10	13:28	11.02	4.74	--	NP	6.28	--
MW-147	03/21/11	12:15	11.02	4.07	--	NP	6.95	--
MW-147	06/14/11	9:56	11.02	5.70	--	NP	5.32	--
MW-147	09/26/11	10:39	11.02	8.78	--	NP	2.24	--
MW-147	12/12/11	11:34	11.02	5.58	--	NP	5.44	--
MW-147	03/27/12	13:43	11.02	4.70	--	NP	6.32	--
MW-147	06/27/12	16:35	11.02	5.37	--	NP	5.65	--
MW-147	09/25/12	7:25	11.02	5.98	--	NP	5.04	--
MW-147	12/13/12	9:46	11.02	4.26	--	NP	6.76	--
MW-147	03/25/13	9:56	11.02	5.57	--	NP	5.45	--
MW-147	06/24/13	11:16	11.02	5.64	--	NP	5.38	--
MW-147	09/23/13	13:23	11.02	5.33	--	NP	5.69	--
MW-147	12/16/13	9:46	11.02	5.80	--	NP	5.22	--
MW-147	03/26/14	7:42	11.02	4.96	--	NP	6.06	--
MW-147	06/16/14	13:12	11.02	5.70	--	NP	5.32	--
MW-147	09/29/14	13:23	11.02	5.16	--	NP	5.86	--
MW-147	12/08/14	11:30	11.02	4.41	--	NP	6.61	--
MW-147	03/23/15	13:04	11.02	4.95	--	NP	6.07	--
MW-147	06/22/15	15:12	11.02	5.86	--	NP	5.16	--
MW-147	10/27/16	8:52	11.02	3.95	--	NP	7.07	--
MW-147	07/24/17	11:28	11.02	5.78	--	NP	5.24	--
MW-149R	10/20/08	15:42	12.18	6.76	--	NP	5.42	--
MW-149R	12/08/08	10:07	12.18	6.70	--	NP	5.48	--
MW-149R	02/20/09	9:10	12.18	6.57	--	NP	5.61	--
MW-149R	04/20/09	9:06	12.18	7.09	--	NP	5.09	--
MW-149R	06/22/09	11:10	12.18	7.22	--	NP	4.96	--
MW-149R	08/03/09	10:46	12.18	7.33	--	NP	4.85	--
MW-149R	08/17/09	8:48	12.18	7.69	--	NP	4.49	--
MW-149R	10/29/09	8:50	12.18	6.77	--	NP	5.41	--

Table 1
 Groundwater Elevation Data
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
MW-149R	01/18/10	13:15	12.18	3.90	--	NP	8.28	--
MW-149R	04/19/10	14:20	12.18	6.76	--	NP	5.42	--
MW-149R	07/19/10	6:50	12.18	7.56	--	NP	4.62	--
MW-149R	10/25/10	13:23	12.18	6.13	--	NP	6.05	--
MW-149R	03/21/11	12:13	12.18	5.39	--	NP	6.79	--
MW-149R	06/14/11	9:44	12.18	7.27	--	NP	4.91	--
MW-149R	09/26/11	10:44	12.18	7.19	--	NP	4.99	--
MW-149R	12/12/11	11:29	12.18	6.74	--	NP	5.44	--
MW-149R	03/27/12	13:41	12.18	6.07	--	NP	6.11	--
MW-149R	06/27/12	16:30	12.18	6.75	--	NP	5.43	--
MW-149R	09/25/12	7:14	12.18	7.58	--	NP	4.60	--
MW-149R	12/13/12	9:41	12.18	5.34	--	NP	6.84	--
MW-149R	03/25/13	9:49	12.18	6.95	--	NP	5.23	--
MW-149R	06/24/13	11:17	12.18	7.24	--	NP	4.94	--
MW-149R	09/23/13	13:14	12.18	6.60	--	NP	5.58	--
MW-149R	12/16/13	9:33	12.18	6.90	--	NP	5.28	--
MW-149R	03/26/14	7:35	12.18	6.08	--	NP	6.10	--
MW-149R	06/16/14	13:05	12.18	7.28	--	NP	4.90	--
MW-149R	09/29/14	13:17	12.18	6.43	--	NP	5.75	--
MW-149R	12/08/14	11:27	12.18	5.59	--	NP	6.59	--
MW-149R	03/23/15	13:00	12.18	6.21	--	NP	5.97	--
MW-149R	06/22/15	15:01	12.18	7.34	--	NP	4.84	--
MW-149R	10/27/16	8:44	12.18	5.41	--	NP	6.77	--
MW-149R	07/24/17	11:21	12.18	7.28	--	NP	4.90	--
MW-150	10/20/08	15:41	12.36	7.21	--	NP	5.15	--
MW-150	12/08/08	10:05	12.36	6.90	--	NP	5.46	--
MW-150	02/20/09	9:07	12.36	6.76	--	NP	5.60	--
MW-150	04/20/09	9:04	12.36	6.89	--	NP	5.47	--
MW-150	06/22/09	11:12	12.36	6.81	--	NP	5.55	--
MW-150	08/03/09	10:44	12.36	6.95	--	NP	5.41	--
MW-150	08/17/09	8:46	12.36	7.15	--	NP	5.21	--
MW-150	10/29/09	8:48	12.36	6.44	--	NP	5.92	--
MW-150	01/18/10	13:14	12.36	4.20	--	NP	8.16	--
MW-150	04/19/10	14:18	12.36	6.34	--	NP	6.02	--
MW-150	07/19/10	6:47	12.36	7.07	--	NP	5.29	--
MW-150	10/25/10	13:25	12.36	6.55	--	NP	5.81	--
MW-150	03/21/11	12:11	12.36	4.93	--	NP	7.43	--
MW-150	06/14/11	9:40	12.36	6.75	--	NP	5.61	--
MW-150	09/26/11	10:43	12.36	7.15	--	NP	5.21	--
MW-150	12/12/11	11:30	12.36	6.89	--	NP	5.47	--
MW-150	03/27/12	13:38	12.36	5.81	--	NP	6.55	--
MW-150	06/27/12	16:28	12.36	6.61	--	NP	5.75	--
MW-150	09/25/12	7:10	12.36	DRY	DRY	DRY	DRY	--
MW-150	12/13/12	9:42	12.36	5.36	--	NP	7.00	--
MW-150	03/25/13	9:46	12.36	6.62	--	NP	5.74	--
MW-150	06/24/13	11:15	12.36	6.98	--	NP	5.38	--
MW-150	09/23/13	13:15	12.36	6.81	--	NP	5.55	--
MW-150	12/16/13	9:30	12.36	7.17	--	NP	5.19	--
MW-150	03/26/14	7:32	12.36	6.09	--	NP	6.27	--
MW-150	06/16/14	13:08	12.36	6.95	--	NP	5.41	--
MW-150	09/29/14	13:15	12.36	6.55	--	NP	5.81	--
MW-150	12/08/14	11:25	12.36	5.90	--	NP	6.46	--
MW-150	03/23/15	12:57	12.36	5.96	--	NP	6.40	--
MW-150	06/22/15	15:07	12.36	6.99	--	NP	5.37	--
MW-150	10/27/16	8:42	12.36	5.28	--	NP	7.08	--
MW-150	07/24/17	11:19	12.36	6.96	--	NP	5.40	--
MW-151	10/20/08	15:39	11.05	5.76	--	NP	5.29	--
MW-151	12/08/08	10:02	11.05	5.41	--	NP	5.64	--
MW-151	02/20/09	9:16	11.05	5.28	--	NP	5.77	--
MW-151	04/20/09	9:10	11.05	5.24	--	NP	5.81	--
MW-151	06/22/09	11:07	11.05	5.52	--	NP	5.53	--
MW-151	08/03/09	10:48	11.05	5.64	--	NP	5.41	--
MW-151	08/17/09	8:51	11.05	5.82	--	NP	5.23	--
MW-151	10/29/09	8:42	11.05	4.44	--	NP	6.61	--
MW-151	01/18/10	13:10	11.05	1.26	--	NP	9.79	--
MW-151	04/19/10	14:15	11.05	4.77	--	NP	6.28	--
MW-151	07/19/10	6:53	11.05	7.80	--	NP	3.25	--
MW-151	10/25/10	13:21	11.05	4.63	--	NP	6.42	--
MW-151	03/21/11	12:10	11.05	2.71	--	NP	8.34	--
MW-151	06/14/11	9:51	11.05	7.38	--	NP	3.67	--
MW-151	09/26/11	10:38	11.05	5.75	--	NP	5.30	--
MW-151	12/12/11	11:35	11.05	5.29	--	NP	5.76	--
MW-151	03/27/12	13:39	11.05	3.96	--	NP	7.09	--

Table 1
Groundwater Elevation Data
Former Unocal Terminal
11720 Unoco Road
Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
MW-151	06/27/12	16:31	11.05	5.01	--	NP	6.04	--
MW-151	09/25/12	7:20	11.05	5.85	--	NP	5.20	--
MW-151	12/13/12	9:45	11.05	3.42	--	NP	7.63	--
MW-151	03/25/13	9:53	11.05	4.98	--	NP	6.07	--
MW-151	06/24/13	11:21	11.05	5.60	--	NP	5.45	--
MW-151	09/23/13	13:20	11.05	5.39	--	NP	5.66	--
MW-151	12/16/13	9:40	11.05	5.79	--	NP	5.26	--
MW-151	03/26/14	7:37	11.05	4.25	--	NP	6.80	--
MW-151	06/16/14	13:12	11.05	5.60	--	NP	5.45	--
MW-151	09/29/14	14:54	11.05	5.19	--	NP	5.86	--
MW-151	12/08/14	11:49	11.05	4.21	--	NP	6.84	--
MW-151	03/23/15	13:10	11.05	4.41	--	NP	6.64	--
MW-151	06/22/15	15:09	11.05	5.73	--	NP	5.32	--
MW-151	10/27/16	8:53	11.05	4.46	--	NP	6.59	--
MW-151	07/24/17	--	--	--	--	--	--	Not part of the monitoring network
MW-20R	10/20/08	15:51	12.17	6.53	--	NP	5.64	--
MW-20R	12/08/08	10:27	12.17	6.50	--	NP	5.67	--
MW-20R	02/20/09	9:27	12.17	6.37	--	NP	5.80	--
MW-20R	04/20/09	9:11	12.17	6.80	--	NP	5.37	--
MW-20R	06/22/09	11:21	12.17	6.83	--	NP	5.34	--
MW-20R	08/03/09	11:00	12.17	6.90	--	NP	5.27	--
MW-20R	08/17/09	9:15	12.17	7.18	--	NP	4.99	--
MW-20R	10/29/09	8:58	12.17	6.55	--	NP	5.62	--
MW-20R	01/18/10	13:27	12.17	4.60	--	NP	7.57	--
MW-20R	04/19/10	14:38	12.17	6.30	--	NP	5.87	--
MW-20R	07/19/10	7:06	12.17	6.94	--	NP	5.23	--
MW-20R	10/25/10	13:34	12.17	5.96	--	NP	6.21	--
MW-20R	03/21/11	12:19	12.17	5.73	--	NP	6.44	--
MW-20R	06/14/11	10:02	12.17	6.76	--	NP	5.41	--
MW-20R	09/26/11	10:47	12.17	6.83	--	NP	5.34	--
MW-20R	12/12/11	11:44	12.17	6.56	--	NP	5.61	--
MW-20R	03/27/12	13:49	12.17	5.98	--	NP	6.19	--
MW-20R	06/27/12	16:43	12.17	6.52	--	NP	5.65	--
MW-20R	09/25/12	7:24	12.17	7.09	--	NP	5.08	--
MW-20R	12/13/12	10:00	12.17	5.62	--	NP	6.55	--
MW-20R	03/25/13	10:02	12.17	6.64	--	NP	5.53	--
MW-20R	06/24/13	11:23	12.17	6.64	--	NP	5.53	--
MW-20R	09/23/13	13:32	12.17	6.34	--	NP	5.83	--
MW-20R	12/16/13	9:45	12.17	6.76	--	NP	5.41	--
MW-20R	03/26/14	7:30	12.17	6.04	--	NP	6.13	--
MW-20R	06/16/14	13:20	12.17	6.77	--	NP	5.40	--
MW-20R	09/29/14	13:32	12.17	6.28	--	NP	5.89	--
MW-20R	12/08/14	12:15	12.17	5.55	--	NP	6.62	--
MW-20R	03/23/15	13:15	12.17	6.13	--	NP	6.04	--
MW-20R	06/22/15	15:13	12.17	6.89	--	NP	5.28	--
MW-20R	10/27/16	9:01	12.17	5.66	--	NP	6.51	--
MW-20R	07/24/17	11:41	12.17	6.88	--	NP	5.29	--
MW-203	10/20/08	16:43	31.15	22.83	--	NP	8.32	--
MW-203	12/08/08	12:00	31.15	22.69	--	NP	8.46	--
MW-203	02/20/09	11:00	31.15	22.71	--	NP	8.44	--
MW-203	04/20/09	10:33	31.15	22.55	--	NP	8.60	--
MW-203	06/22/09	11:38	31.15	22.81	--	NP	8.34	--
MW-203	08/03/09	10:38	31.15	22.90	--	NP	8.25	--
MW-203	08/17/09	10:22	31.15	23.02	--	NP	8.13	--
MW-203	10/29/09	9:30	31.15	22.11	--	NP	9.04	--
MW-203	01/18/10	13:59	31.15	21.67	--	NP	9.48	--
MW-203	04/19/10	16:04	31.15	21.86	--	NP	9.29	--
MW-203	07/19/10	8:05	31.15	22.57	--	NP	8.58	--
MW-203	10/25/10	14:45	31.15	22.62	--	NP	8.53	--
MW-203	03/21/11	13:00	31.15	21.76	--	NP	9.39	--
MW-203	06/14/11	11:27	31.15	22.26	--	NP	8.89	--
MW-203	09/26/11	11:13	31.15	22.63	--	NP	8.52	--
MW-203	12/12/11	13:20	31.15	22.35	--	NP	8.80	--
MW-203	03/27/12	14:51	31.15	21.91	--	NP	9.24	--
MW-203	06/27/12	17:48	31.15	22.30	--	NP	8.85	--
MW-203	09/25/12	8:50	31.15	22.75	--	NP	8.40	--
MW-203	12/13/12	10:41	31.15	23.01	--	NP	8.14	--
MW-203	03/25/13	11:06	31.15	22.16	--	NP	8.99	--
MW-203	06/24/13	12:36	31.15	22.43	--	NP	8.72	--
MW-203	09/23/13	13:35	31.15	22.61	--	NP	8.54	--
MW-203	12/16/13	9:41	31.15	22.64	--	NP	8.51	--
MW-203	03/26/14	8:30	31.15	21.85	--	NP	9.30	--
MW-203	06/16/14	14:05	31.15	22.36	--	NP	8.79	--

Table 1
 Groundwater Elevation Data
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
MW-203	09/29/14	14:55	31.15	22.54	--	NP	8.61	--
MW-203	12/08/14	13:07	31.15	22.00	--	NP	9.15	--
MW-203	03/23/15	14:15	31.15	21.98	--	NP	9.17	--
MW-203	06/22/15	15:48	31.15	22.48	--	NP	8.67	--
MW-203	10/27/16	9:50	31.15	22.31	--	NP	8.84	--
MW-203	07/24/17	12:25	31.15	22.29	--	NP	8.86	--
MW-301	10/20/08	17:30	12.15	6.73	--	NP	5.42	--
MW-301	12/08/08	--	12.15	--	--	--	--	--
MW-301	02/20/09	11:22	12.15	6.53	--	NP	5.62	--
MW-301	04/20/09	10:55	12.15	7.44	--	NP	4.71	--
MW-301	06/22/09	10:36	12.15	7.25	--	NP	4.90	--
MW-301	08/03/09	11:44	12.15	7.42	--	NP	4.73	--
MW-301	08/17/09	10:28	12.15	7.92	--	NP	4.23	--
MW-301	10/29/09	10:00	12.15	7.26	--	NP	4.89	--
MW-301	01/18/10	14:11	12.15	4.95	--	NP	7.20	--
MW-301	04/19/10	16:25	12.15	7.05	--	NP	5.10	--
MW-301	07/19/10	8:34	12.15	7.62	--	NP	4.53	--
MW-301	10/25/10	15:07	12.15	6.05	--	NP	6.10	--
MW-301	03/21/11	13:26	12.15	6.36	--	NP	5.79	--
MW-301	06/14/11	11:50	12.15	7.57	--	NP	4.58	--
MW-301	09/26/11	11:50	12.15	7.27	--	NP	4.88	--
MW-301	12/12/11	14:15	12.15	6.78	--	NP	5.37	--
MW-301	03/27/12	14:51	12.15	6.60	--	NP	5.55	--
MW-301	06/27/12	18:10	12.15	7.05	--	NP	5.10	--
MW-301	09/25/12	9:05	12.15	7.70	--	NP	4.45	--
MW-301	12/13/12	10:58	12.15	5.94	--	NP	6.21	--
MW-301	03/25/13	11:40	12.15	7.30	--	NP	4.85	--
MW-301	06/24/13	12:58	12.15	7.36	--	NP	4.79	--
MW-301	09/23/13	15:00	12.15	6.66	--	NP	5.49	--
MW-301	12/16/13	11:20	12.15	6.95	--	NP	5.20	--
MW-301	03/26/14	9:05	12.15	6.46	--	NP	5.69	--
MW-301	06/16/14	14:45	12.15	7.40	--	NP	4.75	--
MW-301	09/29/14	15:05	12.15	6.59	--	NP	5.56	--
MW-301	12/08/14	12:58	12.15	5.73	--	NP	6.42	--
MW-301	03/23/15	15:01	12.15	7.00	--	NP	5.15	--
MW-301	06/22/15	15:54	12.15	7.39	--	NP	4.76	--
MW-301	10/27/16	10:15	12.15	6.21	--	NP	5.94	--
MW-301	07/24/17	--	--	--	--	--	--	Not part of the monitoring network
MW-500	10/20/08	16:32	16.64	8.71	--	NP	7.93	--
MW-500	12/08/08	11:45	16.64	5.16	--	NP	11.48	--
MW-500	02/20/09	10:46	16.64	4.51	--	NP	12.13	--
MW-500	04/20/09	10:19	16.64	3.54	--	NP	13.10	--
MW-500	06/22/09	11:28	16.64	5.18	--	NP	11.46	--
MW-500	08/03/09	10:20	16.64	6.15	--	NP	10.49	--
MW-500	08/17/09	9:48	16.64	6.51	--	NP	10.13	--
MW-500	10/29/09	9:05	16.64	4.94	--	NP	11.70	--
MW-500	01/18/10	13:16	16.64	1.69	--	NP	14.95	--
MW-500	04/19/10	15:50	16.64	3.77	--	NP	12.87	--
MW-500	07/19/10	7:45	16.64	5.39	--	NP	11.25	--
MW-500	10/25/10	14:35	16.64	5.51	--	NP	11.13	--
MW-500	03/21/11	12:54	16.64	2.20	--	NP	14.44	--
MW-500	06/14/11	11:17	16.64	4.71	--	NP	11.93	--
MW-500	09/26/11	11:00	16.64	6.94	--	NP	9.70	--
MW-500	12/12/11	13:00	16.64	4.39	--	NP	12.25	--
MW-500	03/27/12	14:36	16.64	2.61	--	NP	14.03	--
MW-500	06/27/12	17:35	16.64	4.65	--	NP	11.99	--
MW-500	09/25/12	8:17	16.64	6.57	--	NP	10.07	--
MW-500	12/13/12	10:28	16.64	2.27	--	NP	14.37	--
MW-500	03/25/13	10:50	16.64	3.54	--	NP	13.10	--
MW-500	06/24/13	12:20	16.64	5.61	--	NP	11.03	--
MW-500	09/23/13	14:07	16.64	6.22	--	NP	10.42	--
MW-500	12/16/13	10:50	16.64	5.20	--	NP	11.44	--
MW-500	03/26/14	8:46	16.64	2.63	--	NP	14.01	--
MW-500	06/16/14	13:44	16.64	5.48	--	NP	11.16	--
MW-500	09/29/14	15:40	16.64	6.55	--	NP	10.09	--
MW-500	12/08/14	13:05	16.64	3.05	--	NP	13.59	--
MW-500	03/23/15	14:07	16.64	3.18	--	NP	13.46	--
MW-500	06/22/15	14:58	16.64	5.95	--	NP	10.69	--
MW-500	10/27/16	9:45	16.64	2.00	--	NP	14.64	--
MW-500	07/24/17	11:58	16.64	5.85	--	NP	10.79	--
MW-501	10/20/08	16:30	15.24	7.27	--	NP	7.97	--
MW-501	12/08/08	11:43	15.24	5.20	--	NP	10.04	--
MW-501	02/20/09	10:44	15.24	3.43	--	NP	11.81	--

Table 1
 Groundwater Elevation Data
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
MW-501	04/20/09	10:17	15.24	2.50	--	NP	12.74	--
MW-501	06/22/09	11:31	15.24	3.98	--	NP	11.26	--
MW-501	08/03/09	10:22	15.24	4.95	--	NP	10.29	--
MW-501	08/17/09	9:46	15.24	5.51	--	NP	9.73	--
MW-501	10/29/09	9:02	15.24	3.01	--	NP	12.23	--
MW-501	01/18/10	13:23	15.24	0.56	--	NP	14.68	--
MW-501	04/19/10	15:48	15.24	2.54	--	NP	12.70	--
MW-501	07/19/10	7:44	15.24	4.36	--	NP	10.88	--
MW-501	10/25/10	14:35	15.24	4.57	--	NP	10.67	--
MW-501	03/21/11	12:48	15.24	1.31	--	NP	13.93	--
MW-501	06/14/11	11:12	15.24	3.51	--	NP	11.73	--
MW-501	09/26/11	11:12	15.24	6.01	--	NP	9.23	--
MW-501	12/12/11	12:56	15.24	3.28	--	NP	11.96	--
MW-501	03/27/12	14:53	15.24	1.79	--	NP	13.45	--
MW-501	06/27/12	17:47	15.24	3.38	--	NP	11.86	--
MW-501	09/25/12	8:15	15.24	5.78	--	NP	9.46	--
MW-501	12/13/12	10:25	15.24	1.36	--	NP	13.88	--
MW-501	03/25/13	10:54	15.24	2.35	--	NP	12.89	--
MW-501	06/24/13	12:18	15.24	4.24	--	NP	11.00	--
MW-501	09/23/13	14:08	15.24	5.52	--	NP	9.72	--
MW-501	12/16/13	11:25	15.24	4.01	--	NP	11.23	--
MW-501	03/26/14	8:41	15.24	1.75	--	NP	13.49	--
MW-501	06/16/14	13:53	15.24	4.12	--	NP	11.12	--
MW-501	09/29/14	15:47	15.24	6.49	--	NP	8.75	--
MW-501	12/08/14	12:50	15.24	2.20	--	NP	13.04	--
MW-501	03/23/15	14:41	15.24	2.45	--	NP	12.79	--
MW-501	06/22/15	14:59	15.24	4.85	--	NP	10.39	--
MW-501	10/27/16	9:54	15.24	1.39	--	NP	13.85	--
MW-501	07/24/17	12:02	15.24	4.67	--	NP	10.57	--
MW-502	10/20/08	16:25	13.00	5.41	--	NP	7.59	--
MW-502	12/08/08	11:20	13.00	5.16	--	NP	7.84	--
MW-502	02/20/09	10:24	13.00	5.03	--	NP	7.97	--
MW-502	04/20/09	10:40	13.00	4.98	--	NP	8.02	--
MW-502	06/22/09	11:49	13.00	5.35	--	NP	7.65	--
MW-502	08/03/09	11:34	13.00	5.53	--	NP	7.47	--
MW-502	08/17/09	9:39	13.00	5.56	--	NP	7.44	--
MW-502	10/29/09	9:40	13.00	5.03	--	NP	7.97	--
MW-502	01/18/10	13:55	13.00	3.78	--	NP	9.22	--
MW-502	04/19/10	15:42	13.00	4.47	--	NP	8.53	--
MW-502	07/19/10	7:24	13.00	5.25	--	NP	7.75	--
MW-502	10/25/10	14:15	13.00	5.20	--	NP	7.80	--
MW-502	03/21/11	12:43	13.00	4.05	--	NP	8.95	--
MW-502	06/14/11	11:05	13.00	4.90	--	NP	8.10	--
MW-502	09/26/11	11:10	13.00	5.46	--	NP	7.54	--
MW-502	12/12/11	13:26	13.00	4.91	--	NP	8.09	--
MW-502	03/27/12	14:26	13.00	4.32	--	NP	8.68	--
MW-502	06/27/12	17:24	13.00	4.93	--	NP	8.07	--
MW-502	09/25/12	8:01	13.00	6.50	--	NP	6.50	--
MW-502	12/13/12	10:22	13.00	4.31	--	NP	8.69	--
MW-502	03/25/13	10:31	13.00	4.71	--	NP	8.29	--
MW-502	06/24/13	12:38	13.00	5.20	--	NP	7.80	--
MW-502	09/23/13	14:20	13.00	5.22	--	NP	7.78	--
MW-502	12/16/13	10:39	13.00	5.27	--	NP	7.73	--
MW-502	03/26/14	8:24	13.00	4.38	--	NP	8.62	--
MW-502	06/16/14	13:50	13.00	5.10	--	NP	7.90	--
MW-502	09/29/14	15:39	13.00	5.20	--	NP	7.80	--
MW-502	12/08/14	12:37	13.00	4.51	--	NP	8.49	--
MW-502	03/23/15	14:27	13.00	4.50	--	NP	8.50	--
MW-502	06/22/15	15:55	13.00	5.28	--	NP	7.72	--
MW-502	10/27/16	10:05	13.00	4.80	--	NP	8.20	--
MW-502	07/24/17	11:51	13.00	5.35	--	NP	7.65	--
MW-503	10/20/08	16:23	12.22	5.75	--	NP	6.47	--
MW-503	12/08/08	11:23	12.22	5.42	--	NP	6.80	--
MW-503	02/20/09	10:21	12.22	5.25	--	NP	6.97	--
MW-503	04/20/09	10:42	12.22	5.00	--	NP	7.22	--
MW-503	06/22/09	11:48	12.22	5.56	--	NP	6.66	--
MW-503	08/03/09	11:33	12.22	5.75	--	NP	6.47	--
MW-503	08/17/09	9:37	12.22	5.76	--	NP	6.46	--
MW-503	10/29/09	9:39	12.22	5.00	--	NP	7.22	--
MW-503	01/18/10	13:54	12.22	3.66	--	NP	8.56	--
MW-503	04/19/10	15:40	12.22	4.69	--	NP	7.53	--
MW-503	07/19/10	7:26	12.22	5.45	--	NP	6.77	--
MW-503	10/25/10	14:12	12.22	5.19	--	NP	7.03	--

Table 1
 Groundwater Elevation Data
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
MW-503	03/21/11	12:42	12.22	4.10	--	NP	8.12	--
MW-503	06/14/11	11:01	12.22	5.10	--	NP	7.12	--
MW-503	09/26/11	11:07	12.22	5.55	--	NP	6.67	--
MW-503	12/12/11	13:30	12.22	5.07	--	NP	7.15	--
MW-503	03/27/12	14:24	12.22	4.47	--	NP	7.75	--
MW-503	06/27/12	17:22	12.22	5.05	--	NP	7.17	--
MW-503	09/25/12	7:59	12.22	5.61	--	NP	6.61	--
MW-503	12/13/12	10:20	12.22	4.40	--	NP	7.82	--
MW-503	03/25/13	10:35	12.22	4.83	--	NP	7.39	--
MW-503	06/24/13	11:54	12.22	5.33	--	NP	6.89	--
MW-503	09/23/13	14:35	12.22	5.26	--	NP	6.96	--
MW-503	12/16/13	10:35	12.22	5.40	--	NP	6.82	--
MW-503	03/26/14	8:22	12.22	4.56	--	NP	7.66	--
MW-503	06/16/14	13:48	12.22	5.22	--	NP	7.00	--
MW-503	09/29/14	15:41	12.22	5.13	--	NP	7.09	--
MW-503	12/08/14	12:35	12.22	4.55	--	NP	7.67	--
MW-503	03/23/15	14:10	12.22	5.09	--	NP	7.13	--
MW-503	06/22/15	15:57	12.22	5.32	--	NP	6.90	--
MW-503	10/27/16	10:06	12.22	4.22	--	NP	8.00	--
MW-503	07/24/17	11:53	12.22	5.38	--	NP	6.84	Well damaged
MW-504	10/20/08	16:14	13.32	7.01	--	NP	6.31	--
MW-504	12/08/08	11:26	13.32	6.63	--	NP	6.69	--
MW-504	02/20/09	10:16	13.32	6.46	--	NP	6.86	--
MW-504	04/20/09	10:03	13.32	6.25	--	NP	7.07	--
MW-504	06/22/09	11:42	13.32	6.81	--	NP	6.51	--
MW-504	08/03/09	11:29	13.32	7.00	--	NP	6.32	--
MW-504	08/17/09	9:35	13.32	7.05	--	NP	6.27	--
MW-504	10/29/09	9:26	13.32	6.28	--	NP	7.04	--
MW-504	01/18/10	13:53	13.32	4.90	--	NP	8.42	--
MW-504	04/19/10	15:37	13.32	5.99	--	NP	7.33	--
MW-504	07/19/10	7:28	13.32	6.80	--	NP	6.52	--
MW-504	10/25/10	14:10	13.32	6.66	--	NP	6.66	--
MW-504	03/21/11	12:40	13.32	5.48	--	NP	7.84	--
MW-504	06/14/11	10:57	13.32	6.48	--	NP	6.84	--
MW-504	09/26/11	11:05	13.32	7.09	--	NP	6.23	--
MW-504	12/12/11	12:07	13.32	6.42	--	NP	6.90	--
MW-504	03/27/12	14:22	13.32	5.84	--	NP	7.48	--
MW-504	06/27/12	17:20	13.32	6.40	--	NP	6.92	--
MW-504	09/25/12	7:57	13.32	7.07	--	NP	6.25	--
MW-504	12/13/12	10:18	13.32	5.80	--	NP	7.52	--
MW-504	03/25/13	10:33	13.32	6.22	--	NP	7.10	--
MW-504	06/24/13	11:57	13.32	6.80	--	NP	6.52	--
MW-504	09/23/13	13:55	13.32	6.67	--	NP	6.65	--
MW-504	12/16/13	10:37	13.32	6.85	--	NP	6.47	--
MW-504	03/26/14	8:21	13.32	6.00	--	NP	7.32	--
MW-504	06/16/14	13:46	13.32	6.69	--	NP	6.63	--
MW-504	09/29/14	15:45	13.32	6.61	--	NP	6.71	--
MW-504	12/08/14	12:33	13.32	5.64	--	NP	7.68	--
MW-504	03/23/15	13:57	13.32	6.05	--	NP	7.27	--
MW-504	06/22/15	15:59	13.32	5.32	--	NP	8.00	--
MW-504	10/27/16	9:13	13.32	5.52	--	NP	7.80	--
MW-504	07/24/17	12:00	13.32	6.85	--	NP	6.47	--
MW-505	10/20/08	16:11	11.42	5.10	--	NP	6.32	--
MW-505	12/08/08	11:13	11.42	4.72	--	NP	6.70	--
MW-505	02/20/09	10:18	11.42	4.53	--	NP	6.89	--
MW-505	04/20/09	10:02	11.42	4.32	--	NP	7.10	--
MW-505	06/22/09	11:39	11.42	4.90	--	NP	6.52	--
MW-505	08/03/09	11:28	11.42	5.11	--	NP	6.31	--
MW-505	08/17/09	9:33	11.42	5.13	--	NP	6.29	--
MW-505	10/29/09	9:25	11.42	4.37	--	NP	7.05	--
MW-505	01/18/10	13:52	11.42	2.99	--	NP	8.43	--
MW-505	04/19/10	15:35	11.42	4.08	--	NP	7.34	--
MW-505	07/19/10	7:31	11.42	5.89	--	NP	5.53	--
MW-505	10/25/10	14:08	11.42	4.73	--	NP	6.69	--
MW-505	03/21/11	12:39	11.42	3.45	--	NP	7.97	--
MW-505	06/14/11	10:58	11.42	4.58	--	NP	6.84	--
MW-505	09/26/11	10:54	11.42	5.14	--	NP	6.28	--
MW-505	12/12/11	12:09	11.42	4.50	--	NP	6.92	--
MW-505	03/27/12	14:11	11.42	3.94	--	NP	7.48	--
MW-505	06/27/12	17:16	11.42	4.49	--	NP	6.93	--
MW-505	09/25/12	7:55	11.42	5.13	--	NP	6.29	--
MW-505	12/13/12	10:15	11.42	3.88	--	NP	7.54	--
MW-505	03/25/13	10:31	11.42	4.30	--	NP	7.12	--

Table 1
 Groundwater Elevation Data
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
MW-505	06/24/13	11:52	11.42	4.84	--	NP	6.58	--
MW-505	09/23/13	13:53	11.42	4.76	--	NP	6.66	--
MW-505	12/16/13	10:27	11.42	4.91	--	NP	6.51	--
MW-505	03/26/14	8:17	11.42	4.10	--	NP	7.32	--
MW-505	06/16/14	13:44	11.42	4.75	--	NP	6.67	--
MW-505	09/29/14	15:47	11.42	4.69	--	NP	6.73	--
MW-505	12/08/14	12:30	11.42	4.10	--	NP	7.32	--
MW-505	03/23/15	13:56	11.42	4.13	--	NP	7.29	--
MW-505	06/22/15	16:01	11.42	4.88	--	NP	6.54	--
MW-505	10/27/16	9:14	11.42	3.63	--	NP	7.79	--
MW-505	07/24/17	12:17	11.42	4.92	--	NP	6.50	--
MW-506	10/20/08	16:16	13.44	7.13	--	NP	6.31	--
MW-506	12/08/08	11:29	13.44	6.75	--	NP	6.69	--
MW-506	02/20/09	10:13	13.44	6.60	--	NP	6.84	--
MW-506	04/20/09	10:08	13.44	6.37	--	NP	7.07	--
MW-506	06/22/09	11:44	13.44	6.93	--	NP	6.51	--
MW-506	08/03/09	11:30	13.44	7.13	--	NP	6.31	--
MW-506	08/17/09	9:31	13.44	7.17	--	NP	6.27	--
MW-506	10/29/09	9:28	13.44	6.39	--	NP	7.05	--
MW-506	01/18/10	13:47	13.44	5.02	--	NP	8.42	--
MW-506	04/19/10	15:30	13.44	6.10	--	NP	7.34	--
MW-506	07/19/10	7:37	13.44	6.91	--	NP	6.53	--
MW-506	10/25/10	14:10	13.44	6.75	--	NP	6.69	--
MW-506	03/21/11	12:40	13.44	5.50	--	NP	7.94	--
MW-506	06/14/11	10:48	13.44	6.59	--	NP	6.85	--
MW-506	09/26/11	11:00	13.44	7.13	--	NP	6.31	--
MW-506	12/12/11	12:14	13.44	6.56	--	NP	6.88	--
MW-506	03/27/12	14:15	13.44	5.93	--	NP	7.51	--
MW-506	06/27/12	17:20	13.44	6.51	--	NP	6.93	--
MW-506	09/25/12	7:52	13.44	7.15	--	NP	6.29	--
MW-506	12/13/12	10:10	13.44	5.89	--	NP	7.55	--
MW-506	03/25/13	10:33	13.44	6.33	--	NP	7.11	--
MW-506	06/24/13	12:03	13.44	6.88	--	NP	6.56	--
MW-506	09/23/13	13:57	13.44	6.76	--	NP	6.68	--
MW-506	12/16/13	10:28	13.44	6.93	--	NP	6.51	--
MW-506	03/26/14	9:12	13.44	6.09	--	NP	7.35	--
MW-506	06/16/14	13:48	13.44	6.79	--	NP	6.65	--
MW-506	09/29/14	13:54	13.44	6.71	--	NP	6.73	--
MW-506	12/08/14	12:45	13.44	6.07	--	NP	7.37	--
MW-506	03/23/15	14:03	13.44	6.15	--	NP	7.29	--
MW-506	06/22/15	15:25	13.44	6.89	--	NP	6.55	--
MW-506	10/27/16	9:48	13.44	5.62	--	NP	7.82	--
MW-506	07/24/17	12:01	13.44	6.91	--	NP	6.53	--
MW-507	10/20/08	16:09	13.60	7.38	--	NP	6.22	--
MW-507	12/08/08	11:11	13.60	7.09	--	NP	6.51	--
MW-507	02/20/09	10:11	13.60	6.91	--	NP	6.69	--
MW-507	04/20/09	10:00	13.60	6.70	--	NP	6.90	--
MW-507	06/22/09	11:37	13.60	7.23	--	NP	6.37	--
MW-507	08/03/09	11:27	13.60	7.41	--	NP	6.19	--
MW-507	08/17/09	9:29	13.60	7.45	--	NP	6.15	--
MW-507	10/29/09	9:23	13.60	6.70	--	NP	6.90	--
MW-507	01/18/10	13:48	13.60	5.49	--	NP	8.11	--
MW-507	04/19/10	15:29	13.60	6.40	--	NP	7.20	--
MW-507	07/19/10	7:36	13.60	7.14	--	NP	6.46	--
MW-507	10/25/10	14:09	13.60	6.90	--	NP	6.70	--
MW-507	03/21/11	12:38	13.60	5.86	--	NP	7.74	--
MW-507	06/14/11	10:44	13.60	6.95	--	NP	6.65	--
MW-507	09/26/11	11:01	13.60	7.40	--	NP	6.20	--
MW-507	12/12/11	12:17	13.60	6.81	--	NP	6.79	--
MW-507	03/27/12	14:10	13.60	6.23	--	NP	7.37	--
MW-507	06/27/12	17:17	13.60	6.79	--	NP	6.81	--
MW-507	09/25/12	7:49	13.60	7.38	--	NP	6.22	--
MW-507	12/13/12	10:12	13.60	6.19	--	NP	7.41	--
MW-507	03/25/13	10:31	13.60	6.56	--	NP	7.04	--
MW-507	06/24/13	12:02	13.60	7.05	--	NP	6.55	--
MW-507	09/23/13	13:52	13.60	7.03	--	NP	6.57	--
MW-507	12/16/13	10:26	13.60	7.15	--	NP	6.45	--
MW-507	03/26/14	8:40	13.60	6.41	--	NP	7.19	--
MW-507	06/16/14	13:46	13.60	7.01	--	NP	6.59	--
MW-507	09/29/14	13:53	13.60	6.92	--	NP	6.68	--
MW-507	12/08/14	12:41	13.60	6.35	--	NP	7.25	--
MW-507	03/23/15	13:54	13.60	6.47	--	NP	7.13	--
MW-507	06/22/15	15:26	13.60	7.17	--	NP	6.43	--

Table 1
Groundwater Elevation Data
Former Unocal Terminal
11720 Unoco Road
Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
MW-507	10/27/16	9:47	13.60	5.84	--	NP	7.76	--
MW-507	07/24/17	12:05	13.60	7.07	--	NP	6.53	--
MW-508	10/20/08	16:07	13.31	7.16	--	NP	6.15	--
MW-508	12/08/08	11:09	13.31	6.33	--	NP	6.98	--
MW-508	02/20/09	10:08	13.31	6.70	--	NP	6.61	--
MW-508	04/20/09	9:59	13.31	6.40	--	NP	6.91	--
MW-508	06/22/09	11:35	13.31	6.94	--	NP	6.37	--
MW-508	08/03/09	11:26	13.31	7.15	--	NP	6.16	--
MW-508	08/17/09	9:28	13.31	7.20	--	NP	6.11	--
MW-508	10/29/09	9:22	13.31	6.55	--	NP	6.76	--
MW-508	01/18/10	13:49	13.31	5.13	--	NP	8.18	--
MW-508	04/19/10	15:27	13.31	6.11	--	NP	7.20	--
MW-508	07/19/10	7:33	13.31	6.88	--	NP	6.43	--
MW-508	10/25/10	14:07	13.31	6.58	--	NP	6.73	--
MW-508	03/21/11	12:36	13.31	5.51	--	NP	7.80	--
MW-508	06/14/11	10:40	13.31	6.70	--	NP	6.61	--
MW-508	09/26/11	10:57	13.31	7.18	--	NP	6.13	--
MW-508	12/12/11	12:21	13.31	6.55	--	NP	6.76	--
MW-508	03/29/12	14:06	13.31	5.92	--	NP	7.39	--
MW-508	06/27/12	18:18	13.31	6.42	--	NP	6.89	--
MW-508	09/25/12	7:45	13.31	7.11	--	NP	6.20	--
MW-508	12/13/12	10:40	13.31	5.85	--	NP	7.46	--
MW-508	03/25/13	10:29	13.31	6.24	--	NP	7.07	--
MW-508	06/24/13	11:50	13.31	6.73	--	NP	6.58	--
MW-508	09/23/13	13:49	13.31	6.82	--	NP	6.49	--
MW-508	12/16/13	10:25	13.31	6.95	--	NP	6.36	--
MW-508	03/26/14	9:30	13.31	5.90	--	NP	7.41	--
MW-508	06/16/14	13:42	13.31	6.68	--	NP	6.63	--
MW-508	09/29/14	13:51	13.31	6.69	--	NP	6.62	--
MW-508	12/08/14	12:37	13.31	6.03	--	NP	7.28	--
MW-508	03/23/15	13:51	13.31	6.17	--	NP	7.14	--
MW-508	06/22/15	15:31	13.31	6.93	--	NP	6.38	--
MW-508	10/27/16	9:45	13.31	5.40	--	NP	7.91	--
MW-508	07/24/17	12:06	13.31	6.81	--	NP	6.50	--
MW-509	10/20/08	16:05	10.28	3.97	--	NP	6.31	--
MW-509	12/08/08	11:07	10.28	3.59	--	NP	6.69	--
MW-509	02/20/09	10:06	10.28	3.39	--	NP	6.89	--
MW-509	04/20/09	9:36	10.28	3.18	--	NP	7.10	--
MW-509	06/22/09	11:33	10.28	3.75	--	NP	6.53	--
MW-509	08/03/09	11:11	10.28	3.95	--	NP	6.33	--
MW-509	08/17/09	9:27	10.28	6.97	--	NP	3.31	--
MW-509	10/29/09	9:10	10.28	3.23	--	NP	7.05	--
MW-509	01/18/10	13:50	10.28	1.85	--	NP	8.43	--
MW-509	04/19/10	15:26	10.28	2.93	--	NP	7.35	--
MW-509	07/19/10	7:18	10.28	3.77	--	NP	6.51	--
MW-509	10/25/10	14:49	10.28	4.59	--	NP	5.69	--
MW-509	03/21/11	12:30	10.28	2.34	--	NP	7.94	--
MW-509	06/14/11	10:17	10.28	3.43	--	NP	6.85	--
MW-509	09/26/11	10:55	10.28	4.20	--	NP	6.08	--
MW-509	12/12/11	12:27	10.28	3.36	--	NP	6.92	--
MW-509	03/27/12	13:57	10.28	2.78	--	NP	7.50	--
MW-509	06/27/12	17:06	10.28	3.33	--	NP	6.95	--
MW-509	09/25/12	7:42	10.28	4.00	--	NP	6.28	--
MW-509	12/13/12	10:13	10.28	2.73	--	NP	7.55	--
MW-509	03/25/13	10:26	10.28	3.18	--	NP	7.10	--
MW-509	06/24/13	11:34	10.28	3.37	--	NP	6.91	--
MW-509	09/23/13	13:50	10.28	3.62	--	NP	6.66	--
MW-509	12/16/13	11:25	10.28	3.80	--	NP	6.48	--
MW-509	03/26/14	8:24	10.28	2.93	--	NP	7.35	--
MW-509	06/16/14	13:36	10.28	3.64	--	NP	6.64	--
MW-509	09/29/14	14:30	10.28	3.56	--	NP	6.72	--
MW-509	12/08/14	12:05	10.28	2.92	--	NP	7.36	--
MW-509	03/23/15	13:47	10.28	2.98	--	NP	7.30	--
MW-509	06/25/15	11:41	10.28	3.74	--	NP	6.54	--
MW-509	10/27/16	9:17	10.28	2.48	--	NP	7.80	--
MW-509	07/24/17	11:53	10.28	3.80	--	NP	6.48	--
MW-510	10/20/08	16:03	12.53	6.47	--	NP	6.06	--
MW-510	12/08/08	10:49	12.53	6.45	--	NP	6.08	--
MW-510	02/20/09	9:51	12.53	6.35	--	NP	6.18	--
MW-510	04/20/09	9:46	12.53	6.72	--	NP	5.81	--
MW-510	06/22/09	11:31	12.53	7.05	--	NP	5.48	--
MW-510	08/03/09	11:15	12.53	7.08	--	<0.01	5.45	Sheen observed on probe, sheen observed on purge water
MW-510	08/17/09	9:24	12.53	7.29	--	<0.01	5.24	Film observed during gauging

Table 1
Groundwater Elevation Data
Former Unocal Terminal
11720 Unoco Road
Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
MW-510	10/29/09	9:31	12.53	6.72	6.71	0.01	5.82	See **
MW-510	01/18/10	13:31	12.53	4.98	4.85	0.13	7.65	See **
MW-510	04/19/10	15:04	12.53	6.40	6.38	0.02	6.15	See **
MW-510	07/19/10	7:40	12.53	7.04	7.00	0.04	5.52	See **
MW-510	10/25/10	14:49	12.53	6.04	6.02	0.02	6.51	See **
MW-510	03/21/11	13:25	12.53	5.81	5.80	0.01	6.73	See **
MW-510	06/14/11	12:11	12.53	7.08	--	NP	5.45	--
MW-510	09/26/11	12:47	12.53	6.96	6.94	0.02	5.59	See **
MW-510	12/12/11	12:26	12.53	6.41	--	NP	6.12	--
MW-510	03/27/12	14:03	12.53	5.96	--	NP	6.57	--
MW-510	06/27/12	16:41	12.53	6.42	6.41	0.01	6.12	See **
MW-510	09/25/12	8:19	12.53	7.11	7.10	0.01	5.43	See **
MW-510	12/13/12	11:11	12.53	5.50	--	<0.01	7.03	Film observed during gauging, sheen observed on purge water
MW-510	03/25/13	10:16	12.53	6.34	--	<0.01	6.19	Film observed during gauging, sheen observed on purge water
MW-510	06/24/13	12:11	12.53	6.61	--	<0.01	5.92	Film observed during gauging, confirmed with bailer
MW-510	09/23/13	13:40	12.53	6.30	--	NP	6.23	--
MW-510	12/16/13	10:38	12.53	6.60	--	<0.01	5.93	Film observed during gauging, confirmed with bailer
MW-510	03/26/14	8:27	12.53	5.63	--	<0.01	6.90	Film observed during gauging, confirmed with bailer
MW-510	06/16/14	14:50	12.53	6.61	--	<0.01	5.92	Film observed during gauging
MW-510	09/29/14	14:18	12.53	6.26	--	<0.01	6.27	Film observed during gauging
MW-510	12/08/14	11:56	12.53	5.51	--	NP	7.02	--
MW-510	03/23/15	13:32	12.53	5.82	--	NP	6.71	--
MW-510	06/22/15	14:36	12.53	6.75	--	NP	5.78	--
MW-510	10/27/16	9:22	12.53	4.67	--	NP	7.86	--
MW-510	07/24/17	13:00	12.53	6.60	--	NP	5.93	--
MW-511	10/20/08	16:49	15.20	7.75	--	NP	7.45	--
MW-511	12/08/08	12:05	15.20	7.45	--	NP	7.75	--
MW-511	02/20/09	10:13	15.20	7.34	--	NP	7.86	--
MW-511	04/20/09	10:44	15.20	7.09	--	NP	8.11	--
MW-511	06/22/09	11:16	15.20	7.66	--	NP	7.54	--
MW-511	08/03/09	10:40	15.20	7.89	--	NP	7.31	--
MW-511	08/17/09	9:17	15.20	7.87	--	NP	7.33	--
MW-511	10/29/09	9:10	15.20	7.30	--	NP	7.90	--
MW-511	01/18/10	13:36	15.20	6.06	--	NP	9.14	--
MW-511	04/19/10	16:10	15.20	6.83	--	NP	8.37	--
MW-511	07/19/10	7:18	15.20	7.59	--	NP	7.61	--
MW-511	10/25/10	14:50	15.20	7.51	--	NP	7.69	--
MW-511	03/21/11	13:06	15.20	6.37	--	NP	8.83	--
MW-511	06/14/11	11:38	15.20	7.29	--	NP	7.91	--
MW-511	09/26/11	11:08	15.20	7.88	--	NP	7.32	--
MW-511	12/12/11	13:27	15.20	7.20	--	NP	8.00	--
MW-511	03/27/12	14:55	15.20	6.62	--	NP	8.58	--
MW-511	06/27/12	17:39	15.20	7.27	--	NP	7.93	--
MW-511	09/25/12	8:27	15.20	7.85	--	NP	7.35	--
MW-511	12/13/12	10:44	15.20	6.59	--	NP	8.61	--
MW-511	03/25/13	10:59	15.20	7.05	--	NP	8.15	--
MW-511	06/24/13	11:32	15.20	7.60	--	NP	7.60	--
MW-511	09/23/13	13:29	15.20	7.59	--	NP	7.61	--
MW-511	12/16/13	11:27	15.20	7.60	--	NP	7.60	--
MW-511	03/26/14	8:24	15.20	6.74	--	NP	8.46	--
MW-511	06/16/14	13:35	15.20	7.50	--	NP	7.70	--
MW-511	09/29/14	15:16	15.20	7.59	--	NP	7.61	--
MW-511	12/08/14	11:50	15.20	6.89	--	NP	8.31	--
MW-511	03/23/15	13:29	15.20	6.86	--	NP	8.34	--
MW-511	06/22/15	15:42	15.20	7.70	--	NP	7.50	--
MW-511	10/27/16	9:10	15.20	7.38	--	NP	7.82	--
MW-511	07/24/17	11:49	15.20	8.06	--	NP	7.14	--
MW-512	10/20/08	16:04	13.19	6.90	--	NP	6.29	--
MW-512	12/08/08	10:37	13.19	6.51	--	NP	6.68	--
MW-512	02/20/09	10:10	13.19	6.30	--	NP	6.89	--
MW-512	04/20/09	9:28	13.19	6.12	--	NP	7.07	--
MW-512	06/22/09	11:18	13.19	7.68	--	NP	5.51	--
MW-512	08/03/09	11:09	13.19	6.86	--	NP	6.33	--
MW-512	08/17/09	9:18	13.19	6.91	--	NP	6.28	--
MW-512	10/29/09	9:07	13.19	6.15	--	NP	7.04	--
MW-512	01/18/10	13:34	13.19	4.78	--	NP	8.41	--
MW-512	04/19/10	14:48	13.19	5.85	--	NP	7.34	--
MW-512	07/19/10	7:16	13.19	6.67	--	NP	6.52	--
MW-512	10/25/10	13:48	13.19	6.51	--	NP	6.68	--
MW-512	03/21/11	12:22	13.19	5.26	--	NP	7.93	--
MW-512	06/14/11	10:16	13.19	6.35	--	NP	6.84	--
MW-512	09/26/11	11:53	13.19	6.95	--	NP	6.24	--
MW-512	12/12/11	11:59	13.19	6.29	--	NP	6.90	--

Table 1
 Groundwater Elevation Data
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
MW-512	03/27/12	13:52	13.19	5.72	--	NP	7.47	--
MW-512	06/27/12	17:00	13.19	6.27	--	NP	6.92	--
MW-512	09/25/12	7:30	13.19	6.93	--	NP	6.26	--
MW-512	12/13/12	10:15	13.19	5.65	--	NP	7.54	--
MW-512	03/25/13	10:20	13.19	6.11	--	NP	7.08	--
MW-512	06/24/13	11:37	13.19	6.67	--	NP	6.52	--
MW-512	09/23/13	13:40	13.19	6.57	--	NP	6.62	--
MW-512	12/16/13	10:09	13.19	6.72	--	NP	6.47	--
MW-512	03/26/14	8:12	13.19	5.88	--	NP	7.31	--
MW-512	06/16/14	13:31	13.19	6.56	--	NP	6.63	--
MW-512	09/29/14	15:25	13.19	6.50	--	NP	6.69	--
MW-512	12/08/14	11:55	13.19	5.90	--	NP	7.29	--
MW-512	03/23/15	13:32	13.19	5.91	--	NP	7.28	--
MW-512	06/22/15	15:38	13.19	6.70	--	NP	6.49	--
MW-512	10/27/16	9:09	13.19	5.40	--	NP	7.79	--
MW-512	07/24/17	12:25	13.19	6.73	--	NP	6.46	--
MW-513	10/20/08	16:01	11.09	4.78	--	NP	6.31	--
MW-513	12/08/08	10:41	11.09	4.40	--	NP	6.69	--
MW-513	02/20/09	10:07	11.09	4.19	--	NP	6.90	--
MW-513	04/20/09	9:30	11.09	4.00	--	NP	7.09	--
MW-513	06/22/09	11:21	11.09	4.58	--	NP	6.51	--
MW-513	08/03/09	11:08	11.09	4.78	--	NP	6.31	--
MW-513	08/17/09	9:21	11.09	4.80	--	NP	6.29	--
MW-513	10/29/09	9:13	11.09	4.04	--	NP	7.05	--
MW-513	01/18/10	13:37	11.09	2.67	--	NP	8.42	--
MW-513	04/19/10	14:51	11.09	3.75	--	NP	7.34	--
MW-513	07/19/10	7:12	11.09	4.57	--	NP	6.52	--
MW-513	10/25/10	13:44	11.09	4.42	--	NP	6.67	--
MW-513	03/21/11	12:25	11.09	3.18	--	NP	7.91	--
MW-513	06/14/11	10:12	11.09	4.25	--	NP	6.84	--
MW-513	09/26/11	10:54	11.09	4.83	--	NP	6.26	--
MW-513	12/12/11	11:57	11.09	4.19	--	NP	6.90	--
MW-513	03/27/12	13:56	11.09	3.60	--	NP	7.49	--
MW-513	06/27/12	16:58	11.09	4.15	--	NP	6.94	--
MW-513	09/25/12	7:35	11.09	4.82	--	NP	6.27	--
MW-513	12/13/12	10:13	11.09	3.56	--	NP	7.53	--
MW-513	03/25/13	10:16	11.09	3.90	--	NP	7.19	--
MW-513	06/24/13	11:40	11.09	4.55	--	NP	6.54	--
MW-513	09/23/13	13:46	11.09	4.47	--	NP	6.62	--
MW-513	12/16/13	10:12	11.09	4.62	--	NP	6.47	--
MW-513	03/26/14	8:14	11.09	3.77	--	NP	7.32	--
MW-513	06/16/14	13:41	11.09	4.46	--	NP	6.63	--
MW-513	09/29/14	15:29	11.09	4.38	--	NP	6.71	--
MW-513	12/08/14	12:00	11.09	3.74	--	NP	7.35	--
MW-513	03/23/15	13:35	11.09	3.81	--	NP	7.28	--
MW-513	06/22/15	15:31	11.09	4.58	--	NP	6.51	--
MW-513	10/27/16	9:08	11.09	3.30	--	NP	7.79	--
MW-513	07/24/17	12:01	11.09	4.62	--	NP	6.47	--
MW-514	10/20/08	16:02	11.39	5.09	--	NP	6.30	--
MW-514	12/08/08	10:35	11.39	4.70	--	NP	6.69	--
MW-514	02/20/09	10:08	11.39	4.19	--	NP	7.20	--
MW-514	04/20/09	9:28	11.39	4.31	--	NP	7.08	--
MW-514	06/22/09	11:19	11.39	4.88	--	NP	6.51	--
MW-514	08/03/09	11:07	11.39	5.08	--	NP	6.31	--
MW-514	08/17/09	9:19	11.39	5.11	--	NP	6.28	--
MW-514	10/29/09	9:06	11.39	4.35	--	NP	7.04	--
MW-514	01/18/10	13:33	11.39	2.98	--	NP	8.41	--
MW-514	04/19/10	14:46	11.39	4.05	--	NP	7.34	--
MW-514	07/19/10	7:10	11.39	4.97	--	NP	6.42	--
MW-514	10/25/10	13:41	11.39	4.71	--	NP	6.68	--
MW-514	03/21/11	12:23	11.39	3.48	--	NP	7.91	--
MW-514	06/14/11	10:14	11.39	4.56	--	NP	6.83	--
MW-514	09/26/11	10:50	11.39	5.13	--	NP	6.26	--
MW-514	12/12/11	11:55	11.39	4.49	--	NP	6.90	--
MW-514	03/27/12	13:54	11.39	3.92	--	NP	7.47	--
MW-514	06/27/12	16:56	11.39	4.47	--	NP	6.92	--
MW-514	09/25/12	7:32	11.39	5.13	--	NP	6.26	--
MW-514	12/13/12	10:14	11.39	3.84	--	NP	7.55	--
MW-514	03/25/13	9:50	11.39	7.62	--	NP	3.77	See*
MW-514	06/24/13	11:39	11.39	4.84	--	NP	6.55	--
MW-514	09/23/13	13:38	11.39	4.76	--	NP	6.63	--
MW-514	12/16/13	10:10	11.39	4.92	--	NP	6.47	--
MW-514	03/26/14	8:00	11.39	4.05	--	NP	7.34	--

Table 1
 Groundwater Elevation Data
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
MW-514	06/16/14	13:39	11.39	4.76	--	NP	6.63	--
MW-514	09/29/14	15:27	11.39	4.69	--	NP	6.70	--
MW-514	12/08/14	11:57	11.39	4.10	--	NP	7.29	--
MW-514	03/23/15	13:33	11.39	4.12	--	NP	7.27	--
MW-514	06/22/15	15:28	11.39	4.88	--	NP	6.51	--
MW-514	10/27/16	9:08	11.39	3.61	--	NP	7.78	--
MW-514	07/24/17	12:39	11.39	4.92	--	NP	6.47	--
MW-515	10/20/08	16:00	11.60	5.30	--	NP	6.30	--
MW-515	12/08/08	10:42	11.60	4.91	--	NP	6.69	--
MW-515	02/20/09	9:47	11.60	5.70	--	NP	5.90	--
MW-515	04/20/09	9:25	11.60	4.52	--	NP	7.08	--
MW-515	06/22/09	11:25	11.60	5.09	--	NP	6.51	--
MW-515	08/03/09	11:04	11.60	5.29	--	NP	6.31	--
MW-515	08/17/09	9:23	11.60	5.33	--	NP	6.27	--
MW-515	10/29/09	9:15	11.60	4.55	--	NP	7.05	--
MW-515	01/18/10	13:40	11.60	3.18	--	NP	8.42	--
MW-515	04/19/10	14:54	11.60	4.26	--	NP	7.34	--
MW-515	07/19/10	7:12	11.60	5.10	--	NP	6.50	--
MW-515	10/25/10	13:45	11.60	4.93	--	NP	6.67	--
MW-515	03/21/11	12:26	11.60	3.65	--	NP	7.95	--
MW-515	06/14/11	10:14	11.60	4.75	--	NP	6.85	--
MW-515	09/26/11	10:52	11.60	5.35	--	NP	6.25	--
MW-515	12/12/11	12:01	11.60	4.71	--	NP	6.89	--
MW-515	03/27/12	13:56	11.60	4.11	--	NP	7.49	--
MW-515	06/27/12	17:00	11.60	4.68	--	NP	6.92	--
MW-515	09/25/12	7:35	11.60	5.34	--	NP	6.26	--
MW-515	12/13/12	10:12	11.60	4.06	--	NP	7.54	--
MW-515	03/25/13	10:10	11.60	4.53	--	NP	7.07	--
MW-515	06/24/13	11:45	11.60	5.06	--	NP	6.54	--
MW-515	09/23/13	13:40	11.60	4.96	--	NP	6.64	--
MW-515	12/16/13	10:19	11.60	5.15	--	NP	6.45	--
MW-515	03/26/14	8:18	11.60	4.26	--	NP	7.34	--
MW-515	06/16/14	13:30	11.60	4.98	--	NP	6.62	--
MW-515	09/29/14	15:35	11.60	4.89	--	NP	6.71	--
MW-515	12/08/14	12:03	11.60	4.27	--	NP	7.33	--
MW-515	03/23/15	13:45	11.60	4.33	--	NP	7.27	--
MW-515	06/22/15	15:29	11.60	5.09	--	NP	6.51	--
MW-515	10/27/16	9:05	11.60	3.81	--	NP	7.79	--
MW-515	07/24/17	11:55	11.60	5.11	--	NP	6.49	--
MW-516	10/20/08	15:59	11.25	4.94	--	NP	6.31	--
MW-516	12/08/08	10:33	11.25	4.56	--	NP	6.69	--
MW-516	02/20/09	9:49	11.25	4.35	--	NP	6.90	--
MW-516	04/20/09	9:26	11.25	4.17	--	NP	7.08	--
MW-516	06/22/09	11:24	11.25	4.75	--	NP	6.50	--
MW-516	08/03/09	11:05	11.25	4.94	--	NP	6.31	--
MW-516	08/17/09	9:24	11.25	4.96	--	NP	6.29	--
MW-516	10/29/09	9:14	11.25	4.22	--	NP	7.03	--
MW-516	01/18/10	13:39	11.25	2.84	--	NP	8.41	--
MW-516	04/19/10	14:52	11.25	3.91	--	NP	7.34	--
MW-516	07/19/10	7:11	11.25	4.75	--	NP	6.50	--
MW-516	10/25/10	13:44	11.25	5.38	--	NP	5.87	--
MW-516	03/21/11	12:25	11.25	3.30	--	NP	7.95	--
MW-516	06/14/11	10:12	11.25	4.41	--	NP	6.84	--
MW-516	09/26/11	10:50	11.25	5.00	--	NP	6.25	--
MW-516	12/12/11	11:48	11.25	4.36	--	NP	6.89	--
MW-516	03/27/12	13:55	11.25	3.79	--	NP	7.46	--
MW-516	06/27/12	16:58	11.25	4.33	--	NP	6.92	--
MW-516	09/25/12	7:32	11.25	4.99	--	NP	6.26	--
MW-516	12/13/12	10:11	11.25	3.71	--	NP	7.54	--
MW-516	03/25/13	10:09	11.25	4.17	--	NP	7.08	--
MW-516	06/24/13	11:43	11.25	4.71	--	NP	6.54	--
MW-516	09/23/13	13:39	11.25	4.62	--	NP	6.63	--
MW-516	12/16/13	10:16	11.25	4.81	--	NP	6.44	--
MW-516	03/26/14	7:50	11.25	3.92	--	NP	7.33	--
MW-516	06/16/14	13:28	11.25	4.63	--	NP	6.62	--
MW-516	09/29/14	15:32	11.25	4.56	--	NP	6.69	--
MW-516	12/08/14	12:25	11.25	3.92	--	NP	7.33	--
MW-516	03/23/15	13:43	11.25	3.99	--	NP	7.26	--
MW-516	06/22/15	15:31	11.25	4.75	--	NP	6.50	--
MW-516	10/27/16	9:06	11.25	3.49	--	NP	7.76	--
MW-516	07/24/17	11:58	11.25	4.82	--	NP	6.43	--
MW-517	10/20/08	15:57	12.00	5.69	--	NP	6.31	--
MW-517	12/08/08	10:31	12.00	5.31	--	NP	6.69	--

Table 1
 Groundwater Elevation Data
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
MW-517	02/20/09	9:51	12.00	5.12	--	NP	6.88	--
MW-517	04/20/09	9:27	12.00	4.91	--	NP	7.09	--
MW-517	06/22/09	11:22	12.00	5.49	--	NP	6.51	--
MW-517	08/03/09	11:06	12.00	5.68	--	NP	6.32	--
MW-517	08/17/09	9:25	12.00	5.72	--	NP	6.28	--
MW-517	10/29/09	9:05	12.00	4.97	--	NP	7.03	--
MW-517	01/18/10	13:31	12.00	3.58	--	NP	8.42	--
MW-517	04/19/10	14:44	12.00	4.66	--	NP	7.34	--
MW-517	07/19/10	7:08	12.00	5.49	--	NP	6.51	--
MW-517	10/25/10	13:42	12.00	5.33	--	NP	6.67	--
MW-517	03/21/11	12:24	12.00	4.05	--	NP	7.95	--
MW-517	06/14/11	10:08	12.00	5.16	--	NP	6.84	--
MW-517	09/26/11	10:49	12.00	5.77	--	NP	6.23	--
MW-517	12/12/11	11:51	12.00	5.11	--	NP	6.89	--
MW-517	03/27/12	13:54	12.00	4.52	--	NP	7.48	--
MW-517	06/27/12	16:54	12.00	5.08	--	NP	6.92	--
MW-517	09/25/12	7:30	12.00	5.78	--	NP	6.22	--
MW-517	12/13/12	10:10	12.00	4.46	--	NP	7.54	--
MW-517	03/25/13	10:08	12.00	4.93	--	NP	7.07	--
MW-517	06/24/13	11:41	12.00	5.48	--	NP	6.52	--
MW-517	09/23/13	13:35	12.00	5.38	--	NP	6.62	--
MW-517	12/16/13	10:13	12.00	5.55	--	NP	6.45	--
MW-517	03/26/14	7:55	12.00	4.69	--	NP	7.31	--
MW-517	06/16/14	13:26	12.00	5.38	--	NP	6.62	--
MW-517	09/29/14	15:31	12.00	5.30	--	NP	6.70	--
MW-517	12/08/14	12:22	12.00	4.68	--	NP	7.32	--
MW-517	03/23/15	13:40	12.00	4.73	--	NP	7.27	--
MW-517	06/22/15	15:27	12.00	5.49	--	NP	6.51	--
MW-517	10/27/16	9:07	12.00	4.22	--	NP	7.78	--
MW-517	07/24/17	12:00	12.00	5.55	--	NP	6.45	--
MW-518	10/20/08	15:56	14.60	8.51	--	NP	6.09	--
MW-518	12/08/08	10:44	14.60	8.37	--	NP	6.23	--
MW-518	02/20/09	9:45	14.60	8.29	--	NP	6.31	--
MW-518	04/20/09	9:17	14.60	8.40	--	NP	6.20	--
MW-518	06/22/09	11:29	14.60	8.68	--	NP	5.92	--
MW-518	08/03/09	11:04	14.60	8.79	--	NP	5.81	--
MW-518	08/17/09	9:20	14.60	9.00	--	NP	5.60	--
MW-518	10/29/09	9:19	14.60	8.42	--	NP	6.18	--
MW-518	01/18/10	13:43	14.60	6.65	--	NP	7.95	--
MW-518	04/19/10	14:56	14.60	8.01	--	NP	6.59	--
MW-518	07/19/10	7:14	14.60	8.73	--	NP	5.87	--
MW-518	10/25/10	13:47	14.60	8.05	--	NP	6.55	--
MW-518	03/21/11	12:27	14.60	7.45	--	NP	7.15	--
MW-518	06/14/11	10:09	14.60	8.45	--	NP	6.15	--
MW-518	09/26/11	10:52	14.60	8.73	--	NP	5.87	--
MW-518	12/12/11	12:03	14.60	7.30	--	NP	7.30	--
MW-518	03/27/12	13:57	14.60	7.75	--	NP	6.85	--
MW-518	06/27/12	17:02	14.60	8.28	--	NP	6.32	--
MW-518	09/25/12	7:37	14.60	8.96	--	NP	5.64	--
MW-518	12/13/12	10:09	14.60	7.49	--	NP	7.11	--
MW-518	03/25/13	10:11	14.60	8.30	--	NP	6.30	--
MW-518	06/24/13	11:30	14.60	8.44	--	NP	6.16	--
MW-518	09/23/13	13:41	14.60	8.32	--	NP	6.28	--
MW-518	12/16/13	11:56	14.60	8.65	--	NP	5.95	--
MW-518	03/26/14	8:20	14.60	7.82	--	NP	6.78	--
MW-518	06/16/14	13:32	14.60	8.53	--	NP	6.07	--
MW-518	09/29/14	13:43	14.60	8.25	--	NP	6.35	--
MW-518	12/08/14	12:30	14.60	7.57	--	NP	7.03	--
MW-518	03/23/15	13:50	14.60	7.92	--	NP	6.68	--
MW-518	06/22/15	15:24	14.60	8.70	--	NP	5.90	--
MW-518	10/27/16	9:04	14.60	7.47	--	NP	7.13	--
MW-518	07/24/17	11:47	14.60	8.62	--	NP	5.98	--
MW-519	10/20/08	15:35	12.60	7.25	--	NP	5.35	--
MW-519	12/08/08	10:25	12.60	7.12	--	NP	5.48	--
MW-519	02/20/09	10:21	12.60	6.89	--	NP	5.71	--
MW-519	04/20/09	9:02	12.60	7.17	--	NP	5.43	--
MW-519	06/22/09	11:04	12.60	6.83	--	NP	5.77	--
MW-519	08/03/09	10:57	12.60	6.96	--	NP	5.64	--
MW-519	08/17/09	8:47	12.60	7.21	--	NP	5.39	--
MW-519	10/29/09	8:56	12.60	6.75	--	NP	5.85	--
MW-519	01/18/10	13:25	12.60	4.80	--	NP	7.80	--
MW-519	04/19/10	14:37	12.60	6.41	--	NP	6.19	--
MW-519	07/19/10	7:05	12.60	7.15	--	NP	5.45	--

Table 1
 Groundwater Elevation Data
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
MW-519	10/25/10	13:36	12.60	6.60	--	NP	6.00	--
MW-519	03/21/11	12:19	12.60	5.71	--	NP	6.89	--
MW-519	06/14/11	10:03	12.60	6.88	--	NP	5.72	--
MW-519	09/26/11	10:37	12.60	7.11	--	NP	5.49	--
MW-519	12/12/11	11:42	12.60	7.14	--	NP	5.46	--
MW-519	03/27/12	13:46	12.60	6.14	--	NP	6.46	--
MW-519	06/27/12	16:42	12.60	6.84	--	NP	5.76	--
MW-519	09/25/12	7:20	12.60	7.26	--	NP	5.34	--
MW-519	12/13/12	9:54	12.60	6.01	--	NP	6.59	--
MW-519	03/25/13	9:59	12.60	6.99	--	NP	5.61	--
MW-519	06/24/13	11:24	12.60	6.90	--	NP	5.70	--
MW-519	09/23/13	13:30	12.60	6.83	--	NP	5.77	--
MW-519	12/16/13	9:48	12.60	7.34	--	NP	5.26	--
MW-519	03/26/14	7:54	12.60	6.62	--	NP	5.98	--
MW-519	06/16/14	13:20	12.60	6.92	--	NP	5.68	--
MW-519	09/29/14	15:04	12.60	6.68	--	NP	5.92	--
MW-519	12/08/14	11:37	12.60	6.02	--	NP	6.58	--
MW-519	03/23/15	13:17	12.60	6.30	--	NP	6.30	--
MW-519	06/22/15	15:19	12.60	7.09	--	NP	5.51	--
MW-519	10/27/16	8:57	12.60	5.75	--	NP	6.85	--
MW-519	07/24/17	11:45	12.60	7.02	--	NP	5.58	--
MW-520	10/20/08	15:50	13.31	7.95	--	NP	5.36	--
MW-520	12/08/08	10:23	13.31	7.83	--	NP	5.48	--
MW-520	02/20/09	9:23	13.31	7.61	--	NP	5.70	--
MW-520	04/20/09	9:05	13.31	7.88	--	NP	5.43	--
MW-520	06/22/09	11:19	13.31	7.55	--	NP	5.76	--
MW-520	08/03/09	10:56	13.31	7.69	--	NP	5.62	--
MW-520	08/17/09	8:49	13.31	7.92	--	NP	5.39	--
MW-520	10/29/09	8:55	13.31	7.46	--	NP	5.85	--
MW-520	01/18/10	13:26	13.31	5.51	--	NP	7.80	--
MW-520	04/19/10	14:35	13.31	7.12	--	NP	6.19	--
MW-520	07/19/10	7:03	13.31	7.85	--	NP	5.46	--
MW-520	10/25/10	13:33	13.31	7.30	--	NP	6.01	--
MW-520	03/21/11	12:18	13.31	5.38	--	NP	7.93	--
MW-520	06/14/11	10:01	13.31	7.59	--	NP	5.72	--
MW-520	09/26/11	10:43	13.31	7.82	--	NP	5.49	--
MW-520	12/12/11	11:40	13.31	7.85	--	NP	5.46	--
MW-520	03/27/12	13:47	13.31	6.84	--	NP	6.47	--
MW-520	06/27/12	16:40	13.31	7.53	--	NP	5.78	--
MW-520	09/25/12	7:22	13.31	7.94	--	NP	5.37	--
MW-520	12/13/12	9:53	13.31	6.71	--	NP	6.60	--
MW-520	03/25/13	10:00	13.31	7.70	--	NP	5.61	--
MW-520	06/24/13	11:22	13.31	7.59	--	NP	5.72	--
MW-520	09/23/13	13:28	13.31	7.52	--	NP	5.79	--
MW-520	12/16/13	9:47	13.31	8.04	--	NP	5.27	--
MW-520	03/26/14	7:50	13.31	7.31	--	NP	6.00	--
MW-520	06/16/14	13:17	13.31	7.62	--	NP	5.69	--
MW-520	09/29/14	15:00	13.31	7.39	--	NP	5.92	--
MW-520	12/08/14	11:40	13.31	6.69	--	NP	6.62	--
MW-520	03/23/15	13:11	13.31	7.00	--	NP	6.31	--
MW-520	06/22/15	15:17	13.31	7.80	--	NP	5.51	--
MW-520	10/27/16	8:56	13.31	6.48	--	NP	6.83	--
MW-520	07/24/17	11:34	13.31	7.71	--	NP	5.60	--
MW-521	10/20/08	15:48	12.18	6.82	--	NP	5.36	--
MW-521	12/08/08	10:21	12.18	6.71	--	NP	5.47	--
MW-521	02/20/09	9:21	12.18	6.49	--	NP	5.69	--
MW-521	04/20/09	9:04	12.18	6.75	--	NP	5.43	--
MW-521	06/22/09	11:06	12.18	6.41	--	NP	5.77	--
MW-521	08/03/09	10:55	12.18	6.57	--	NP	5.61	--
MW-521	08/17/09	8:48	12.18	6.80	--	NP	5.38	--
MW-521	10/29/09	8:56	12.18	6.33	--	NP	5.85	--
MW-521	01/18/10	13:24	12.18	4.39	--	NP	7.79	--
MW-521	04/19/10	14:33	12.18	6.01	--	NP	6.17	--
MW-521	07/19/10	7:01	12.18	6.74	--	NP	5.44	--
MW-521	10/25/10	13:30	12.18	6.40	--	NP	5.78	--
MW-521	03/21/11	12:16	12.18	5.29	--	NP	6.89	--
MW-521	06/14/11	10:04	12.18	7.45	--	NP	4.73	--
MW-521	09/26/11	10:40	12.18	6.70	--	NP	5.48	--
MW-521	12/12/11	11:38	12.18	6.73	--	NP	5.45	--
MW-521	03/27/12	13:44	12.18	5.75	--	NP	6.43	--
MW-521	06/27/12	16:38	12.18	6.42	--	NP	5.76	--
MW-521	09/25/12	7:35	12.18	6.82	--	NP	5.36	--
MW-521	12/13/12	9:51	12.18	5.60	--	NP	6.58	--

Table 1
 Groundwater Elevation Data
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
MW-521	03/25/13	9:58	12.18	6.60	--	NP	5.58	--
MW-521	06/24/13	11:26	12.18	6.48	--	NP	5.70	--
MW-521	09/23/13	13:25	12.18	6.41	--	NP	5.77	--
MW-521	12/16/13	9:49	12.18	6.42	--	NP	5.76	--
MW-521	03/26/14	7:52	12.18	6.21	--	NP	5.97	--
MW-521	06/16/14	13:15	12.18	6.50	--	NP	5.68	--
MW-521	09/29/14	14:59	12.18	6.27	--	NP	5.91	--
MW-521	12/08/14	11:32	12.18	5.61	--	NP	6.57	--
MW-521	03/23/15	13:10	12.18	5.90	--	NP	6.28	--
MW-521	06/22/15	15:15	12.18	6.69	--	NP	5.49	--
MW-521	10/27/16	--	12.18	--	--	--	--	--
MW-521	07/24/17	11:36	12.18	6.67	--	NP	5.51	--
MW-522	10/20/08	15:50	13.82	8.49	--	NP	5.33	--
MW-522	12/08/08	10:19	13.82	8.35	--	NP	5.47	--
MW-522	02/20/09	9:23	13.82	8.10	--	NP	5.72	--
MW-522	04/20/09	9:07	13.82	8.41	--	NP	5.41	--
MW-522	06/22/09	11:15	13.82	8.11	--	NP	5.71	--
MW-522	08/03/09	10:53	13.82	8.25	--	NP	5.57	--
MW-522	08/17/09	8:54	13.82	8.51	--	NP	5.31	--
MW-522	10/29/09	8:56	13.82	7.99	--	NP	5.83	--
MW-522	01/18/10	13:22	13.82	6.03	--	NP	7.79	--
MW-522	04/19/10	14:31	13.82	7.65	--	NP	6.17	--
MW-522	07/19/10	7:02	13.82	8.43	--	NP	5.39	--
MW-522	10/25/10	13:33	13.82	7.80	--	NP	6.02	--
MW-522	03/21/11	12:18	13.82	6.97	--	NP	6.85	--
MW-522	06/14/11	9:59	13.82	8.13	--	NP	5.69	--
MW-522	09/26/11	10:46	13.82	8.40	--	NP	5.42	--
MW-522	12/12/11	11:42	13.82	8.38	--	NP	5.44	--
MW-522	03/27/12	13:49	13.82	7.42	--	NP	6.40	--
MW-522	06/27/12	16:39	13.82	8.08	--	NP	5.74	--
MW-522	09/25/12	7:32	13.82	8.48	--	NP	5.34	--
MW-522	12/13/12	9:50	13.82	7.22	--	NP	6.60	--
MW-522	03/25/13	10:00	13.82	8.25	--	NP	5.57	--
MW-522	06/24/13	11:20	13.82	8.17	--	NP	5.65	--
MW-522	09/23/13	13:30	13.82	8.04	--	NP	5.78	--
MW-522	12/16/13	9:43	13.82	8.58	--	NP	5.24	--
MW-522	03/26/14	7:46	13.82	7.84	--	NP	5.98	--
MW-522	06/16/14	13:18	13.82	8.19	--	NP	5.63	--
MW-522	09/29/14	13:27	13.82	7.90	--	NP	5.92	--
MW-522	12/08/14	12:11	13.82	7.19	--	NP	6.63	--
MW-522	03/23/15	13:08	13.82	7.55	--	NP	6.27	--
MW-522	06/22/15	15:12	13.82	8.34	--	NP	5.48	--
MW-522	10/27/16	8:55	13.82	6.99	--	NP	6.83	--
MW-522	07/24/17	11:32	13.82	5.36	--	NP	8.46	--
MW-523	10/20/08	15:47	13.53	8.17	--	NP	5.36	--
MW-523	12/08/08	10:15	13.53	8.05	--	NP	5.48	--
MW-523	02/20/09	9:21	13.53	7.81	--	NP	5.72	--
MW-523	04/20/09	9:10	13.53	8.10	--	NP	5.43	--
MW-523	06/22/09	11:11	13.53	7.78	--	NP	5.75	--
MW-523	08/03/09	10:52	13.53	7.91	--	NP	5.62	--
MW-523	08/17/09	8:52	13.53	8.17	--	NP	5.36	--
MW-523	10/29/09	8:54	13.53	7.69	--	NP	5.84	--
MW-523	01/18/10	13:20	13.53	5.73	--	NP	7.80	--
MW-523	04/19/10	14:27	13.53	7.35	--	NP	6.18	--
MW-523	07/19/10	6:54	13.53	8.09	--	NP	5.44	--
MW-523	10/25/10	13:30	13.53	7.52	--	NP	6.01	--
MW-523	03/21/11	12:15	13.53	6.64	--	NP	6.89	--
MW-523	06/14/11	9:58	13.53	7.85	--	NP	5.68	--
MW-523	09/26/11	10:44	13.53	8.02	--	NP	5.51	--
MW-523	12/12/11	11:37	13.53	8.09	--	NP	5.44	--
MW-523	03/27/12	13:45	13.53	7.09	--	NP	6.44	--
MW-523	06/27/12	16:35	13.53	7.77	--	NP	5.76	--
MW-523	09/25/12	7:27	13.53	8.20	--	NP	5.33	--
MW-523	12/13/12	9:48	13.53	6.95	--	NP	6.58	--
MW-523	03/25/13	9:55	13.53	7.95	--	NP	5.58	--
MW-523	06/24/13	11:18	13.53	7.84	--	NP	5.69	--
MW-523	09/23/13	13:25	13.53	7.75	--	NP	5.78	--
MW-523	12/16/13	9:40	13.53	8.27	--	NP	5.26	--
MW-523	03/26/14	7:44	13.53	7.55	--	NP	5.98	--
MW-523	06/16/14	13:14	13.53	7.89	--	NP	5.64	--
MW-523	09/29/14	13:25	13.53	7.61	--	NP	5.92	--
MW-523	12/08/14	11:55	13.53	6.91	--	NP	6.62	--
MW-523	03/23/15	13:05	13.53	7.22	--	NP	6.31	--

Table 1
Groundwater Elevation Data
Former Unocal Terminal
11720 Unoco Road
Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
MW-523	06/22/15	15:10	13.53	8.04	--	NP	5.49	--
MW-523	10/27/16	8:47	13.53	6.71	--	NP	6.82	--
MW-523	07/24/17	11:29	13.53	7.96	--	NP	5.57	--
MW-524	10/20/08	15:44	13.16	8.95	--	NP	4.21	--
MW-524	12/08/08	10:09	13.16	7.71	--	NP	5.45	--
MW-524	02/20/09	9:13	13.16	7.60	--	NP	5.56	--
MW-524	04/20/09	9:08	13.16	7.81	--	NP	5.35	--
MW-524	06/22/09	11:19	13.16	7.69	--	NP	5.47	--
MW-524	08/03/09	10:47	13.16	7.79	--	NP	5.37	--
MW-524	08/17/09	7:33	13.16	8.03	--	NP	5.13	--
MW-524	10/29/09	8:50	13.16	6.75	--	NP	6.41	--
MW-524	01/18/10	13:17	13.16	4.26	--	NP	8.90	--
MW-524	04/19/10	14:23	13.16	7.17	--	NP	5.99	--
MW-524	07/19/10	6:51	13.16	7.99	--	NP	5.17	--
MW-524	10/25/10	13:27	13.16	6.97	--	NP	6.19	--
MW-524	03/21/11	12:12	13.16	5.78	--	NP	7.38	--
MW-524	06/14/11	9:48	13.16	7.67	--	NP	5.49	--
MW-524	09/26/11	10:41	13.16	7.90	--	NP	5.26	--
MW-524	12/12/11	11:33	13.16	7.74	--	NP	5.42	--
MW-524	03/27/12	13:41	13.16	6.60	--	NP	6.56	--
MW-524	06/27/12	16:32	13.16	7.49	--	NP	5.67	--
MW-524	09/25/12	7:18	13.16	8.05	--	NP	5.11	--
MW-524	12/13/12	9:44	13.16	6.20	--	NP	6.96	--
MW-524	03/25/13	11:28	13.16	7.68	--	NP	5.48	--
MW-524	06/24/13	11:19	13.16	7.75	--	NP	5.41	--
MW-524	09/23/13	13:20	13.16	7.55	--	NP	5.61	--
MW-524	12/16/13	9:41	13.16	8.02	--	NP	5.14	--
MW-524	03/26/14	7:39	13.16	6.98	--	NP	6.18	--
MW-524	06/16/14	13:10	13.16	7.79	--	NP	5.37	--
MW-524	09/29/14	13:20	13.16	7.36	--	NP	5.80	--
MW-524	12/08/14	11:53	13.16	6.56	--	NP	6.6	--
MW-524	03/23/15	13:02	13.16	6.85	--	NP	6.31	--
MW-524	06/22/15	15:04	13.16	7.89	--	NP	5.27	--
MW-524	10/27/16	8:45	13.16	5.49	--	NP	7.67	--
MW-524	07/24/17	11:25	13.16	7.78	--	NP	5.38	--
MW-525	06/27/12	16:50	12.62	6.02	--	NP	6.60	--
MW-525	09/25/12	7:27	12.62	6.57	--	NP	6.05	--
MW-525	12/13/12	10:05	12.62	5.40	--	NP	7.22	--
MW-525	03/25/13	10:04	12.62	6.01	--	NP	6.61	--
MW-525	06/24/13	12:54	12.62	6.30	--	NP	6.32	--
MW-525	09/23/13	13:20	12.62	6.18	--	NP	6.44	--
MW-525	12/16/13	9:58	12.62	6.45	--	NP	6.17	--
MW-525	03/26/14	8:02	12.62	5.58	--	NP	7.04	--
MW-525	06/16/14	14:50	12.62	6.30	--	<0.01	6.32	Film observed during gauging
MW-525	09/29/14	14:35	12.62	6.08	--	<0.01	6.54	Film observed during gauging
MW-525	12/08/14	11:42	12.62	5.45	--	NP	7.17	--
MW-525	03/23/15	16:00	12.62	5.75	--	NP	6.87	Sheen
MW-525	06/22/15	15:32	12.62	6.36	6.35	0.01	6.27	See **
MW-525	10/27/16	9:00	12.62	5.49	--	NP	7.13	--
MW-525	07/24/17	13:06	12.62	6.65	--	NP	5.97	--
MW-526	06/27/12	17:03	12.90	4.93	--	NP	7.97	--
MW-526	09/25/12	8:25	12.90	5.54	--	NP	7.36	--
MW-526	12/13/12	10:17	12.90	4.26	--	NP	8.64	--
MW-526	03/25/13	10:23	12.90	4.71	--	NP	8.19	--
MW-526	06/24/13	11:35	12.90	5.27	--	NP	7.63	--
MW-526	09/23/13	13:43	12.90	5.29	--	NP	7.61	--
MW-526	12/16/13	10:09	12.90	5.29	--	NP	7.61	--
MW-526	03/26/14	8:11	12.90	4.38	--	NP	8.52	--
MW-526	06/16/14	13:33	12.90	5.14	--	NP	7.76	--
MW-526	09/29/14	15:18	12.90	5.33	--	NP	7.57	--
MW-526	12/08/14	11:52	12.90	4.55	--	NP	8.35	--
MW-526	03/23/15	13:30	12.90	4.56	--	NP	8.34	--
MW-526	06/22/15	15:40	12.90	5.31	--	NP	7.59	--
MW-526	10/27/16	9:10	12.90	5.01	--	NP	7.89	--
MW-526	07/24/17	11:03	12.90	5.49	--	NP	7.41	--
MW-527	06/27/12	17:50	19.09	9.41	--	NP	9.68	--
MW-527	09/25/12	8:10	19.09	10.41	--	NP	8.68	--
MW-527	12/13/12	10:30	19.09	7.22	--	NP	11.87	--
MW-527	03/25/13	10:42	19.09	9.05	--	NP	10.04	--
MW-527	06/24/13	12:31	19.09	9.91	--	NP	9.18	--
MW-527	09/23/13	13:48	19.09	9.95	--	NP	9.14	--
MW-527	12/16/13	10:59	19.09	9.50	--	NP	9.59	--
MW-527	03/26/14	9:00	19.09	7.58	--	NP	11.51	--

Table 1
 Groundwater Elevation Data
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
MW-527	06/16/14	13:38	19.09	9.88	--	NP	9.21	--
MW-527	09/29/14	15:30	19.09	10.05	--	NP	9.04	--
MW-527	12/08/14	13:05	19.09	8.65	--	NP	10.44	--
MW-527	03/23/15	14:20	19.09	8.82	--	NP	10.27	--
MW-527	06/22/15	14:48	19.09	10.18	--	NP	8.91	--
MW-527	10/27/16	9:45	19.09	6.79	--	NP	12.30	--
MW-527	07/24/17	11:56	19.09	9.90	--	NP	9.19	--
MW-528	06/27/12	17:47	19.74	9.46	--	NP	10.28	--
MW-528	09/25/12	8:07	19.74	10.82	--	NP	8.92	--
MW-528	12/13/12	10:28	19.74	8.12	--	NP	11.62	--
MW-528	03/25/13	10:37	19.74	8.92	--	NP	10.82	--
MW-528	06/24/13	12:30	19.74	10.22	--	NP	9.52	--
MW-528	09/23/13	13:50	19.74	10.27	--	NP	9.47	--
MW-528	12/16/13	10:51	19.74	9.73	--	NP	10.01	--
MW-528	03/26/14	8:59	19.74	8.05	--	NP	11.69	--
MW-528	06/16/14	13:35	19.74	10.03	--	NP	9.71	--
MW-528	09/29/14	15:25	19.74	11.28	--	NP	8.46	--
MW-528	12/08/14	13:10	19.74	8.61	--	NP	11.13	--
MW-528	03/23/15	14:22	19.74	8.53	--	NP	11.21	--
MW-528	06/22/15	14:48	19.74	10.38	--	NP	9.36	--
MW-528	10/27/16	9:36	19.74	8.06	--	NP	11.68	--
MW-528	07/24/17	11:54	19.74	10.59	--	NP	9.15	--
MW-529	06/27/12	17:31	10.12	4.39	--	NP	5.73	--
MW-529	09/25/12	7:41	10.12	4.86	--	NP	5.26	--
MW-529	12/13/12	10:21	10.12	3.52	--	NP	6.60	--
MW-529	03/25/13	10:16	10.12	4.33	--	NP	5.79	--
MW-529	06/24/13	12:06	10.12	4.30	--	NP	5.82	--
MW-529	09/23/13	14:30	10.12	4.15	--	NP	5.97	--
MW-529	12/16/13	11:28	10.12	4.64	--	NP	5.48	--
MW-529	03/26/14	8:32	10.12	3.70	--	NP	6.42	--
MW-529	06/16/14	14:43	10.12	4.53	--	NP	5.59	--
MW-529	09/29/14	15:59	10.12	4.07	--	NP	6.05	--
MW-529	12/08/14	13:16	10.12	3.52	--	NP	6.60	--
MW-529	03/23/15	14:36	10.12	4.13	--	NP	5.99	--
MW-529	06/22/15	15:43	10.12	4.75	--	NP	5.37	--
MW-529	10/27/16	9:23	10.12	3.64	--	NP	6.48	--
MW-529	07/24/17	12:15	10.12	4.29	--	NP	5.83	--
MW-530	06/27/12	17:16	11.02	5.27	--	NP	5.75	--
MW-530	09/25/12	7:43	11.02	5.79	--	NP	5.23	--
MW-530	12/13/12	10:13	11.02	4.65	--	NP	6.37	--
MW-530	03/25/13	10:22	11.02	5.06	--	NP	5.96	--
MW-530	06/24/13	12:43	11.02	5.28	--	NP	5.74	--
MW-530	09/23/13	13:57	11.02	5.09	--	NP	5.93	--
MW-530	12/16/13	11:34	11.02	5.21	--	NP	5.81	--
MW-530	03/26/14	8:10	11.02	4.82	--	NP	6.20	--
MW-530	06/16/14	13:13	11.02	5.31	--	NP	5.71	--
MW-530	09/29/14	14:55	11.02	4.90	--	NP	6.12	--
MW-530	12/08/14	12:17	11.02	4.64	--	NP	6.38	--
MW-530	03/23/15	14:37	11.02	5.24	--	NP	5.78	--
MW-530	06/22/15	15:46	11.02	5.65	--	NP	5.37	--
MW-530	10/27/16	9:30	11.02	4.95	--	NP	6.07	--
MW-530	07/24/17	11:30	11.02	4.97	--	NP	6.05	--
MW-531	06/27/12	16:51	13.26	7.50	--	NP	5.76	--
MW-531	09/25/12	7:24	13.26	7.90	--	NP	5.36	--
MW-531	12/13/12	9:58	13.26	6.70	--	NP	6.56	--
MW-531	03/25/13	10:03	13.26	7.67	--	NP	5.59	--
MW-531	06/24/13	11:30	13.26	7.54	--	NP	5.72	--
MW-531	09/23/13	13:25	13.26	7.43	--	NP	5.83	--
MW-531	12/16/13	10:01	13.26	8.00	--	NP	5.26	--
MW-531	03/26/14	7:56	13.26	7.28	--	NP	5.98	--
MW-531	06/16/14	13:27	13.26	7.59	--	NP	5.67	--
MW-531	09/29/14	15:07	13.26	7.35	--	NP	5.91	--
MW-531	12/08/14	11:42	13.26	6.64	--	NP	6.62	--
MW-531	03/23/15	13:27	13.26	6.95	--	NP	6.31	--
MW-531	06/22/15	15:25	13.26	7.75	--	NP	5.51	--
MW-531	10/27/16	9:00	13.26	6.42	--	NP	6.84	--
MW-531	07/24/17	11:45	13.26	7.69	--	NP	5.57	--
MW-532	06/27/12	16:48	13.38	6.62	--	NP	6.76	--
MW-532	09/25/12	7:26	13.38	7.11	--	NP	6.27	--
MW-532	12/13/12	9:57	13.38	6.00	--	NP	7.38	--
MW-532	03/25/13	10:05	13.38	6.61	--	NP	6.77	--
MW-532	06/24/13	11:28	13.38	6.79	--	NP	6.59	--
MW-532	09/23/13	13:28	13.38	6.80	--	NP	6.58	--

Table 1
Groundwater Elevation Data
Former Unocal Terminal
11720 Unoco Road
Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
MW-532	12/16/13	9:56	13.38	7.02	--	NP	6.36	--
MW-532	03/26/14	7:59	13.38	6.31	--	NP	7.07	--
MW-532	06/16/14	13:24	13.38	6.78	--	NP	6.60	--
MW-532	09/29/14	15:11	13.38	6.70	--	NP	6.68	--
MW-532	12/08/14	11:45	13.38	6.14	--	NP	7.24	--
MW-532	03/23/15	13:25	13.38	6.28	--	NP	7.10	--
MW-532	06/22/15	15:23	13.38	7.00	--	NP	6.38	--
MW-532	10/27/16	8:54	13.38	6.52	--	NP	6.86	--
MW-532	07/24/17	11:13	13.38	7.49	--	NP	5.89	--
Piezometers								
P-1 ^S	08/03/09	10:23	16.47	7.80	--	NP	8.67	--
P-1 ^S	08/17/09	9:43	16.47	6.60	--	NP	9.87	--
P-1 ^S	10/29/09	9:32	16.47	4.37	--	NP	12.10	--
P-1 ^S	01/18/10	13:31	16.47	1.26	--	NP	15.21	--
P-1 ^S	04/19/10	15:46	16.47	3.21	--	NP	13.26	--
P-1 ^S	07/19/10	8:02	16.47	4.65	--	NP	11.82	--
P-1 ^S	10/25/10	14:26	16.47	4.61	--	NP	11.86	--
P-1 ^S	03/21/11	12:46	16.47	2.16	--	NP	14.31	--
P-1 ^S	06/14/11	11:08	16.47	3.98	--	NP	12.49	--
P-1 ^S	09/26/11	11:27	16.47	6.76	--	NP	9.71	--
P-1 ^S	12/12/11	12:49	16.47	3.87	--	NP	12.60	--
P-1 ^S	03/27/12	14:30	16.47	2.55	--	NP	13.92	--
P-1 ^S	06/27/12	17:43	16.47	3.64	--	NP	12.83	--
P-1 ^S	09/25/12	8:35	16.47	6.45	--	NP	10.02	--
P-1 ^S	12/13/12	10:24	16.47	1.95	--	NP	14.52	--
P-1 ^S	03/25/13	10:45	16.47	2.78	--	NP	13.69	--
P-1 ^S	06/24/13	12:10	16.47	4.84	--	NP	11.63	--
P-1 ^S	09/23/13	14:07	16.47	6.02	--	NP	10.45	--
P-1 ^S	12/16/13	10:41	16.47	4.23	--	NP	12.24	--
P-1 ^S	03/26/14	8:36	16.47	2.42	--	NP	14.05	--
P-1 ^S	06/16/14	13:55	16.47	4.60	--	NP	11.87	--
P-1 ^S	09/29/14	15:57	16.47	7.02	--	NP	9.45	--
P-1 ^S	12/08/14	12:56	16.47	2.81	--	NP	13.66	--
P-1 ^S	03/23/15	14:26	16.47	2.93	--	NP	13.54	--
P-1 ^S	06/22/15	15:06	16.47	5.23	--	NP	11.24	--
P-1 ^S	10/27/16	9:55	16.47	2.06	--	NP	14.41	--
P-1 ^S	07/24/17	--	--	--	--	--	--	Not part of the monitoring network
P-2 ^D	08/03/09	10:21	15.00	7.39	--	NP	7.61	--
P-2 ^D	08/17/09	9:46	15.00	7.46	--	NP	7.54	--
P-2 ^D	10/29/09	8:57	15.00	6.38	--	NP	8.62	--
P-2 ^D	01/18/10	13:28	15.00	6.30	--	NP	8.70	--
P-2 ^D	04/19/10	15:47	15.00	6.68	--	NP	8.32	--
P-2 ^D	07/19/10	7:46	15.00	7.02	--	NP	7.98	--
P-2 ^D	10/25/10	14:29	15.00	6.65	--	NP	8.35	--
P-2 ^D	03/21/11	12:49	15.00	6.26	--	NP	8.74	--
P-2 ^D	06/14/11	11:10	15.00	7.01	--	NP	7.99	--
P-2 ^D	09/26/11	11:15	15.00	7.01	--	NP	7.99	--
P-2 ^D	12/12/11	12:52	15.00	6.79	--	NP	8.21	--
P-2 ^D	03/27/12	14:31	15.00	6.35	--	NP	8.65	--
P-2 ^D	06/27/12	17:48	15.00	6.63	--	NP	8.37	--
P-2 ^D	09/25/12	8:12	15.00	7.14	--	NP	7.86	--
P-2 ^D	12/13/12	10:26	15.00	6.19	--	NP	8.81	--
P-2 ^D	03/25/13	10:49	15.00	6.48	--	NP	8.52	--
P-2 ^D	06/24/13	12:15	15.00	6.81	--	NP	8.19	--
P-2 ^D	09/23/13	14:10	15.00	6.84	--	NP	8.16	--
P-2 ^D	12/16/13	10:48	15.00	6.81	--	NP	8.19	--
P-2 ^D	03/26/14	8:38	15.00	7.32	--	NP	7.68	--
P-2 ^D	06/16/14	13:52	15.00	6.86	--	NP	8.14	--
P-2 ^D	09/29/14	15:45	15.00	6.79	--	NP	8.21	--
P-2 ^D	12/08/14	12:55	15.00	6.31	--	NP	8.69	--
P-2 ^D	03/23/15	14:28	15.00	6.26	--	NP	8.74	--
P-2 ^D	06/22/15	15:03	15.00	7.00	--	NP	8.00	--
P-2 ^D	10/27/16	9:52	15.00	6.25	--	NP	8.75	--
P-2 ^D	07/24/17	--	--	--	--	--	--	Not part of the monitoring network
P-3 ^S	08/03/09	10:21	14.84	4.47	--	NP	10.37	--
P-3 ^S	08/17/09	9:48	14.84	4.77	--	NP	10.07	--
P-3 ^S	10/29/09	8:59	14.84	3.35	--	NP	11.49	--
P-3 ^S	01/18/10	13:25	14.84	0.81	--	NP	14.03	--
P-3 ^S	04/19/10	15:48	14.84	2.36	--	NP	12.48	--
P-3 ^S	07/19/10	7:48	14.84	3.72	--	NP	11.12	--
P-3 ^S	10/25/10	14:31	14.84	4.04	--	NP	10.80	--
P-3 ^S	03/21/11	12:49	14.84	1.19	--	NP	13.65	--
P-3 ^S	06/14/11	11:11	14.84	3.05	--	NP	11.79	--

Table 1
Groundwater Elevation Data
Former Unocal Terminal
11720 Unoco Road
Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
P-3 ^S	09/26/11	11:17	14.84	5.18	--	NP	9.66	--
P-3 ^S	12/12/11	12:54	14.84	2.95	--	NP	11.89	--
P-3 ^S	03/27/12	14:32	14.84	1.63	--	NP	13.21	--
P-3 ^S	06/27/12	17:54	14.84	3.11	--	NP	11.73	--
P-3 ^S	09/25/12	8:14	14.84	4.80	--	NP	10.04	--
P-3 ^S	12/13/12	10:27	14.84	1.42	--	NP	13.42	--
P-3 ^S	03/25/13	10:51	14.84	2.16	--	NP	12.68	--
P-3 ^S	06/24/13	12:16	14.84	4.02	--	NP	10.82	--
P-3 ^S	09/23/13	14:12	14.84	4.49	--	NP	10.35	--
P-3 ^S	12/16/13	10:47	14.84	3.55	--	NP	11.29	--
P-3 ^S	03/26/14	8:39	14.84	1.48	--	NP	13.36	--
P-3 ^S	06/16/14	13:54	14.84	3.80	--	NP	11.04	--
P-3 ^S	09/29/14	15:43	14.84	4.80	--	NP	10.04	--
P-3 ^S	12/08/14	13:00	14.84	1.90	--	NP	12.94	--
P-3 ^S	03/23/15	14:29	14.84	2.10	--	NP	12.74	--
P-3 ^S	06/22/15	15:01	14.84	4.24	--	NP	10.60	--
P-3 ^S	10/27/16	9:50	14.84	1.15	--	NP	13.69	--
P-3 ^S	07/24/17	--	--	--	--	--	--	Not part of the monitoring network
P-4 ^D	08/03/09	10:19	16.38	8.64	--	NP	7.74	--
P-4 ^D	08/17/09	9:49	16.38	8.75	--	NP	7.63	--
P-4 ^D	10/29/09	9:08	16.38	7.64	--	NP	8.74	--
P-4 ^D	01/18/10	13:21	16.38	7.56	--	NP	8.82	--
P-4 ^D	04/19/10	15:49	16.38	7.92	--	NP	8.46	--
P-4 ^D	07/19/10	7:50	16.38	8.28	--	NP	8.10	--
P-4 ^D	10/25/10	14:34	16.38	7.93	--	NP	8.45	--
P-4 ^D	03/21/11	12:52	16.38	7.51	--	NP	8.87	--
P-4 ^D	06/14/11	11:14	16.38	8.23	--	NP	8.15	--
P-4 ^D	09/26/11	11:20	16.38	8.41	--	NP	7.97	--
P-4 ^D	12/12/11	13:01	16.38	8.00	--	NP	8.38	--
P-4 ^D	03/27/12	14:34	16.38	7.60	--	NP	8.78	--
P-4 ^D	06/27/12	17:30	16.38	7.92	--	NP	8.46	--
P-4 ^D	09/25/12	8:19	16.38	8.37	--	NP	8.01	--
P-4 ^D	12/13/12	10:30	16.38	7.45	--	NP	8.93	--
P-4 ^D	03/25/13	10:54	16.38	7.79	--	NP	8.59	--
P-4 ^D	06/24/13	12:22	16.38	8.00	--	NP	8.38	--
P-4 ^D	09/23/13	14:03	16.38	8.11	--	NP	8.27	--
P-4 ^D	12/16/13	10:49	16.38	8.05	--	NP	8.33	--
P-4 ^D	03/26/14	8:47	16.38	7.56	--	NP	8.82	--
P-4 ^D	06/16/14	13:45	16.38	8.01	--	NP	8.37	--
P-4 ^D	09/29/14	15:35	16.38	8.03	--	NP	8.35	--
P-4 ^D	12/08/14	12:58	16.38	7.53	--	NP	8.85	--
P-4 ^D	03/23/15	14:30	16.38	7.82	--	NP	8.56	--
P-4 ^D	06/22/15	14:56	16.38	8.28	--	NP	8.10	--
P-4 ^D	10/27/16	9:48	16.38	7.43	--	NP	8.95	--
P-4 ^D	07/24/17	--	--	--	--	--	--	Not part of the monitoring network
P-5 ^S	08/03/09	10:19	16.85	6.47	--	NP	10.38	--
P-5 ^S	08/17/09	9:50	16.85	6.78	--	NP	10.07	--
P-5 ^S	10/29/09	9:10	16.85	5.85	--	NP	11.00	--
P-5 ^S	01/18/10	13:18	16.85	2.76	--	NP	14.09	--
P-5 ^S	04/19/10	15:50	16.85	4.31	--	NP	12.54	--
P-5 ^S	07/19/10	7:54	16.85	5.71	--	NP	11.14	--
P-5 ^S	10/25/10	14:33	16.85	6.03	--	NP	10.82	--
P-5 ^S	03/21/11	12:53	16.85	3.17	--	NP	13.68	--
P-5 ^S	06/14/11	11:15	16.85	5.00	--	NP	11.85	--
P-5 ^S	09/26/11	11:21	16.85	7.13	--	NP	9.72	--
P-5 ^S	12/12/11	13:02	16.85	4.93	--	NP	11.92	--
P-5 ^S	03/27/12	14:35	16.85	3.60	--	NP	13.25	--
P-5 ^S	06/27/12	17:32	16.85	5.07	--	NP	11.78	--
P-5 ^S	09/25/12	8:21	16.85	6.78	--	NP	10.07	--
P-5 ^S	12/13/12	10:32	16.85	3.01	--	NP	13.84	--
P-5 ^S	03/25/13	10:52	16.85	4.00	--	NP	12.85	--
P-5 ^S	06/24/13	12:23	16.85	5.95	--	NP	10.90	--
P-5 ^S	09/23/13	14:01	16.85	6.46	--	NP	10.39	--
P-5 ^S	12/16/13	10:48	16.85	5.46	--	NP	11.39	--
P-5 ^S	03/26/14	8:48	16.85	3.31	--	NP	13.54	--
P-5 ^S	06/16/14	13:41	16.85	5.68	--	NP	11.17	--
P-5 ^S	09/29/14	15:37	16.85	6.79	--	NP	10.06	--
P-5 ^S	12/08/14	13:02	16.85	3.67	--	NP	13.18	--
P-5 ^S	03/23/15	14:32	16.85	3.88	--	NP	12.97	--
P-5 ^S	06/22/15	15:04	16.85	6.17	--	NP	10.68	--
P-5 ^S	10/27/16	9:46	16.85	3.20	--	NP	13.65	--
P-5 ^S	07/24/17	--	--	--	--	--	--	Not part of the monitoring network
P-6 ^S	08/03/09	10:16	17.67	9.90	--	NP	7.77	--

Table 1
Groundwater Elevation Data
Former Unocal Terminal
11720 Unoco Road
Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
P-6 ^S	08/17/09	9:53	17.67	6.31	--	NP	11.36	--
P-6 ^S	10/29/09	9:12	17.67	4.92	--	NP	12.75	--
P-6 ^S	01/18/10	13:10	17.67	3.09	--	NP	14.58	--
P-6 ^S	04/19/10	15:52	17.67	4.63	--	NP	13.04	--
P-6 ^S	07/19/10	7:59	17.67	5.21	--	NP	12.46	--
P-6 ^S	10/25/10	14:29	17.67	4.81	--	NP	12.86	--
P-6 ^S	03/21/11	12:54	17.67	3.41	--	NP	14.26	--
P-6 ^S	06/14/11	11:20	17.67	5.05	--	NP	12.62	--
P-6 ^S	09/26/11	11:25	17.67	6.40	--	NP	11.27	--
P-6 ^S	12/12/11	13:05	17.67	5.07	--	NP	12.60	--
P-6 ^S	03/27/12	14:39	17.67	3.90	--	NP	13.77	--
P-6 ^S	06/27/12	17:39	17.67	4.64	--	NP	13.03	--
P-6 ^S	09/25/12	8:17	17.67	5.94	--	NP	11.73	--
P-6 ^S	12/13/12	10:35	17.67	3.71	--	NP	13.96	--
P-6 ^S	03/25/13	10:45	17.67	4.60	--	NP	13.07	--
P-6 ^S	06/24/13	12:24	17.67	5.22	--	NP	12.45	--
P-6 ^S	09/23/13	13:58	17.67	5.23	--	NP	12.44	--
P-6 ^S	12/16/13	10:56	17.67	4.91	--	NP	12.76	--
P-6 ^S	03/26/14	8:55	17.67	3.74	--	NP	13.93	--
P-6 ^S	06/16/14	13:50	17.67	5.16	--	NP	12.51	--
P-6 ^S	09/29/14	15:59	17.67	6.77	--	NP	10.90	--
P-6 ^S	12/08/14	13:09	17.67	4.05	--	NP	13.62	--
P-6 ^S	03/23/15	14:35	17.67	3.97	--	NP	13.70	--
P-6 ^S	06/22/15	14:50	17.67	5.38	--	NP	12.29	--
P-6 ^S	10/27/16	9:42	17.67	3.55	--	NP	14.12	--
P-6 ^S	07/24/17	--	--	--	--	--	--	Not part of the monitoring network
P-7 ^D	08/03/09	10:17	17.63	9.72	--	NP	7.91	--
P-7 ^D	08/17/09	9:52	17.63	9.80	--	NP	7.83	--
P-7 ^D	10/29/09	8:55	17.63	6.15	--	NP	11.48	--
P-7 ^D	01/18/10	13:14	17.63	8.56	--	NP	9.07	--
P-7 ^D	04/19/10	15:51	17.63	8.94	--	NP	8.69	--
P-7 ^D	07/19/10	8:00	17.63	7.36	--	NP	10.27	--
P-7 ^D	10/25/10	14:31	17.63	8.97	--	NP	8.66	--
P-7 ^D	03/21/11	12:52	17.63	8.62	--	NP	9.01	--
P-7 ^D	06/14/11	11:18	17.63	9.24	--	NP	8.39	--
P-7 ^D	09/26/11	11:23	17.63	9.55	--	NP	8.08	--
P-7 ^D	12/12/11	13:04	17.63	9.04	--	NP	8.59	--
P-7 ^D	03/27/12	14:36	17.63	8.66	--	NP	8.97	--
P-7 ^D	06/27/12	17:37	17.63	8.94	--	NP	8.69	--
P-7 ^D	09/25/12	8:19	17.63	9.49	--	NP	8.14	--
P-7 ^D	12/13/12	10:37	17.63	8.49	--	NP	9.14	--
P-7 ^D	03/25/13	10:47	17.63	8.81	--	NP	8.82	--
P-7 ^D	06/24/13	12:26	17.63	9.13	--	NP	8.50	--
P-7 ^D	09/23/13	14:00	17.63	9.16	--	NP	8.47	--
P-7 ^D	12/16/13	10:57	17.63	9.11	--	NP	8.52	--
P-7 ^D	03/26/14	8:50	17.63	8.66	--	NP	8.97	--
P-7 ^D	06/16/14	13:49	17.63	9.07	--	NP	8.56	--
P-7 ^D	09/29/14	15:59	17.63	9.12	--	NP	8.51	--
P-7 ^D	12/08/14	13:06	17.63	8.60	--	NP	9.03	--
P-7 ^D	03/23/15	14:34	17.63	8.82	--	NP	8.81	--
P-7 ^D	06/22/15	14:51	17.63	9.29	--	NP	8.34	--
P-7 ^D	10/27/16	9:44	17.63	8.56	--	NP	9.07	--
P-7 ^D	07/24/17	--	--	--	--	--	--	Not part of the monitoring network
P-8 ^D	08/03/09	10:24	16.07	8.52	--	NP	7.55	--
P-8 ^D	08/17/09	9:41	16.07	8.92	--	NP	7.15	--
P-8 ^D	10/29/09	8:53	16.07	8.03	--	NP	8.04	--
P-8 ^D	01/18/10	13:33	16.07	7.47	--	NP	8.60	--
P-8 ^D	04/19/10	15:45	16.07	7.80	--	NP	8.27	--
P-8 ^D	07/19/10	8:03	16.07	8.12	--	NP	7.95	--
P-8 ^D	10/25/10	14:24	16.07	7.80	--	NP	8.27	--
P-8 ^D	03/21/11	12:45	16.07	7.49	--	NP	8.58	--
P-8 ^D	06/14/11	11:05	16.07	8.16	--	NP	7.91	--
P-8 ^D	09/26/11	11:20	16.07	8.34	--	NP	7.73	--
P-8 ^D	12/12/11	12:48	16.07	7.94	--	NP	8.13	--
P-8 ^D	03/27/12	14:29	16.07	7.49	--	NP	8.58	--
P-8 ^D	06/27/12	17:41	16.07	7.78	--	NP	8.29	--
P-8 ^D	09/25/12	8:10	16.07	8.29	--	NP	7.78	--
P-8 ^D	12/13/12	10:21	16.07	7.34	--	NP	8.73	--
P-8 ^D	03/25/13	10:49	16.07	7.60	--	NP	8.47	--
P-8 ^D	06/24/13	12:12	16.07	7.89	--	NP	8.18	--
P-8 ^D	09/23/13	14:05	16.07	8.01	--	NP	8.06	--
P-8 ^D	12/16/13	10:40	16.07	7.93	--	NP	8.14	--
P-8 ^D	03/26/14	8:35	16.07	7.41	--	NP	8.66	--

Table 1
Groundwater Elevation Data
Former Unocal Terminal
11720 Unoco Road
Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
P-8 ^D	06/16/14	13:53	16.07	7.95	--	NP	8.12	--
P-8 ^D	09/29/14	15:50	16.07	7.94	--	NP	8.13	--
P-8 ^D	12/08/14	12:55	16.07	7.45	--	NP	8.62	--
P-8 ^D	03/23/14	14:33	16.07	7.60	--	NP	8.47	--
P-8 ^D	06/22/15	15:09	16.07	8.18	--	NP	7.89	--
P-8 ^D	10/27/16	9:58	16.07	7.41	--	NP	8.66	--
P-8 ^D	07/24/17	--	--	--	--	--	--	Not part of the monitoring network
P-9	08/25/11	12:51	13.86	7.57	--	NP	6.29	--
P-9	09/02/11	10:04	13.86	7.58	--	NP	6.28	--
P-9	09/09/11	7:58	13.86	7.61	--	NP	6.25	--
P-9	09/16/11	14:42	13.86	7.64	--	NP	6.22	--
P-9	09/26/11	11:03	13.86	8.62	--	NP	5.24	--
P-9	10/28/11	9:52	13.86	7.59	--	NP	6.27	--
P-9	11/18/11	8:55	13.86	7.45	--	NP	6.41	--
P-9	12/12/11	13:55	13.86	7.00	--	NP	6.86	--
P-9	03/27/12	14:17	13.86	6.39	--	NP	7.47	--
P-9	06/27/12	17:23	13.86	6.95	--	NP	6.91	--
P-9	09/25/12	7:59	13.86	7.62	--	NP	6.24	--
P-9	12/13/12	10:50	13.86	6.33	--	NP	7.53	--
P-9	03/25/13	11:34	13.86	6.79	--	NP	7.07	--
P-9	06/24/13	12:04	13.86	7.33	--	NP	6.53	--
P-9	09/23/13	14:59	13.86	7.23	--	NP	6.63	--
P-9	12/16/13	10:31	13.86	7.38	--	NP	6.48	--
P-9	03/26/14	9:13	13.86	6.52	--	NP	7.34	--
P-9	06/16/14	13:50	13.86	7.25	--	NP	6.61	--
P-9	09/29/14	15:48	13.86	7.16	--	NP	6.70	--
P-9	12/08/14	12:48	13.86	6.53	--	NP	7.33	--
P-9	03/23/15	14:00	13.86	6.59	--	NP	7.27	--
P-9	06/22/15	15:24	13.86	7.36	--	NP	6.50	--
P-9	10/27/16	9:48	13.86	6.09	--	NP	7.77	--
P-9	07/24/17	--	--	--	--	--	--	Not part of the monitoring network
P-10	08/25/11	12:49	11.07	4.98	--	NP	6.09	--
P-10	09/02/11	10:08	11.07	4.97	--	NP	6.10	--
P-10	09/09/11	8:02	11.07	5.00	--	NP	6.07	--
P-10	09/16/11	14:35	11.07	5.00	--	NP	6.07	--
P-10	09/26/11	10:59	11.07	4.96	--	NP	6.11	--
P-10	10/28/11	9:56	11.07	4.80	--	NP	6.27	--
P-10	11/18/11	9:00	11.07	4.81	--	NP	6.26	--
P-10	12/12/11	12:18	11.07	4.36	--	NP	6.71	--
P-10	03/27/12	14:08	11.07	3.74	--	NP	7.33	--
P-10	06/27/12	17:15	11.07	4.31	--	NP	6.76	--
P-10	09/25/12	7:47	11.07	4.92	--	NP	6.15	--
P-10	12/13/12	10:25	11.07	3.61	--	NP	7.46	--
P-10	03/25/13	11:32	11.07	4.08	--	NP	6.99	--
P-10	06/24/13	12:00	11.07	4.51	--	NP	6.56	--
P-10	09/23/13	13:47	11.07	4.61	--	NP	6.46	--
P-10	12/16/13	10:21	11.07	4.66	--	NP	6.41	--
P-10	03/26/14	8:40	11.07	3.90	--	NP	7.17	--
P-10	06/16/14	13:44	11.07	4.56	--	NP	6.51	--
P-10	09/29/14	13:52	11.07	4.44	--	NP	6.63	--
P-10	12/08/14	12:40	11.07	3.85	--	NP	7.22	--
P-10	03/23/15	14:21	11.07	3.99	--	NP	7.08	--
P-10	06/22/15	15:28	11.07	4.77	--	NP	6.30	--
P-10	10/27/16	9:46	11.07	2.55	--	NP	8.52	--
P-10	07/24/17	--	--	--	--	--	--	Not part of the monitoring network
P-11	08/25/11	12:45	13.63	7.49	--	NP	6.14	--
P-11	09/02/11	10:10	13.63	7.49	--	NP	6.14	--
P-11	09/09/11	8:05	13.63	7.50	--	NP	6.13	--
P-11	09/16/11	14:30	13.63	7.53	--	NP	6.10	--
P-11	09/26/11	12:15	13.63	7.50	--	NP	6.13	--
P-11	10/28/11	9:59	13.63	7.36	--	NP	6.27	--
P-11	11/18/11	9:03	13.63	7.31	--	NP	6.32	--
P-11	12/12/11	13:58	13.63	6.75	--	NP	6.88	--
P-11	03/27/12	14:03	13.63	6.14	--	NP	7.49	--
P-11	06/27/12	17:13	13.63	6.71	--	NP	6.92	--
P-11	09/25/12	7:44	13.63	7.42	--	NP	6.21	--
P-11	12/13/12	10:41	13.63	6.08	--	NP	7.55	--
P-11	03/25/13	10:27	13.63	6.52	--	NP	7.11	--
P-11	06/24/13	11:48	13.63	7.11	--	NP	6.52	--
P-11	09/23/13	13:46	13.63	7.02	--	NP	6.61	--
P-11	12/16/13	10:23	13.63	7.19	--	NP	6.44	--
P-11	03/26/14	8:37	13.63	6.31	--	NP	7.32	--
P-11	06/16/14	13:40	13.63	7.02	--	NP	6.61	--

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Former Unocal Terminal
11720 Unoco Road
Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
P-11	09/29/14	13:50	13.63	6.95	--	NP	6.68	--
P-11	12/08/14	12:35	13.63	6.29	--	NP	7.34	--
P-11	03/23/15	14:24	13.63	6.40	--	NP	7.23	--
P-11	06/22/15	15:29	13.63	7.20	--	NP	6.43	--
P-11	10/27/16	9:44	13.63	5.83	--	NP	7.80	--
P-11	07/24/17	--	--	--	--	--	--	Not part of the monitoring network
P-12	08/25/11	12:42	13.03	7.26	--	NP	5.77	--
P-12	09/02/11	10:14	13.03	7.10	--	NP	5.93	--
P-12	09/09/11	8:08	13.03	7.11	--	NP	5.92	--
P-12	09/16/11	14:10	13.03	7.18	--	<0.01	5.85	Field note not available
P-12	09/26/11	12:37	13.03	7.16	7.15	0.01	5.88	See **
P-12	10/28/11	10:03	13.03	6.91	--	NP	6.12	--
P-12	11/18/11	9:13	13.03	6.98	--	NP	6.05	--
P-12	12/12/11	13:59	13.03	6.61	--	NP	6.42	--
P-12	03/27/12	14:24	13.03	6.11	--	NP	6.92	--
P-12	06/27/12	17:08	13.03	6.70	6.61	0.09	6.40	See **
P-12	09/25/12	8:05	13.03	7.32	7.25	0.07	5.77	See **
P-12	12/13/12	10:41	13.03	5.91	--	<0.01	7.12	Film observed during gauging
P-12	03/25/13	10:43	13.03	6.56	--	<0.01	6.47	Film observed during gauging
P-12	06/24/13	12:35	13.03	6.98	6.91	0.07	6.11	See **
P-12	09/23/13	14:20	13.03	6.71	6.69	0.02	6.34	See **
P-12	12/16/13	10:56	13.03	7.03	6.95	0.08	6.06	See **
P-12	03/26/14	9:11	13.03	6.30	--	<0.01	6.73	Film observed during gauging
P-12	06/16/14	14:55	13.03	--	7.82	--	--	See +
P-12	09/29/14	14:57	13.03	--	6.50	--	--	See +
P-12	12/08/14	12:18	13.03	5.98	--	NP	7.05	--
P-12	03/23/15	14:12	13.03	6.41	--	<0.01	6.62	Film observed during gauging
P-12	06/22/15	15:00	13.03	--	7.00	--	--	See +
P-12	10/27/16	9:41	13.03	6.3	5.83	0.47	7.11	See **
P-12	07/24/17	--	--	--	--	--	--	Not part of the monitoring network
P-13	08/25/11	12:40	13.02	6.90	--	NP	6.12	--
P-13	09/02/11	10:17	13.02	6.84	--	NP	6.18	--
P-13	09/09/11	8:11	13.02	6.89	--	NP	6.13	--
P-13	09/16/11	14:17	13.02	6.91	--	<0.01	6.11	Field note not available
P-13	09/26/11	12:23	13.02	6.93	6.90	0.03	6.11	See **
P-13	10/28/11	10:20	13.02	6.75	6.74	0.01	6.28	See **
P-13	11/18/11	9:19	13.02	--	6.66	--	--	See +
P-13	12/12/11	12:11	13.02	6.46	6.23	0.23	6.74	See **
P-13	03/27/12	14:11	13.02	5.70	5.60	0.10	7.40	See **
P-13	06/27/12	16:47	13.02	--	6.15	--	--	See +
P-13	09/25/12	8:26	13.02	--	6.90	--	--	See +
P-13	12/13/12	11:00	13.02	--	5.50	--	--	See +
P-13	03/25/13	10:31	13.02	--	5.98	--	--	See +
P-13	06/24/13	12:23	13.02	--	6.54	--	--	See +
P-13	09/23/13	14:00	13.02	7.60	6.35	1.25	6.42	See **
P-13	12/16/13	10:43	13.02	7.94	6.59	1.35	6.16	See **
P-13	03/26/14	8:15	13.02	--	5.65	--	--	See +
P-13	06/16/14	15:00	13.02	--	8.63	--	--	See +
P-13	09/29/14	15:12	13.02	7.60	6.27	1.33	6.48	See **
P-13	12/08/14	12:29	13.02	7.50	5.54	1.96	7.09	See **
P-13	03/23/15	14:00	13.02	6.89	5.70	1.19	7.08	See **
P-13	06/22/15	14:45	13.02	7.92	6.60	1.32	6.16	See **
P-13	10/27/16	9:34	13.02	5.20	5.07	0.13	7.92	See **
P-13	07/24/17	--	--	--	--	--	--	Not part of the monitoring network
P-14	08/25/11	12:38	12.14	6.79	--	NP	5.35	--
P-14	09/02/11	10:21	12.14	6.37	--	NP	5.77	--
P-14	09/09/11	8:14	12.14	6.50	--	NP	5.64	--
P-14	09/16/11	14:23	12.14	6.51	--	NP	5.63	--
P-14	09/26/11	12:19	12.14	6.60	--	NP	5.54	--
P-14	10/28/11	10:16	12.14	6.13	--	NP	6.01	--
P-14	11/18/11	9:16	12.14	6.24	--	NP	5.90	--
P-14	12/12/11	14:03	12.14	5.98	--	NP	6.16	--
P-14	03/27/12	14:03	12.14	5.78	--	NP	6.36	--
P-14	06/27/12	17:10	12.14	6.15	--	NP	5.99	--
P-14	09/25/12	7:41	12.14	6.79	--	NP	5.35	--
P-14	12/13/12	10:30	12.14	5.31	--	NP	6.83	--
P-14	03/25/13	11:30	12.14	6.22	--	NP	5.92	--
P-14	06/24/13	12:17	12.14	6.43	--	NP	5.71	--
P-14	09/23/13	13:45	12.14	6.00	--	NP	6.14	--
P-14	12/16/13	10:43	12.14	6.25	--	NP	5.89	--
P-14	03/26/14	8:30	12.14	5.66	--	NP	6.48	--
P-14	06/16/14	15:10	12.14	6.52	--	NP	5.62	--
P-14	09/29/14	15:48	12.14	5.95	--	NP	6.19	--

Table 1
Groundwater Elevation Data
Former Unocal Terminal
11720 Unoco Road
Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
P-14	12/08/14	13:19	12.14	5.30	--	NP	6.84	--
P-14	03/23/15	14:54	12.14	5.71	--	NP	6.43	--
P-14	06/22/15	14:41	12.14	6.57	--	NP	5.57	--
P-14	10/27/16	10:05	12.14	5.39	--	NP	6.75	--
P-14	07/24/17	--	--	--	--	--	--	Not part of the monitoring network
P-15	08/25/11	12:30	12.54	7.48	--	NP	5.06	--
P-15	09/02/11	10:23	12.54	6.97	--	NP	5.57	--
P-15	09/09/11	8:17	12.54	7.22	--	NP	5.32	--
P-15	09/16/11	14:48	12.54	7.10	--	NP	5.44	--
P-15	09/26/11	10:56	12.54	7.15	--	NP	5.39	--
P-15	10/28/11	10:11	12.54	6.68	--	NP	5.86	--
P-15	11/18/11	9:09	12.54	6.83	--	NP	5.71	--
P-15	12/12/11	12:55	12.54	6.65	--	NP	5.89	--
P-15	03/27/12	14:07	12.54	6.34	--	NP	6.20	--
P-15	06/27/12	17:08	12.54	6.79	--	NP	5.75	--
P-15	09/25/12	7:45	12.54	7.35	--	NP	5.19	--
P-15	12/13/12	11:20	12.54	5.90	--	NP	6.64	--
P-15	03/25/13	11:05	12.54	-- ⁺	6.65	-- ⁺	-- ⁺	See +
P-15	06/24/13	11:53	12.54	6.90	6.76	0.14	5.75	See **
P-15	09/23/13	14:30	12.54	6.55	--	NP	5.99	--
P-15	12/16/13	10:25	12.54	6.84	6.78	0.06	5.75	See **
P-15	03/26/14	8:48	12.54	-- ⁺	6.33	-- ⁺	-- ⁺	See +
P-15	06/16/14	15:15	12.54	-- ⁺	7.29	-- ⁺	-- ⁺	See +
P-15	09/29/14	15:35	12.54	6.53	6.51	0.02	6.03	See **
P-15	12/08/14	12:06	12.54	5.83	--	NP	6.71	--
P-15	03/23/15	14:24	12.54	6.50	--	NP	6.04	LNAPL observed on probe during gauging
P-15	06/22/15	15:13	12.54	7.18	--	NP	5.36	--
P-15	10/27/16	10:15	12.54	5.92	--	<0.01	6.62	Film observed during gauging, confirmed with bailer
P-15	07/24/17	--	--	--	--	--	--	Not part of the monitoring network
P-16	08/25/11	12:25	9.04	3.60	--	NP	5.44	--
P-16	09/02/11	10:25	9.04	3.41	--	NP	5.63	--
P-16	09/09/11	8:19	9.04	3.42	--	NP	5.62	--
P-16	09/16/11	14:52	9.04	3.39	--	NP	5.65	--
P-16	09/26/11	11:00	9.04	3.38	--	NP	5.66	--
P-16	10/28/11	10:07	9.04	3.14	--	NP	5.90	--
P-16	11/18/11	9:07	9.04	3.22	--	NP	5.82	--
P-16	12/12/11	12:38	9.04	2.93	--	NP	6.11	--
P-16	03/27/12	14:06	9.04	2.43	--	NP	6.61	--
P-16	06/27/12	17:11	9.04	2.86	--	NP	6.18	--
P-16	09/25/12	7:51	9.04	3.45	--	NP	5.59	--
P-16	12/13/12	10:19	9.04	2.31	--	NP	6.73	--
P-16	03/25/13	10:24	9.04	2.55	--	NP	6.49	--
P-16	06/24/13	12:40	9.04	2.88	--	NP	6.16	--
P-16	09/23/13	13:53	9.04	2.96	--	NP	6.08	--
P-16	12/16/13	10:45	9.04	3.01	--	NP	6.03	--
P-16	03/26/14	8:35	9.04	2.73	--	NP	6.31	--
P-16	06/16/14	15:05	9.04	3.25	--	NP	5.79	--
P-16	09/29/14	15:50	9.04	2.95	--	NP	6.09	--
P-16	12/08/14	12:10	9.04	2.35	--	NP	6.69	--
P-16	03/23/15	14:49	9.04	2.47	--	NP	6.57	--
P-16	06/22/15	15:40	9.04	3.32	--	NP	5.72	--
P-16	10/27/16	10:30	9.04	2.66	--	NP	6.38	--
P-16	07/24/17	--	--	--	--	--	--	Not part of the monitoring network
Staff Gauges								
D-1 ¹	06/22/09	10:43	8.84	2.58	--	NP	6.26	--
D-1 ¹	06/22/09	12:31		2.81	--	NP	6.03	--
D-1 ¹	08/03/09	9:34		2.85	--	NP	5.99	--
D-1 ¹	08/03/09	12:02		2.82	--	NP	6.02	--
D-1 ¹	08/17/09	7:48		2.79	--	NP	6.05	--
D-1 ¹	08/17/09	10:59		2.87	--	NP	5.97	--
D-1 ¹	10/29/09	7:48		2.68	--	NP	6.16	--
D-1 ¹	10/29/09	10:08		2.54	--	NP	6.30	--
D-1 ¹	01/18/10	12:34		1.48	--	NP	7.36	--
D-1 ¹	01/18/10	14:39		1.83	--	NP	7.01	--
D-1 ¹	04/19/10	14:09		2.62	--	NP	6.22	--
D-1 ¹	04/19/10	16:13		2.78	--	NP	6.06	--
D-1 ¹	07/19/10	5:35		2.50	--	NP	6.34	--
D-1 ¹	07/19/10	9:08		3.86	--	NP	4.98	--
D-1 ¹	10/25/10	12:18		1.30	--	NP	7.54	--
D-1 ¹	10/25/10	15:33		1.85	--	NP	6.99	--
D-1 ¹	03/21/11	11:17		2.50	--	NP	6.34	--
D-1 ¹	03/21/11	13:56		2.80	--	NP	6.04	--
D-1 ¹	06/14/11	8:54		2.40	--	NP	6.44	--

Table 1
 Groundwater Elevation Data
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
D-1 ¹	06/14/11	12:49		2.92	--	NP	5.92	--
D-1 ¹	09/26/11	8:56		2.43	--	NP	6.41	--
D-1 ¹	09/26/11	--		2.69	--	NP	6.15	--
D-1 ¹	12/12/11	10:15		2.27	--	NP	6.57	--
D-1 ¹	12/12/11	14:40		2.70	--	NP	6.14	--
D-1 ¹	03/27/12	12:43		2.16	--	NP	6.68	--
D-1 ¹	03/27/12	13:46		2.75	--	NP	6.09	--
D-1 ¹	06/27/12	15:11		2.90	--	NP	5.94	--
D-1 ¹	06/27/12	18:40		2.85	--	NP	5.99	--
D-1 ¹	09/25/12	6:15		2.90	--	NP	5.94	--
D-1 ¹	09/25/12	9:35		2.88	--	NP	5.96	--
D-1 ¹	12/13/12	9:03		1.95	--	NP	6.89	--
D-1 ¹	12/13/12	12:18		2.41	--	NP	6.43	--
D-1 ¹	03/25/13	9:00		2.28	--	NP	6.56	--
D-1 ¹	03/25/13	11:45		2.96	--	NP	5.88	--
D-1 ¹	06/24/13	10:36		1.80	--	NP	7.04	--
D-1 ¹	06/24/13	13:05		2.58	--	NP	6.26	--
D-1 ¹	09/23/13	12:20		1.61	--	NP	7.23	--
D-1 ¹	09/23/13	15:35		2.78	--	NP	6.06	--
D-1 ¹	12/16/13	9:33		2.72	--	NP	6.12	--
D-1 ¹	12/16/13	11:32		2.91	--	NP	5.93	--
D-1 ¹	03/26/14	6:55		1.38	--	NP	7.46	--
D-1 ¹	03/26/14	10:00		2.21	--	NP	6.63	--
D-1 ¹	06/16/14	12:52		2.64	--	NP	6.20	--
D-1 ¹	06/16/14	14:42		2.21	--	NP	6.63	--
D-1 ¹	09/29/14	13:55		2.01	--	NP	6.83	--
D-1 ¹	09/29/14	16:20		2.77	--	NP	6.07	--
D-1 ¹	12/08/14	10:30		1.97	--	NP	6.87	--
D-1 ¹	12/08/14	13:35		2.50	--	NP	6.34	--
D-1 ¹	03/23/14	12:37		1.90	--	NP	6.94	--
D-1 ¹	03/23/14	15:30		2.55	--	NP	6.29	--
D-1 ¹	06/22/15	14:10		2.88	--	NP	5.96	--
D-1 ¹	06/22/15	16:19		2.89	--	NP	5.95	--
D-1 ¹	10/27/16	7:45		1.94	--	NP	6.90	--
D-1 ¹	10/27/16	10:34		2.50	--	NP	6.34	--
D-1 ¹	07/24/17	11:15		2.29	--	NP	6.55	--
D-1 ¹	07/24/17	14:03		2.67	--	NP	6.17	--
D-2	10/20/08	17:15	5.60	1.20	--	NP	6.80	--
D-2	12/08/08	11:05		1.24	--	NP	6.84	--
D-2	02/20/09	9:55		0.60	--	NP	6.20	--
D-2	04/20/09	9:49		0.20	--	NP	5.80	--
D-2	06/22/09	10:50	8.67	2.30	--	NP	6.37	--
D-2	06/22/09	12:35		2.44	--	NP	6.23	--
D-2	08/03/09	9:40		2.43	--	NP	6.24	--
D-2	08/03/09	12:05		2.45	--	NP	6.22	--
D-2	08/17/09	7:53		2.50	--	NP	6.17	--
D-2	08/17/09	11:03		2.50	--	NP	6.17	--
D-2	10/29/09	7:52		2.35	--	NP	6.32	--
D-2	10/29/09	10:14		2.25	--	NP	6.42	--
D-2	01/18/10	12:38		1.38	--	NP	7.29	--
D-2	01/18/10	14:43		1.76	--	NP	6.91	--
D-2	04/19/10	14:14		2.32	--	NP	6.35	--
D-2	04/19/10	16:16		2.44	--	NP	6.23	--
D-2	07/19/10	5:46		2.26	--	NP	6.41	--
D-2	07/19/10	9:13		2.45	--	NP	6.22	--
D-2	10/25/10	12:23		1.00	--	NP	7.67	--
D-2	10/25/10	15:40		1.60	--	NP	7.07	--
D-2	03/21/11	11:21		2.27	--	NP	6.40	--
D-2	03/21/11	14:06		2.45	--	NP	6.22	--
D-2	06/14/11	9:23		2.64	--	NP	6.03	--
D-2	06/14/11	12:54		2.45	--	NP	6.22	--
D-2	09/26/11	9:25		2.30	--	NP	6.37	--
D-2	09/26/11	--		2.39	--	NP	6.28	--
D-2	12/12/11	10:21		2.09	--	NP	6.58	--
D-2	12/12/11	14:47		2.50	--	NP	6.17	--
D-2	03/27/12	12:49		2.00	--	NP	6.67	--
D-2	03/27/12	15:51		2.88	--	NP	5.79	--
D-2	06/27/12	15:28		2.50	--	NP	6.17	--
D-2	06/27/12	18:45		2.50	--	NP	6.17	--
D-2	09/25/12	6:20		2.60	--	NP	6.07	--
D-2	09/25/12	9:42		2.53	--	NP	6.14	--
D-2	12/13/12	9:10		1.80	--	NP	6.87	--
D-2	12/13/12	12:05		2.34	--	NP	6.33	--

Table 1
 Groundwater Elevation Data
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
D-2	03/25/13	9:07		2.07	--	NP	6.60	--
D-2	03/25/13	11:40		2.53	--	NP	6.14	--
D-2	06/24/13	10:44		1.60	--	NP	7.07	--
D-2	06/24/13	12:44		2.30	--	NP	6.37	--
D-2	09/23/13	12:10		1.49	--	NP	7.18	--
D-2	09/23/13	15:45		2.59	--	NP	6.08	--
D-2	12/16/13	9:40		2.65	--	NP	6.02	--
D-2	12/16/13	11:36		2.74	--	NP	5.93	--
D-2	03/26/14	7:05		1.51	--	NP	7.16	--
D-2	03/26/14	10:10		2.32	--	NP	6.35	--
D-2	06/16/14	12:59		2.74	--	NP	5.93	--
D-2	06/16/14	14:47		2.83	--	NP	5.84	--
D-2	09/29/14	14:15		2.24	--	NP	6.43	--
D-2	09/29/14	16:15		2.80	--	NP	5.87	--
D-2	12/08/14	10:40		2.15	--	NP	6.52	--
D-2	12/08/14	13:40		2.66	--	NP	6.01	--
D-2	03/23/15	12:50		1.87	--	NP	6.80	--
D-2	03/26/15	15:39		2.69	--	NP	5.98	--
D-2	06/22/15	14:06		2.89	--	NP	5.78	--
D-2	06/22/15	16:29		2.91	--	NP	5.76	--
D-2	10/27/16	7:55		2.11	--	NP	6.56	--
D-2	10/27/16	10:27		2.63	--	NP	6.04	--
D-2	07/24/17	11:28		4.50	--	NP	4.17	--
D-2	07/24/17	14:10		2.70	--	NP	5.97	--
D-3	10/20/08	17:18	5.20	1.90	--	NP	7.10	--
D-3	12/08/08	11:09		1.78	--	NP	6.98	--
D-3	02/20/09	9:59		1.20	--	NP	6.40	--
D-3	04/20/09	9:53		1.20	--	NP	6.40	--
D-3	06/22/09	11:02	8.39 ³	2.19	--	NP	6.20	--
D-3	06/22/09	12:40		2.24	--	NP	6.15	--
D-3	08/03/09	9:49		2.30	--	NP	6.09	--
D-3	08/03/09	12:10		2.23	--	NP	6.16	--
D-3	08/17/09	7:57		2.19	--	NP	6.20	--
D-3	08/17/09	11:08		2.40	--	NP	5.99	--
D-3	10/29/09	7:55		2.07	--	NP	6.32	--
D-3	10/29/09	10:13		2.04	--	NP	6.35	--
D-3	01/18/10	12:23		1.22	--	NP	7.17	--
D-3	01/18/10	14:46		1.52	--	NP	6.87	--
D-3	04/19/10	14:18		2.12	--	NP	6.27	--
D-3	04/19/10	16:22		2.29	--	NP	6.10	--
D-3	07/19/10	5:55		2.10	--	NP	6.29	--
D-3	07/19/10	9:17		2.28	--	NP	6.11	--
D-3	10/25/10	12:29		0.80	--	NP	7.59	--
D-3	10/25/10	15:42		1.45	--	NP	6.94	--
D-3	03/21/11	11:25		2.30	--	NP	6.09	--
D-3	03/21/11	14:05		2.50	--	NP	5.89	--
D-3	06/14/11	9:06		2.05	--	NP	6.34	--
D-3	06/14/11	12:59		2.35	--	NP	6.04	--
D-3	09/26/11	9:45		2.19	--	NP	6.20	--
D-3	09/26/11	--		2.08	--	NP	6.31	--
D-3	12/12/11	10:27		3.16	--	NP	5.23	--
D-3	12/12/11	14:55		3.47	--	NP	4.92	--
D-3	03/27/12	12:53		2.94	--	NP	5.45	--
D-3	03/27/12	15:55		3.53	--	NP	4.86	--
D-3	06/27/12	15:22		-- ⁴	--	NP	-- ⁴	--
D-3	06/27/12	18:52	8.70 ⁵	2.60	--	NP	6.10	--
D-3	09/25/12	6:25		2.72	--	NP	5.98	--
D-3	09/25/12	9:45		2.73	--	NP	5.97	--
D-3	12/13/12	9:15		1.90	--	NP	6.80	--
D-3	12/13/12	12:09		2.40	--	NP	6.30	--
D-3	03/25/13	9:15		2.20	--	NP	6.50	--
D-3	03/25/13	11:37		2.60	--	NP	6.10	--
D-3	06/24/13	10:49		1.81	--	NP	6.89	--
D-3	06/24/13	12:37		2.45	--	NP	6.25	--
D-3	09/23/13	12:45		1.42	--	NP	7.28	--
D-3	09/23/13	15:55		2.65	--	NP	6.05	--
D-3	12/16/13	9:44		2.55	--	NP	6.15	--
D-3	12/16/13	11:39		2.65	--	NP	6.05	--
D-3	03/26/14	7:10		1.25	--	NP	7.45	--
D-3	03/26/14	10:15		2.06	--	NP	6.64	--
D-3	06/16/14	12:59		2.44	--	NP	6.26	--
D-3	06/16/14	14:49		2.54	--	NP	6.16	--
D-3	09/29/14	14:10		2.83	--	NP	5.87	--

Table 1
Groundwater Elevation Data
Former Unocal Terminal
11720 Unoco Road
Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
D-3	09/29/14	--	--	--	--	--	--	D-3 appears to have been moved
D-3	12/08/14	10:50	--	3.07	--	NP	--	Top of casing elevation not available
D-3	12/08/14	13:50	--	0.59	--	NP	--	Top of casing elevation not available
D-3	03/23/15	12:44	--	2.67	--	NP	--	Top of casing elevation not available
D-3	03/23/15	15:40	--	3.56	--	NP	--	Top of casing elevation not available
D-3	06/22/15	14:00	--	3.82	--	NP	--	Top of casing elevation not available
D-3	06/22/15	16:30	--	3.83	--	NP	--	Top of casing elevation not available
D-3	10/27/16	8:05	--	3.02	--	NP	--	Top of casing elevation not available
D-3	10/27/16	10:21	--	3.49	--	NP	--	Top of casing elevation not available
D-3	07/24/17	--	--	--	--	--	--	Unable to access. Top of casing elevation not available
D-3	07/24/17	--	--	--	--	--	--	Unable to access. Top of casing elevation not available
D-4 ²	06/22/09	10:19	9.39 ³	2.96	--	NP	6.43	--
D-4 ²	06/22/09	12:54		2.81	--	NP	6.58	--
D-4 ²	08/03/09	10:09		2.93	--	NP	6.46	--
D-4 ²	08/03/09	12:25		2.95	--	NP	6.44	--
D-4 ²	08/17/09	8:10		2.92	--	NP	6.47	--
D-4 ²	08/17/09	11:19		2.94	--	NP	6.45	--
D-4 ²	10/29/09	8:19		2.74	--	NP	6.65	--
D-4 ²	10/29/09	10:34		2.59	--	NP	6.80	--
D-4 ²	01/18/10	12:55		2.06	--	NP	7.33	--
D-4 ²	01/18/10	15:00		2.35	--	NP	7.04	--
D-4 ²	04/19/10	14:33		2.87	--	NP	6.52	--
D-4 ²	04/19/10	16:39		2.95	--	NP	6.44	--
D-4 ²	07/19/10	6:19		2.90	--	NP	6.49	--
D-4 ²	07/19/10	9:34		3.00	--	NP	6.39	--
D-4 ²	10/25/10	12:45		1.70	--	NP	7.69	--
D-4 ²	10/25/10	15:36		2.40	--	NP	6.99	--
D-4 ²	03/21/11	11:48		2.83	--	NP	6.56	--
D-4 ²	03/21/11	14:15		2.90	--	NP	6.49	--
D-4 ²	06/14/11	9:00		2.35	--	NP	7.04	--
D-4 ²	06/14/11	13:12		2.93	--	NP	6.46	--
D-4 ²	09/26/11	10:00		2.82	--	NP	6.57	--
D-4 ²	09/26/11	--		3.03	--	NP	6.36	--
D-4 ²	12/12/11	10:48		2.86	--	NP	6.53	--
D-4 ²	12/12/11	15:05		2.18	--	NP	7.21	--
D-4 ²	03/27/12	13:05		2.70	--	NP	6.69	--
D-4 ²	03/27/12	16:14		3.01	--	NP	6.38	--
D-4 ²	06/27/12	15:43		3.05	--	NP	6.34	--
D-4 ²	06/27/12	19:02		3.00	--	NP	6.39	--
D-4 ²	09/25/12	6:35		3.09	--	NP	6.30	--
D-4 ²	09/25/12	9:55		3.05	--	NP	6.34	--
D-4 ²	12/13/12	9:35		2.45	--	NP	6.94	--
D-4 ²	12/13/12	12:35		2.77	--	NP	6.62	--
D-4 ²	03/25/13	9:30		2.83	--	NP	6.56	--
D-4 ²	03/25/13	11:05		3.05	--	NP	6.34	--
D-4 ²	06/24/13	11:00		2.42	--	NP	6.97	--
D-4 ²	06/24/13	13:30		3.04	--	NP	6.35	--
D-4 ²	09/23/13	13:00		2.16	--	NP	7.23	--
D-4 ²	09/23/13	16:10		3.08	--	NP	6.31	--
D-4 ²	12/16/13	9:54		3.08	--	NP	6.31	--
D-4 ²	12/16/13	11:50		3.13	--	NP	6.26	--
D-4 ²	03/26/14	7:20		1.90	--	NP	7.49	--
D-4 ²	03/26/14	10:20		2.69	--	NP	6.70	--
D-4 ²	06/16/14	13:00		3.02	--	NP	6.37	--
D-4 ²	06/16/14	14:57		3.04	--	NP	6.35	--
D-4 ²	09/29/14	14:25		2.66	--	NP	6.73	--
D-4 ²	09/29/14	16:00		2.98	--	NP	6.41	--
D-4 ²	12/08/14	11:00		2.50	--	NP	6.89	--
D-4 ²	12/08/14	13:55		3.00	--	NP	6.39	--
D-4 ²	03/23/15	12:55		2.18	--	NP	7.21	--
D-4 ²	03/23/15	15:32		2.94	--	NP	6.45	--
D-4 ²	06/22/15	14:38		3.08	--	NP	6.31	--
D-4 ²	06/22/15	16:46		3.11	--	NP	6.28	--
D-4 ²	10/27/16	8:25		2.39	--	NP	7.00	--
D-4 ²	10/27/16	10:48		2.68	--	NP	6.71	--
D-4 ²	07/24/17	11:46		2.74	--	NP	6.65	--
D-4 ²	07/24/17	14:22		2.90	--	NP	6.49	--
D-5	10/20/08	--	--	--	--	--	--	--
D-5	12/08/08	11:18	5.60	1.25	--	NP	6.85	--
D-5	02/20/09	9:45		0.30	--	NP	5.90*	See *
D-5	04/20/09	9:22		0.10	--	NP	5.70	--
D-5	06/22/09	10:39	9.09 ³	2.88	--	NP	6.21	--
D-5	06/22/09	12:28		3.10	--	NP	5.99	--

Table 1
 Groundwater Elevation Data
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
D-5	08/03/09	9:32		3.10	--	NP	5.99	--
D-5	08/03/09	11:59		3.12	--	NP	5.97	--
D-5	08/17/09	7:46		3.12	--	NP	5.97	--
D-5	08/17/09	10:56		3.17	--	NP	5.92	--
D-5	10/29/09	7:45		2.99	--	NP	6.10	--
D-5	10/29/09	10:04		2.88	--	NP	6.21	--
D-5	01/18/10	12:29		1.76	--	NP	7.33	--
D-5	01/18/10	14:35		2.10	--	NP	6.99	--
D-5	04/19/10	14:05		2.87	--	NP	6.22	--
D-5	04/19/10	16:10		Dry	--	NP	Dry	--
D-5	07/19/10	5:32		2.78	--	NP	6.31	--
D-5	07/19/10	9:04		Dry	--	NP	Dry	--
D-5	10/25/10	12:15		1.50	--	NP	7.59	--
D-5	10/25/10	15:33		2.11	--	NP	6.98	--
D-5	03/21/11	11:13		2.80	--	NP	6.29	--
D-5	03/21/11	13:54		3.10	--	NP	5.99	--
D-5	06/14/11	8:50		2.65	--	NP	6.44	--
D-5	06/14/11	12:46		3.19	--	NP	5.90	--
D-5	09/26/11	8:50		2.69	--	NP	6.40	--
D-5	09/26/11	--		2.99	--	NP	6.10	--
D-5	12/12/11	10:09		2.49	--	NP	6.60	--
D-5	12/12/11	14:35		2.99	--	NP	6.10	--
D-5	03/27/12	12:36		2.44	--	NP	6.65	--
D-5	03/27/12	15:41		3.13	--	NP	5.96	--
D-5	06/27/12	15:10		3.20	--	NP	5.89	--
D-5	06/27/12	18:37		3.20	--	NP	5.89	--
D-5	09/25/12	6:10		Dry	--	NP	Dry	--
D-5	09/25/12	9:30		Dry	--	NP	Dry	--
D-5	12/13/12	9:00		2.20	--	NP	6.89	--
D-5	12/13/12	12:00		2.77	--	NP	6.32	--
D-5	03/25/13	8:55		2.55	--	NP	6.54	--
D-5	03/25/13	11:49		Dry	--	NP	Dry	--
D-5	06/24/13	10:33		2.08	--	NP	7.01	--
D-5	06/24/13	13:16		2.90	--	NP	6.19	--
D-5	09/23/13	12:10		1.88	--	NP	7.21	--
D-5	09/23/13	15:30		2.09	--	NP	7.00	--
D-5	12/16/13	9:29		3.01	--	NP	6.08	--
D-5	12/16/13	11:22		Dry	--	NP	Dry	--
D-5	03/26/14	6:50		1.66	--	NP	7.43	--
D-5	03/26/14	9:55		2.50	--	NP	6.59	--
D-5	06/16/14	12:48		2.95	--	NP	6.14	--
D-5	06/16/14	14:40		3.13	--	NP	5.96	--
D-5	09/29/14	13:50		2.29	--	NP	6.80	--
D-5	09/29/14	16:22		3.08	--	NP	6.01	--
D-5	12/08/14	10:20		2.29	--	NP	6.80	--
D-5	12/08/14	13:25		2.74	--	NP	6.35	--
D-5	03/23/15	12:34		2.20	--	NP	6.89	--
D-5	03/23/15	15:25		2.86	--	NP	6.23	--
D-5	06/22/15	14:12		3.20	--	NP	5.89	--
D-5	06/22/15	16:22		3.21	--	NP	5.88	--
D-5	10/27/16	7:40		2.27	--	NP	6.82	--
D-5	10/27/16	10:36		2.87	--	NP	6.22	--
D-5	07/24/17	11:12		2.61	--	NP	6.48	--
D-5	07/24/17	14:00		3.00	--	NP	6.09	--
D-6	10/20/08	--	--	--	--	--	--	--
D-6	12/08/08	11:22	2.80	3.00	--	NP	5.80	--
D-6	02/20/09	10:16		4.40	--	NP	7.20	--
D-6	04/20/09	9:40		4.30	--	NP	7.10	--
D-6	06/22/09	11:10	8.11 ³	3.12	--	NP	4.99	--
D-6	06/22/09	12:46		3.12	--	NP	4.99	--
D-6	08/03/09	9:59		3.30	--	NP	4.81	--
D-6	08/03/09	12:16		3.29	--	NP	4.82	--
D-6	08/17/09	8:02		3.30	--	NP	4.81	--
D-6	08/17/09	11:14		3.29	--	NP	4.82	--
D-6	10/29/09	8:09		2.76	--	NP	5.35	--
D-6	10/29/09	10:34		2.71	--	NP	5.40	--
D-6	01/18/10	12:46		3.77	--	NP	4.34	--
D-6	01/18/10	14:52		3.80	--	NP	4.31	--
D-6	04/19/10	14:25		2.20	--	NP	5.91	--
D-6	04/19/10	16:30		2.30	--	NP	5.81	--
D-6	07/19/10	6:08		2.35	--	NP	5.76	--
D-6	07/19/10	9:26		2.35	--	NP	5.76	--
D-6	10/25/10	12:36		1.65	--	NP	6.46	--

Table 1
 Groundwater Elevation Data
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
D-6	10/25/10	15:48		1.61	--	NP	6.50	--
D-6	03/21/11	11:35		1.64	--	NP	6.47	--
D-6	03/21/11	14:08		1.65	--	NP	6.46	--
D-6R	06/14/11	8:57	9.11	3.72	--	NP	5.39	--
D-6R	06/14/11	12:50		3.72	--	NP	5.39	--
D-6R	09/26/11	9:00		3.95	--	NP	5.16	--
D-6R	09/26/11	--		3.90	--	NP	5.21	--
D-6R	12/12/11	10:17		3.69	--	NP	5.42	--
D-6R	12/12/11	14:42		3.69	--	NP	5.42	--
D-6R	03/27/12	12:45		2.78	--	NP	6.33	--
D-6R	03/27/12	15:48		2.75	--	NP	6.36	--
D-6R	06/27/12	15:15		2.94	--	NP	6.17	--
D-6R	06/27/12	18:42		2.94	--	NP	6.17	--
D-6R	09/25/12	6:17		3.49	--	NP	5.62	--
D-6R	09/25/12	9:39		3.46	--	NP	5.65	--
D-6R	12/13/12	9:06		2.70	--	NP	6.41	--
D-6R	12/13/12	12:15		2.70	--	NP	6.41	--
D-6R	03/25/13	9:02		2.15	--	NP	6.96	--
D-6R	03/25/13	11:44		2.15	--	NP	6.96	--
D-6R	06/24/13	10:39		2.65	--	NP	6.46	--
D-6R	06/24/13	13:00		2.65	--	NP	6.46	--
D-6R	09/23/13	12:30		3.51	--	NP	5.60	--
D-6R	09/23/13	15:40		3.50	--	NP	5.61	--
D-6R	12/16/13	9:36		2.79	--	NP	6.32	--
D-6R	12/16/13	11:31		2.79	--	NP	6.32	--
D-6R	03/26/14	7:00		3.09	--	NP	6.02	--
D-6R	03/26/14	10:05		3.09	--	NP	6.02	--
D-6R	06/16/14	12:59		3.02	--	NP	6.09	--
D-6R	06/16/14	14:45		3.02	--	NP	6.09	--
D-6R	09/29/14	14:00		3.27	--	NP	5.84	--
D-6R	09/29/14	16:10		3.32	--	NP	5.79	--
D-6R	12/08/14	11:10		3.00	--	NP	6.11	--
D-6R	12/08/14	14:00		3.01	--	NP	6.10	--
D-6R	03/23/15	12:40		3.29	--	NP	5.82	--
D-6R	03/23/15	15:35		3.34	--	NP	5.77	--
D-6R	06/22/15	16:25		3.53	--	NP	5.58	--
D-6R	10/27/16	7:50		2.80	--	NP	6.31	--
D-6R	10/27/16	10:30		2.79	--	NP	6.32	--
D-6R	07/24/17	11:20		2.41	--	NP	6.70	--
D-6R	07/24/17	14:05		2.46	--	NP	6.65	--
D-7	10/20/08	17:23	7.60	Dry	--	NP	Dry	--
D-7	12/08/08	11:31		Dry	--	NP	Dry	--
D-7	02/20/09	10:48		Dry	--	NP	Dry	--
D-7	04/20/09	10:23		Dry	--	NP	Dry	--
TB	10/20/08	17:05	4.70	2.30	--	NP	7.00	--
TB	12/08/08	11:16		2.50	--	NP	7.20	--
TB	02/20/09	9:37		1.10	--	NP	5.80	--
TB	04/20/09	9:20		1.33	--	NP	6.03	--
TB	06/22/09	10:35		1.63	--	NP	6.33	--
TB	06/22/09	12:25		1.85	--	NP	6.55	--
TB	08/03/09	9:27		1.83	--	NP	6.53	--
TB	08/03/09	11:56		1.83	--	NP	6.53	--
TB	08/17/09	7:41		1.83	--	NP	6.53	--
TB	08/17/09	10:52		1.88	--	NP	6.58	--
TB	10/29/09	7:41		1.69	--	NP	6.39	--
TB	10/29/09	10:01		1.64	--	NP	6.34	--
TB	01/18/10	12:18		0.45	--	NP	5.15	--
TB	01/18/10	14:24		0.90	--	NP	5.60	--
TB	04/19/10	14:00		1.74	--	NP	6.44	--
TB	04/19/10	16:07		1.94	--	NP	6.64	--
TB	07/19/10	5:28		1.59	--	NP	6.29	--
TB	07/19/10	9:01		1.97	--	NP	6.67	--
TB	10/25/10	12:11		4.20	--	NP	8.90	--
TB	10/25/10	15:30		0.86	--	NP	5.56	--
TB	06/14/11	8:47		1.49	--	NP	6.19	--
TB	06/14/11	12:42		1.95	--	NP	6.65	--
TB	09/26/11	8:47		1.51	--	NP	6.21	--
TB	09/26/11	--		1.74	--	NP	6.44	--
TB	12/12/11	10:05		1.19	--	NP	5.89	--
TB	12/12/11	14:30		1.70	--	NP	6.40	--
TB	03/27/12	12:32		1.33	--	NP	6.03	--
TB	03/27/12	15:37		1.99	--	NP	6.69	--
TB	06/27/12	15:00		1.95	--	NP	6.65	--

Table 1
 Groundwater Elevation Data
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date	Time	Top of Casing Elevation (feet)	Depth to Water (top of casing) (feet)	Depth to LNAPL (feet)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)	Comment
TB	06/27/12	18:31		2.00	--	NP	6.70	--
TB	09/25/12	6:05		1.99	--	NP	6.69	--
TB	09/25/12	9:25		1.98	--	NP	6.68	--
TB	12/13/12	8:55		0.90	--	NP	5.60	--
TB	12/13/12	11:55		1.49	--	NP	6.19	--
TB	03/25/13	8:50		1.40	--	NP	6.10	--
TB	03/25/13	11:54		1.94	--	NP	6.64	--
TB	06/24/13	10:27		1.03	--	NP	5.73	--
TB	06/24/13	12:18		1.73	--	NP	6.43	--
TB	09/23/13	12:00		2.51	--	NP	7.21	--
TB	09/23/13	15:20		3.68	--	NP	8.38	--
TB	12/16/13	9:24		1.76	--	NP	6.46	--
TB	12/16/13	11:17		2.03	--	NP	6.73	--
TB	03/26/14	6:40		2.43	--	NP	7.13	--
TB	03/26/14	9:50		3.22	--	NP	7.92	--
TB	06/16/14	12:45		3.56	--	NP	8.26	--
TB	06/16/14	14:37		3.74	--	NP	8.44	--
TB	09/29/14	13:45		1.83	--	NP	6.53	--
TB	09/29/14	16:30		3.81	--	NP	8.51	--
TB	12/08/14	10:10		2.85	--	NP	7.55	--
TB	12/08/14	13:20		3.31	--	NP	8.01	--
TB	03/23/15	12:30		2.93	--	NP	7.63	--
TB	03/23/15	15:20		3.50	--	NP	8.20	--
TB	06/22/15	14:29		3.85	--	NP	8.55	--
TB	06/22/15	16:14		3.88	--	NP	8.58	--
TB	10/27/16	7:37		2.99	--	NP	7.69	--
TB	10/27/16	10:39		3.50	--	NP	8.20	--
TB	07/24/17	11:09		3.29	--	NP	7.99	--
TB	07/24/17	13:58		3.64	--	NP	8.34	--

Notes:

amsl= Above Mean Sea Level

LNAPL = Light non-aqueous phase liquid

"--" = Not measured.

NP = Not present

¹ Staff gauge D-1 re-established prior to June 2009 sampling event.

² Staff gauge D-4 was established prior to June 2009 sampling event to replace staff gauge D-7 which is not within the Willow Creek channel.

³ Staff gauges were resurveyed by OTAK Incorporated June 1, 2009. Staff gauges were surveyed from top of gauge and water levels are now measured from top down to water.

⁴ Staff gauge D-3 was down during the first gauging of the June 27, 2012 gauging event. A depth to water reading was unable to be collected.

⁵ Staff gauge D-3 was re-established for the second gauging of the June 27, 2012 gauging event and was re-surveyed by OTAK Incorporated on 8/8/12.

* = Potentially anomalous reading that will be confirmed with subsequent gauging data.

** = Groundwater elevation adjusted for the presence of LNAPL.

+ = LNAPL thickness could not be accurately measured due to LNAPL coating oil/water interface probe tip.

^ = Measurement error. LNAPL measurement was not confirmed with a bailer at the time the measurement was collected. The measurement was re-collected on 06/23/09 and there was no indication of LNAPL or LNAPL film. A bailer was used to confirm the measurement on 06/23/09 and there were no signs of LNAPL, sheen or odor present in MW-104.

^S = Shallow piezometer (installed between 12 and 13 feet below ground surface).

^D = Deep piezometer (installed between 22 and 25 feet below ground surface).

Table 2
 Summary of Groundwater Analytical Data
 Petroleum and Polynuclear Aromatic Hydrocarbons
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date Sampled	BTEX ¹ (µg/L)								Total cPAHs Adjusted for Toxicity ² (µg/L)		Diesel ³ (µg/L)		Gasoline ⁴ (µg/L)		Heavy Oil ³ (µg/L)		TPH ⁵ (µg/L)		TPH CUL ⁶ (µg/L)
		B		T		E		X												
		CUL=16																		
LM-2*	10/23/08	0.50	U	0.50	U	0.50	U	1.00	U	0.007	UU	243	U	50	U	485	U	389	UU	512
LM-2*	12/11/08	0.50	U	0.50	U	0.50	U	1.00	U	0.008		243	U	50	U	485	U	389	UU	512
LM-2*	02/26/09	0.5	U	NA		NA		NA		0.008	UU	1,300		50	U	510		1,835		503
LM-2*	04/23/09	0.5	U	NA		NA		NA		0.007	UU	1,100		50	U	230		1,355		503
LM-2*	06/25/09	0.5	U	NA		NA		NA		0.007	UU	520		50	U	370		915		505
LM-2*	08/20/09	0.5	U	NA		NA		NA		0.012	UU	290		50	U	71		386		512
LM-2*	10/30/09	0.5	U	NA		NA		NA		0.013	UU	1,500		50	U	700		2,225		502
LM-2*	01/20/10	NA		NA		NA		NA		NA		1,100		50	U	500		1,625		503
LM-2*	04/21/10	NA		NA		NA		NA		NA		1,100		50	U	460		1,585		503
LM-2*	07/22/10	NA		NA		NA		NA		NA		1,500		50	U	550		2,075		502
LM-2*	10/29/10	0.5	U	NA		NA		NA		0.012	UU	2,500		50	U	1,400		3,925		501
LM-2*	03/23/11	NA		NA		NA		NA		NA		1,600		50	U	1,000		2,625		502
LM-2*	06/16/11	NA		NA		NA		NA		NA		1,800		50	U	520		2,345		502
LM-2*	09/28/11	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
LM-2*	12/16/11	0.2	U	NA		NA		NA		0.007	UU	28	U	50	U	66	U	72	UU	575
LM-2*	03/29/12	NA		NA		NA		NA		NA		3,900		50	U	2,000		5,925		501
LM-2*	06/29/12	NA		NA		NA		NA		NA		32	U	50	U	74	U	78	UU	568
LM-2*	09/27/12	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
LM-2*	12/18/12	0.2	U	NA		NA		NA		0.011		30	U	50	U	71	U	76	UU	571
LM-2*	03/27/13	NA		NA		NA		NA		NA		31	U	50	U	72	U	77	UU	570
LM-2*	06/26/13	NA		NA		NA		NA		NA		30		250	U	69	U	190		664
LM-2*	09/24/13	NA		NA		NA		NA		NA		33		50	U	70	U	93		556
LM-2*	12/18/13	0.2	U	NA		NA		NA		0.008	UU	30	U	50	U	69	U	75	UU	572
LM-2*	03/27/14	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
LM-2*	06/17/14	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
LM-2*	09/30/14	NA		NA		NA		NA		NA		38		50	U	68	U	97		553
LM-2*	12/09/14	0.3		NA		NA		NA		0.008	UU	29	U	50	U	67	U	73	UU	574
LM-2*	03/25/15	NA		NA		NA		NA		NA		29	U	50	U	68	U	74	UU	573
LM-2*	06/24/15	NA		NA		NA		NA		NA		28	U	250	U	66	U	172	UU	687
LM-2*	10/26/16	0.5	U	0.5	U	0.5	U	1.5	U	0.008		46	U	50	U	100	U	98	UU	553
LM-2*	07/26/17	25	U	NA		NA		NA		0.008		48	U	2500	U	110	U	1,329	UU	772
MW-101*	10/22/08	0.50	U	0.50	U	0.50	U	1.00	U	0.007	UU	250	U	50	U	500	U	400	UU	512
MW-101*	12/10/08	0.50	U	0.50	U	0.50	U	1.00	U	0.007	UU	245	U	50	U	490	U	393	UU	512
MW-101*	02/24/09	0.5	U	NA		NA		NA		0.008	UU	160		83		72	U	279		563
MW-101*	04/22/09	0.5	U	NA		NA		NA		0.008	UU	160		50	U	79	U	225		522
MW-101*	06/25/09	0.5	U	NA		NA		NA		0.007	UU	36		50	U	69	U	96		554
MW-101*	08/20/09	0.5	U	NA		NA		NA		0.012	UU	82		50	U	74	U	144		535
MW-101*	10/27/09	0.5	U	NA		NA		NA		0.013	UU	310		50	U	74	U	372		513
MW-101*	01/19/10	NA		NA		NA		NA		NA		28	U	50	U	66	U	72	UU	575
MW-101*	04/21/10	NA		NA		NA		NA		NA		75		75		78	U	189		587
MW-101*	07/21/10	NA		NA		NA		NA		NA		98		50	U	74	U	160		531
MW-101* (Duplicate)	07/21/10	NA		NA		NA		NA		NA		100		50	U	73	U	162		531
MW-101*	10/27/10	0.5	U	NA		NA		NA		0.012	UU	130		120		67	U	284		594
MW-101*	03/23/11	NA		NA		NA		NA		NA		34		50	U	67	U	93		556
MW-101*	06/15/11	NA		NA		NA		NA		NA		70		50	U	67	U	129		539
MW-101* (Duplicate)	06/15/11	NA		NA		NA		NA		NA		68		50	U	70		163		531
MW-101*	09/27/11	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-101*	12/14/11	0.2	U	NA		NA		NA		0.007	UU	32	U	50	U	75	U	79	UU	568
MW-101*	03/28/12	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-101*	06/29/12	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-101*	09/27/12	NA		NA		NA		NA		NA		30	U	50	U	70	U	75	UU	571
MW-101* (Duplicate)	09/27/12	NA		NA		NA		NA		NA		30	U	50	U	71	U	76	UU	571

Table 2
 Summary of Groundwater Analytical Data
 Petroleum and Polynuclear Aromatic Hydrocarbons
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date Sampled	BTEX ¹ (µg/L)								Total cPAHs Adjusted for Toxicity ² (µg/L)		Diesel ³ (µg/L)		Gasoline ⁴ (µg/L)		Heavy Oil ³ (µg/L)		TPH ⁵ (µg/L)		TPH CUL ⁶ (µg/L)
		B		T		E		X												
		CUL=16								CUL=0.05										
MW-101*	12/18/12	0.2	U	NA		NA		NA		0.008	UU	29	U	50	U	68	U	74	UU	573
MW-101*	03/26/13	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-101*	06/25/13	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-101*	09/25/13	NA		NA		NA		NA		NA		29	U	50	U	68	U	74	UU	573
MW-101*	12/20/13	0.2	U	NA		NA		NA		0.008	UU	29	U	50	U	67	U	73	UU	574
MW-101*	03/28/14	NA		NA		NA		NA		NA		28	U	50	U	66	U	72	UU	575
MW-101*	06/18/14	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-101*	10/01/14	NA		NA		NA		NA		NA		30	U	50	U	71	U	76	UU	571
MW-101*	12/10/14	0.2	U	NA		NA		NA		0.008	UU	29	U	50	U	67	U	73	UU	574
MW-101*	03/25/15	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-101*	06/25/15	NA		NA		NA		NA		NA		28	U	50	U	66	U	72	UU	575
MW-101*	10/25/16	0.5	U	0.5	U	0.5	U	1.5	U	0.008	UU	45	U	76		100	U	149		619
MW-101*	07/25/17	0.5	U	NA		NA		NA		0.008	UU	46	U	50	U	100	U	98	UU	553
MW-101* (Duplicate)	07/25/17	0.5	U	NA		NA		NA		0.008	UU	46	U	50	U	100	U	98	UU	553
MW-104*	10/22/08	3.89		0.554		11.8		1.00	U	0.008	UU	253	U	728		505	U	1,107		664
MW-104*	12/10/08	3.41		0.50	U	23.5		1.15		0.007	UU	245	U	859		490	U	1,227		678
MW-104*	02/24/09	1.4		NA		NA		NA		0.007	UU	130		460		68	U	624		691
MW-104*	04/23/09	5	U	NA		NA		NA		0.008	UU	180		1,700		70	U	1,915		750
MW-104* (Duplicate)	04/23/09	5	U	NA		NA		NA		0.008	UU	210		1,800		72	U	2,046		746
MW-104*	06/24/09	2.9		NA		NA		NA		0.007	UU	140		740		72	U	916		717
MW-104*	08/19/09	2		NA		NA		NA		0.012	UU	120		310		68	U	464		667
MW-104*	10/27/09	2		NA		NA		NA		0.013	UU	130		510		73	U	677		697
MW-104*	01/19/10	NA		NA		NA		NA		NA		270		2,800		69	U	3,105		756
MW-104*	04/21/10	NA		NA		NA		NA		NA		100		400		83	U	542		692
MW-104* (Duplicate)	04/21/10	NA		NA		NA		NA		NA		100		510		67	U	644		711
MW-104*	07/20/10	NA		NA		NA		NA		NA		200		450		72	U	686		663
MW-104*	10/27/10	1.7		NA		NA		NA		0.047	UU	81		220		67	U	335		664
MW-104*	03/23/11	NA		NA		NA		NA		NA		290		890		68	U	1,214		690
MW-104*	06/15/11	NA		NA		NA		NA		NA		340		1,900		67	U	2,274		728
MW-104* (Duplicate)	06/15/11	NA		NA		NA		NA		NA		350		1,900		67	U	2,317		722
MW-104*	09/27/11	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-104*	12/13/11	3.0	U	NA		NA		NA		0.072	UU	38		700		66	U	771		758
MW-104*	03/29/12	NA		NA		NA		NA		NA		440		280		220		940		563
MW-104*	06/28/12	NA		NA		NA		NA		NA		29	U	83		67	U	131		656
MW-104*	09/26/12	NA		NA		NA		NA		NA		33		170		66	U	236		685
MW-104*	12/18/12	0.2	U	NA		NA		NA		0.008	UU	29	U	50	U	67	U	73	UU	574
MW-104*	03/27/13	NA		NA		NA		NA		NA		52	U	310		120	U	396		708
MW-104*	06/26/13	NA		NA		NA		NA		NA		29	U	78		68	U	127		650
MW-104*	09/24/13	NA		NA		NA		NA		NA		30	U	190		70	U	240		711
MW-104* (Duplicate)	09/24/13	NA		NA		NA		NA		NA		44		170		70	U	249		672
MW-104*	12/17/13	0.4		NA		NA		NA		0.008	UU	29	U	120		68	U	169		682
MW-104*	03/26/14	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-104*	06/17/14	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-104* (Duplicate)	06/17/14	NA		NA		NA		NA		NA		28	U	50	U	66	U	72	UU	575
MW-104*	09/30/14	NA		NA		NA		NA		NA		30		50	U	69	U	90		559
MW-104*	12/09/14	1.0	U	NA		NA		NA		0.008	UU	29	U	50	U	67	U	73	UU	574
MW-104*	03/25/15	NA		NA		NA		NA		NA		30	U	59		69	U	109		628
MW-104*	06/23/15	NA		NA		NA		NA		NA		28	U	64		66	U	111		638
MW-104*	10/24/16	0.5	U	0.5	U	11.0		1.5	U	0.008	UU	46	U	350		100	U	423		725
MW-104*	07/26/17	0.5	U	NA		NA		NA		0.008	UU	45	U	120		100	U	193		653
MW-108*	10/23/08	0.50	U	0.50	U	0.50	U	1.00	U	0.007	UU	243	U	50	U	485	U	389	UU	512
MW-108*	12/11/08	0.50	U	0.50	U	0.50	U	1.00	U	0.007	UU	243	U	50	U	485	U	389	UU	512

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 Summary of Groundwater Analytical Data
 Petroleum and Polynuclear Aromatic Hydrocarbons
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date Sampled	BTEX ¹ (µg/L)				Total cPAHs Adjusted for Toxicity ² (µg/L)		Diesel ³ (µg/L)	Gasoline ⁴ (µg/L)	Heavy Oil ³ (µg/L)	TPH ⁵ (µg/L)	TPH CUL ⁶ (µg/L)									
		B	T	E	X																
		CUL=16	--	--	--	CUL=0.05	--	--	--	see note 6											
MW-108*	02/26/09	0.5	U	NA	NA	NA	0.007	UU	31	U	50	U	71	U	76	UU	570				
MW-108*	04/23/09	2.5	U W	NA	NA	NA	0.007	UU	39		250	UW	66	U	322		705				
MW-108*	06/25/09	0.5	U	NA	NA	NA	0.007	UU	28	U	50	U	66	U	72	UU	575				
MW-108*	08/20/09	0.5	U	NA	NA	NA	0.012	UU	36		50	U	68	U	95		555				
MW-108*	10/30/09	0.5	U	NA	NA	NA	0.014	UU	40		50	U	71	U	101		551				
MW-108*	01/20/10	NA		NA	NA	NA	NA		28	U	50	U	66	U	72	UU	575				
MW-108*	04/21/10	NA		NA	NA	NA	NA		75		50	U	67	U	134		538				
MW-108*	07/22/10	NA		NA	NA	NA	NA		76		50	U	76	U	139		536				
MW-108*	10/29/10	0.5	U	NA	NA	NA	0.0119225	UU	29	U	50	U	67	U	73	UU	574				
MW-108*	03/23/11	NA		NA	NA	NA	NA		33		50	U	67	U	92		557				
MW-108*	06/16/11	NA		NA	NA	NA	NA		140		50	U	68	U	199		525				
MW-108*	09/28/11	NA		NA	NA	NA	NA		30	U	50	U	69	U	75	UU	572				
MW-108*	12/16/11	0.2	U	NA	NA	NA	0.00717	UU	29	U	50	U	67	U	73	UU	574				
MW-108*	03/29/12	NA		NA	NA	NA	NA		110		50	U	150		285		517				
MW-108*	06/29/12	NA		NA	NA	NA	NA		30	U	50	U	71	U	76	UU	571				
MW-108*	09/27/12	NA		NA	NA	NA	NA		29	U	50	U	67	U	73	UU	574				
MW-108*	12/18/12	0.2	U	NA	NA	NA	0.008	UU	31	U	50	U	72	U	77	UU	570				
MW-108*	03/27/13	NA		NA	NA	NA	NA		31	U	50	U	72	U	77	UU	570				
MW-108*	06/27/13	NA		NA	NA	NA	NA		29	U	50	U	67	U	73	UU	574				
MW-108*	09/26/13	NA		NA	NA	NA	NA		28	U	50	U	66	U	72	UU	575				
MW-108*	12/19/13	0.2	U	NA	NA	NA	0.008	UU	32	U	50	U	74	U	78	UU	568				
MW-108*	03/27/14	NA		NA	NA	NA	NA		30	U	50	U	69	U	75	UU	572				
MW-108*	06/17/14	NA		NA	NA	NA	NA		29	U	50	U	67	U	73	UU	574				
MW-108*	10/02/14	NA		NA	NA	NA	NA		29	U	50	U	68	U	74	UU	573				
MW-108*	12/09/14	0.2	U	NA	NA	NA	0.008	UU	29	U	50	U	67	U	73	UU	574				
MW-108*	03/26/15	NA		NA	NA	NA	NA		29	U	500	U	68	U	299	UU	729				
MW-108*	06/24/15	NA		NA	NA	NA	NA		28	U	250	U	66	U	172	UU	687				
MW-109*	10/23/08	0.50	U	0.50	U	0.50	U	1.00	U		253	U	50	U	505	U	404	UU	512		
MW-109*	12/12/08	0.50	U	0.50	U	0.50	U	1.00	U		248	U	50	U	495	U	397	UU	512		
MW-109*	02/26/09	0.5	U	NA		NA		NA			32	U	50	U	75	U	79	UU	568		
MW-109*	04/23/09	0.5	U	NA		NA		NA			29	U	50	U	67	U	73	UU	574		
MW-109*	06/25/09	0.5	U	NA		NA		NA			29	U	50	U	67	U	73	UU	574		
MW-109*	08/20/09	0.5	U	NA		NA		NA			29	U	50	U	67	U	73	UU	574		
MW-109*	10/30/09	0.5	U	NA		NA		NA			29	U	50	U	67	U	73	UU	574		
MW-109*	01/20/10	NA		NA		NA		NA			29	U	50	U	67	U	73	UU	574		
MW-109*	04/21/10	NA		NA		NA		NA			55		50	U	67	U	114		545		
MW-109*	07/22/10	NA		NA		NA		NA			31	U	50	U	72	U	77	UU	570		
MW-109*	10/29/10	0.5	U	NA		NA		NA			0.012	UU	29	U	50	U	67	U	73	UU	574
MW-109*	03/23/11	NA		NA		NA		NA			29	U	50	U	67	U	73	UU	574		
MW-109*	06/16/11	NA		NA		NA		NA			96		50	U	100		221		522		
MW-109*	09/28/11	NA		NA		NA		NA			32	U	50	U	75	U	79	UU	568		
MW-109*	12/16/11	0.2	U	NA		NA		NA			0.0072	UU	29	U	50	U	66	U	87		560
MW-109*	03/29/12	NA		NA		NA		NA			29	U	50	U	68	U	74	UU	573		
MW-109*	06/29/12	NA		NA		NA		NA			30	U	50	U	69	U	75	UU	572		
MW-109*	09/27/12	NA		NA		NA		NA			29	U	50	U	67	U	73	UU	574		
MW-109*	12/18/12	0.2	U	NA		NA		NA			0.008	UU	33	U	50	U	77	U	80	UU	566
MW-109*	03/27/13	NA		NA		NA		NA			31	U	50	U	72	U	77	UU	570		
MW-109*	06/27/13	NA		NA		NA		NA			29	U	50	U	68	U	74	UU	573		
MW-109* (Duplicate)	06/27/13	NA		NA		NA		NA			28	U	50	U	66	U	72	UU	575		
MW-109*	09/26/13	NA		NA		NA		NA			28	U	50	U	66	U	72	UU	575		
MW-109*	12/19/13	0.2	U	NA		NA		NA			0.008	UU	31	U	50	U	73	U	77	UU	569
MW-109*	03/27/14	NA		NA		NA		NA			54		67	U	50	U	113		563		

Table 2
 Summary of Groundwater Analytical Data
 Petroleum and Polynuclear Aromatic Hydrocarbons
 Former Unocal Terminal
 11720 Unoco Road
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Monitoring Well	Date Sampled	BTEX ¹ (µg/L)								Total cPAHs Adjusted for Toxicity ² (µg/L)		Diesel ³ (µg/L)		Gasoline ⁴ (µg/L)		Heavy Oil ³ (µg/L)		TPH ⁵ (µg/L)		TPH CUL ⁶ (µg/L)
		B		T		E		X												
		CUL=16		--		--		--		CUL=0.05		--		--		--		see note 6		
MW-109*	06/17/14	NA		NA		NA		NA		NA		29	U	50	U	68	U	74	UU	573
MW-109*	10/02/14	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-109*	12/09/14	0.2	U	NA		NA		NA		0.008	UU	29	U	50	U	67	U	73	UU	574
MW-109*	03/26/15	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-109*	06/24/15	NA		NA		NA		NA		NA		28	U	50	U	66	U	72	UU	575
MW-126	06/29/12	NA		NA		NA		NA		NA		30	U	50	U	70	U	75	UU	571
MW-126 (Duplicate)	06/29/12	NA		NA		NA		NA		NA		31	U	50	U	71	U	76	UU	570
MW-126	12/18/12	0.2	U	NA		NA		NA		0.008	UU	170	U	50	U	68	U	229	UU	521
MW-126	06/25/13	NA		NA		NA		NA		NA		29	U	50	U	68	U	74	UU	573
MW-126	12/17/13	0.2	U	NA		NA		NA		0.008	UU	29	U	50	U	67	U	73	UU	574
MW-126 (Duplicate)	12/17/13	0.2	U	NA		NA		NA		0.008	UU	29	U	50	U	67	U	73	UU	574
MW-126	06/18/14	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-126	12/10/14	0.2	U	NA		NA		NA		0.008	UU	210	U	50	U	67	U	269	UU	518
MW-126	06/23/15	NA		NA		NA		NA		NA		28	U	50	U	65	U	72	UU	575
MW-126	10/24/16	0.5	U	0.5	U	0.5	U	1.5	U	0.008	UU	45	U	50	U	100	U	98	UU	553
MW-126	07/25/17	0.5	U	NA		NA		NA		0.008	UU	45	U	50	U	100	U	98	UU	553
MW-129R*	10/24/08	0.50	U	0.50	U	0.50	U	1.12	U	0.007	UU	250	U	68.1	U	500	U	443	UU	531
MW-129R*	12/12/08	0.50	U	0.50	U	0.50	U	1.00	U	0.008	UU	245	U	50	U	490	U	393	UU	512
MW-129R*	02/27/09	0.5	U	NA		NA		NA		0.007	UU	1,900	U	50	U	730	U	2,655	UU	502
MW-129R*	04/27/09	0.5	U	NA		NA		NA		0.007	UU	1,400	U	50	U	250	U	1,675	UU	503
MW-129R*	06/26/09	0.5	U	NA		NA		NA		0.007	UU	1,700	U	50	U	1,000	U	2,725	UU	502
MW-129R*	08/21/09	0.5	U	NA		NA		NA		0.012	UU	3,400	U	50	U	1,000	U	4,425	UU	501
MW-129R*	10/28/09	0.5	U	NA		NA		NA		0.013	UU	1,900	U	50	U	240	U	2,165	UU	502
MW-129R*	01/21/10	NA		NA		NA		NA		NA		1,800	U	50	U	650	U	2,475	UU	502
MW-129R*	04/22/10	NA		NA		NA		NA		NA		1,600	U	50	U	390	U	2,015	UU	502
MW-129R*	07/22/10	NA		NA		NA		NA		NA		1,800	U	50	U	400	U	2,225	UU	502
MW-129R*	11/01/10	0.5	U	NA		NA		NA		0.012	UU	1,900	U	50	U	700	U	2,625	UU	502
MW-129R*	03/23/11	NA		NA		NA		NA		NA		1,700	U	50	UU	550	U	2,300	UU	504
MW-129R* (Duplicate)	03/23/11	NA		NA		NA		NA		NA		1,700	U	50	U	650	U	2,375	UU	502
MW-129R*	06/17/11	NA		NA		NA		NA		NA		1,600	U	50	U	310	U	1,935	UU	502
MW-129R*	09/28/11	NA		NA		NA		NA		NA		2,700	U	50	U	230	U	2,955	UU	502
MW-129R*	12/19/11	0.2	U	NA		NA		NA		0.007	UU	45	U	50	U	67	U	104	UU	550
MW-129R*	03/29/12	NA		NA		NA		NA		NA		1,700	U	55	U	300	U	2,055	UU	505
MW-129R* (Duplicate)	03/29/12	NA		NA		NA		NA		NA		87	U	56	U	67	U	177	UU	568
MW-129R*	07/02/12	NA		NA		NA		NA		NA		44	U	50	U	67	U	103	UU	550
MW-129R*	09/27/12	NA		NA		NA		NA		NA		330	U	50	U	75	U	393	UU	512
MW-129R*	12/18/12	0.2	U	NA		NA		NA		0.009	UU	32	U	50	U	68	U	91	UU	557
MW-129R*	03/27/13	NA		NA		NA		NA		NA		29	U	50	U	67	U	88	UU	560
MW-129R*	06/26/13	NA		NA		NA		NA		NA		30	U	50	U	68	U	114	UU	598
MW-129R*	09/24/13	NA		NA		NA		NA		NA		30	U	50	U	69	U	75	UU	572
MW-129R*	12/18/13	0.2	U	NA		NA		NA		0.008	UU	33	U	50	U	71	U	94	UU	556
MW-129R*	03/26/14	NA		NA		NA		NA		NA		46	U	56	U	67	U	136	UU	592
MW-129R*	06/18/14	NA		NA		NA		NA		NA		80	U	50	U	66	U	138	UU	536
MW-129R*	09/30/14	NA		NA		NA		NA		NA		310	U	50	U	68	U	369	UU	513
MW-129R*	12/09/14	0.2	U	NA		NA		NA		0.008	UU	36	U	50	U	66	U	94	UU	555
MW-129R*	03/26/15	NA		NA		NA		NA		NA		100	U	52	U	67	U	186	UU	559
MW-129R*	06/23/15	NA		NA		NA		NA		NA		51	U	50	U	66	U	109	UU	547
MW-129R*	07/26/17	0.5	U	NA		NA		NA		0.008	UU	46	U	93	U	100	U	166	UU	633
MW-134X	06/28/12	NA		NA		NA		NA		NA		28	U	50	U	66	U	72	UU	575
MW-134X	12/14/12	0.2	U	NA		NA		NA		0.008	UU	30	U	50	U	210	U	265	UU	518
MW-134X	06/27/13	NA		NA		NA		NA		NA		30	U	50	U	71	U	126	UU	540
MW-134X	12/19/13	0.2	U	NA		NA		NA		0.008	UU	29	U	50	U	68	U	74	UU	573

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 Summary of Groundwater Analytical Data
 Petroleum and Polynuclear Aromatic Hydrocarbons
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date Sampled	BTEX ¹ (µg/L)				Total cPAHs Adjusted for Toxicity ² (µg/L)		Diesel ³ (µg/L)	Gasoline ⁴ (µg/L)	Heavy Oil ³ (µg/L)	TPH ⁵ (µg/L)	TPH CUL ⁶ (µg/L)									
		B	T	E	X																
		CUL=16	--	--	--	CUL=0.05															
MW-134X	06/17/14	NA	NA	NA	NA	NA	28	U	50	U	66	UU	575								
MW-134X	12/10/14	0.2	U	NA	NA	0.008	UU	28	U	50	U	72	UU	575							
MW-134X	06/24/15	NA	NA	NA	NA	NA	29	U	50	U	68	UU	573								
MW-135*	10/27/08	0.50	U	0.50	U	0.50	U	1.00	U	0.007	UU	243	U	50	U	485	U	389	UU	512	
MW-135*	12/15/08	0.5	U	0.5	U	0.5	U	1.00	U	0.007	UU	238	U	50	U	476	U	382	UU	513	
MW-135*	02/27/09	0.5	U	NA	NA	NA	NA	NA	NA	0.079	UU	800	U	50	U	870	U	1,695	UU	503	
MW-135*	04/24/09	0.5	U	NA	NA	NA	NA	NA	NA	0.007	UU	310	U	50	U	67	U	369	UU	513	
MW-135*	06/29/09	0.5	U	NA	NA	NA	NA	NA	NA	0.007	UU	1,600	U	50	U	1,000	U	2,625	UU	502	
MW-135*	08/24/09	0.5	U	NA	NA	NA	NA	NA	NA	0.012	UU	1,900	U	50	U	640	U	2,565	UU	502	
MW-135*	10/29/09	0.5	U	NA	NA	NA	NA	NA	NA	0.012	UU	2,000	U	50	U	520	U	2,545	UU	502	
MW-135*	01/21/10	NA	NA	NA	NA	NA	NA	NA	NA	NA	460	50	U	360	U	360	U	845	UU	506	
MW-135*	04/23/10	NA	NA	NA	NA	NA	NA	NA	NA	NA	610	50	U	400	U	400	U	1,035	UU	505	
MW-135*	07/22/10	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,400	50	U	200	U	200	U	1,625	UU	503	
MW-135*	11/01/10	0.5	U	NA	NA	NA	NA	NA	NA	0.012	UU	1,800	U	50	U	590	U	2,415	UU	502	
MW-135*	03/24/11	NA	NA	NA	NA	NA	NA	NA	NA	NA	500	50	U	170	U	170	U	695	UU	507	
MW-135*	06/17/11	NA	NA	NA	NA	NA	NA	NA	NA	NA	550	50	U	210	U	210	U	785	UU	506	
MW-135*	03/28/14	NA	NA	NA	NA	NA	NA	NA	NA	NA	28	U	50	U	66	U	66	U	72	UU	575
MW-135*	09/28/11	NA	NA	NA	NA	NA	NA	NA	NA	NA	29	U	50	U	69	U	69	U	74	UU	573
MW-135*	12/16/11	0.2	U	NA	NA	NA	NA	NA	NA	0.007	UU	79	U	50	U	110	U	214	UU	523	
MW-135*	03/28/12	NA	NA	NA	NA	NA	NA	NA	NA	NA	29	U	50	U	67	U	67	U	73	UU	574
MW-135*	07/02/12	NA	NA	NA	NA	NA	NA	NA	NA	NA	29	U	50	U	68	U	68	U	74	UU	573
MW-135*	09/28/12	NA	NA	NA	NA	NA	NA	NA	NA	NA	30	U	50	U	69	U	69	U	75	UU	572
MW-135*	12/19/12	0.2	U	NA	NA	NA	NA	NA	NA	0.008	UU	28	U	50	U	66	U	72	UU	575	
MW-135*	03/28/13	NA	NA	NA	NA	NA	NA	NA	NA	NA	30	U	50	U	71	U	71	U	76	UU	571
MW-135*	06/28/13	NA	NA	NA	NA	NA	NA	NA	NA	NA	30	U	50	U	70	U	70	U	75	UU	571
MW-135*	09/26/13	NA	NA	NA	NA	NA	NA	NA	NA	NA	30	U	50	U	70	U	70	U	75	UU	571
MW-135*	12/20/13	0.2	U	NA	NA	NA	NA	NA	NA	0.008	UU	29	U	50	U	68	U	74	UU	573	
MW-135*	03/28/14	NA	NA	NA	NA	NA	NA	NA	NA	NA	29	U	50	U	67	U	67	U	73	UU	574
MW-135*	06/20/14	NA	NA	NA	NA	NA	NA	NA	NA	NA	29	U	50	U	68	U	68	U	74	UU	573
MW-135*	10/02/14	NA	NA	NA	NA	NA	NA	NA	NA	NA	35	U	50	U	82	U	82	U	84	UU	563
MW-135*	12/12/14	0.2	U	NA	NA	NA	NA	NA	NA	0.008	UU	29	U	50	U	67	U	73	UU	574	
MW-135*	03/26/15	NA	NA	NA	NA	NA	NA	NA	NA	NA	29	U	50	U	67	U	67	U	73	UU	574
MW-135*	06/26/15	NA	NA	NA	NA	NA	NA	NA	NA	NA	28	U	50	U	66	U	66	U	72	UU	575
MW-136*	10/27/08	0.50	U	0.50	U	0.50	U	1.00	U	0.008	UU	243	U	50	U	485	U	389	UU	512	
MW-136*	12/15/08	0.50	U	0.50	U	0.50	U	1.00	U	0.007	UU	243	U	60.6	U	485	U	425	UU	528	
MW-136*	02/27/09	2.5	U	NA	NA	NA	NA	NA	NA	0.007	UU	2,400	U	120	U	490	U	3,010	UU	508	
MW-136*	04/24/09	1.9	U	NA	NA	NA	NA	NA	NA	0.009	UU	1,400	U	52	U	170	U	1,622	UU	506	
MW-136*	06/29/09	0.8	U	NA	NA	NA	NA	NA	NA	0.008	UU	2,500	U	50	U	1,200	U	3,725	UU	501	
MW-136*	08/24/09	0.6	U	NA	NA	NA	NA	NA	NA	0.012	UU	1,600	U	50	U	560	U	2,185	UU	502	
MW-136*	10/29/09	0.5	U	NA	NA	NA	NA	NA	NA	0.013	UU	2,100	U	50	U	460	U	2,585	UU	502	
MW-136*	01/21/10	NA	NA	NA	NA	NA	NA	NA	NA	NA	980	50	U	540	U	540	U	1,545	UU	503	
MW-136*	04/23/10	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,100	50	U	410	U	410	U	1,535	UU	503	
MW-136*	07/22/10	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,300	50	U	250	U	250	U	1,575	UU	503	
MW-136*	11/01/10	0.5	U	NA	NA	NA	NA	NA	NA	0.012	UU	1,200	U	50	U	460	U	1,685	UU	503	
MW-136*	03/24/11	NA	NA	NA	NA	NA	NA	NA	NA	NA	540	50	U	78	U	78	U	643	UU	507	
MW-136*	06/17/11	NA	NA	NA	NA	NA	NA	NA	NA	NA	510	50	U	110	U	110	U	645	UU	507	
MW-136*	09/28/11	NA	NA	NA	NA	NA	NA	NA	NA	NA	40	U	50	U	67	U	67	U	99	UU	553
MW-136*	12/16/11	0.2	U	NA	NA	NA	NA	NA	NA	0.007	UU	40	U	50	U	71	U	101	UU	551	
MW-136*	03/29/12	NA	NA	NA	NA	NA	NA	NA	NA	NA	570	50	U	240	U	240	U	835	UU	506	
MW-136*	07/03/12	NA	NA	NA	NA	NA	NA	NA	NA	NA	31	U	50	U	72	U	72	U	77	UU	570
MW-136*	09/28/12	NA	NA	NA	NA	NA	NA	NA	NA	NA	29	U	50	U	67	U	67	U	73	UU	574
MW-136*	12/19/12	0.2	U	NA	NA	NA	NA	NA	NA	0.008	UU	30	U	50	U	69	U	75	UU	572	

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 11720 Unoco Road
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Monitoring Well	Date Sampled	BTEX ¹ (µg/L)				Total cPAHs Adjusted for Toxicity ² (µg/L)		Diesel ³ (µg/L)	Gasoline ⁴ (µg/L)	Heavy Oil ³ (µg/L)	TPH ⁵ (µg/L)		TPH CUL ⁶ (µg/L)
		B	T	E	X								
		CUL=16		--	--	--	CUL=0.05	--	--	--	see note 6		
MW-136*	03/28/13	NA	NA	NA	NA	NA	NA	28 U	50 U	66 U	72 UU	575	
MW-136*	06/28/13	NA	NA	NA	NA	NA	NA	28 U	50 U	66 U	72 UU	575	
MW-136*	09/26/13	NA	NA	NA	NA	NA	NA	42 U	50 U	68 U	101	551	
MW-136* (Duplicate)	09/26/13	NA	NA	NA	NA	NA	NA	29 U	50 U	68 U	74 UU	573	
MW-136*	12/20/13	0.2 U	NA	NA	NA	0.008 UU	NA	32 U	50 U	74 U	78 UU	568	
MW-136*	03/28/14	NA	NA	NA	NA	NA	NA	29 U	50 U	67 U	73 UU	574	
MW-136*	06/20/14	NA	NA	NA	NA	NA	NA	28 U	50 U	66 U	72 UU	575	
MW-136* (Duplicate)	06/20/14	NA	NA	NA	NA	NA	NA	28 U	50 U	66 U	72 UU	575	
MW-136*	10/02/14	NA	NA	NA	NA	NA	NA	32 U	50 U	75 U	79 UU	568	
MW-136* (Duplicate)	10/02/14	NA	NA	NA	NA	NA	NA	33 U	51 U	96	138	537	
MW-136*	12/12/14	0.2 U	NA	NA	NA	0.011 UU	NA	30 U	50 U	70 U	75 UU	571	
MW-136* (Duplicate)	12/12/14	0.2 U	NA	NA	NA	0.008 UU	NA	29 U	50 U	68 U	88	560	
MW-136*	03/26/15	NA	NA	NA	NA	NA	NA	29 U	50 U	68 U	74 UU	573	
MW-136*	06/26/15	NA	NA	NA	NA	NA	NA	28 U	50 U	66 U	72 UU	575	
MW-139R*	10/22/08	0.50 U	0.50 U	0.724	1.00 U	0.007 UU	NA	240 U	57 JZ	481 U	418	527	
MW-139R*	12/10/08	0.50 U	0.50 U	0.50 U	1.00 U	0.007 UU	NA	248 U	50 U	495 U	397 UU	512	
MW-139R*	02/25/09	0.5 U	NA	NA	NA	0.008 UU	NA	42 U	50 U	73 U	104	550	
MW-139R*	04/23/09	0.5 U	NA	NA	NA	0.008 UU	NA	31 U	50 U	72 U	77 UU	570	
MW-139R*	06/25/09	0.5 U	NA	NA	NA	0.007 UU	NA	63 U	50 U	69 U	123	541	
MW-139R*	08/20/09	0.5 U	NA	NA	NA	0.012 UU	NA	87 U	50 U	66 U	145	535	
MW-139R*	10/28/09	0.5 U	NA	NA	NA	0.012 UU	NA	78 U	50 U	70 U	138	536	
MW-139R*	01/20/10	NA	NA	NA	NA	NA	NA	31 U	50 U	70 U	91	557	
MW-139R* (Duplicate)	01/20/10	NA	NA	NA	NA	NA	NA	36 U	50 U	70 U	96	554	
MW-139R*	04/21/10	NA	NA	NA	NA	NA	NA	34 U	50 U	78 U	81 UU	565	
MW-139R*	07/21/10	NA	NA	NA	NA	NA	NA	66 U	50 U	80 U	131	539	
MW-139R*	10/28/10	0.5 U	NA	NA	NA	0.012 UU	NA	64 U	50 U	66 U	122	542	
MW-139R*	03/23/11	NA	NA	NA	NA	NA	NA	29 U	50 U	67 U	73 UU	574	
MW-139R*	06/16/11	NA	NA	NA	NA	NA	NA	56 U	50 U	870	951	505	
MW-139R*	09/27/11	NA	NA	NA	NA	NA	NA	29 U	50 U	67 U	73 UU	574	
MW-139R*	12/15/11	0.2 U	NA	NA	NA	0.007 UU	NA	29 U	50 U	67 U	73 UU	574	
MW-139R*	03/28/12	NA	NA	NA	NA	NA	NA	28 U	50 U	66 U	72 UU	575	
MW-139R*	06/29/12	NA	NA	NA	NA	NA	NA	31 U	50 U	72 U	77 UU	570	
MW-139R*	09/27/12	NA	NA	NA	NA	NA	NA	31 U	50 U	73 U	77 UU	569	
MW-139R*	12/18/12	0.2 U	NA	NA	NA	0.008 UU	NA	29 U	50 U	68 U	74 UU	573	
MW-139R* (Duplicate)	12/18/12	0.2 U	NA	NA	NA	0.008 UU	NA	29 U	50 U	68 U	74 UU	573	
MW-139R*	03/27/13	NA	NA	NA	NA	NA	NA	31 U	50 U	72 U	77 UU	570	
MW-139R*	06/27/13	NA	NA	NA	NA	NA	NA	31 U	50 U	72 U	77 UU	570	
MW-139R*	09/26/13	NA	NA	NA	NA	NA	NA	30 U	50 U	70 U	75 UU	571	
MW-139R*	12/18/13	0.2 U	NA	NA	NA	0.008 UU	NA	30 U	50 U	71 U	76 UU	571	
MW-139R*	03/28/14	NA	NA	NA	NA	NA	NA	28 U	50 U	66 U	72 UU	575	
MW-139R*	06/19/14	NA	NA	NA	NA	NA	NA	29 U	50 U	68 U	74 UU	573	
MW-139R*	10/01/14	NA	NA	NA	NA	NA	NA	29 U	50 U	67 U	73 UU	574	
MW-139R*	12/10/14	0.2 U	NA	NA	NA	0.008 UU	NA	28 U	50 U	66 U	72 UU	575	
MW-139R*	03/25/15	NA	NA	NA	NA	NA	NA	29 U	50 U	67 U	73 UU	574	
MW-139R*	06/25/15	NA	NA	NA	NA	NA	NA	28 U	50 U	66 U	72 UU	575	
MW-139R*	10/25/16	0.5 U	0.5 U	0.5 U	1.5 U	0.008 UU	NA	45 U	50 U	100 U	98 UU	553	
MW-139R* (Duplicate)	10/25/16	0.5 U	0.5 U	0.5 U	1.5 U	0.008 UU	NA	46 U	50 U	100 U	98 UU	553	
MW-139R*	07/27/17	0.5 U	NA	NA	NA	0.008 UU	NA	47 U	50 U	100 U	99 UU	553	
MW-13U	06/28/12	NA	NA	NA	NA	NA	NA	29 U	50 U	67 U	73 UU	574	
MW-13U	12/14/12	0.2 U	NA	NA	NA	0.008 UU	NA	29 U	50 U	67 U	73 UU	574	
MW-13U	06/27/13	NA	NA	NA	NA	NA	NA	30 U	50 U	69 U	75 UU	572	
MW-13U	12/20/13	0.2 U	NA	NA	NA	0.008 UU	NA	31 U	50 U	71 U	76 UU	570	

Table 2
 Summary of Groundwater Analytical Data
 Petroleum and Polynuclear Aromatic Hydrocarbons
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date Sampled	BTEX ¹ (µg/L)								Total cPAHs Adjusted for Toxicity ² (µg/L)		Diesel ³ (µg/L)		Gasoline ⁴ (µg/L)		Heavy Oil ³ (µg/L)		TPH ⁵ (µg/L)		TPH CUL ⁶ (µg/L)
		B		T		E		X												
		CUL=16																		
MW-13U (Duplicate)	12/20/13	0.2	U	NA		NA		NA		0.008	UU	30	U	50	U	70	U	75	UU	571
MW-13U	06/17/14	NA		NA		NA		NA		NA		29	U	50	U	68	U	74	UU	573
MW-13U	12/10/14	0.2	U	NA		NA		NA		0.008	UU	30	U	50	U	69	U	75	UU	572
MW-13U	06/24/15	NA		NA		NA		NA		NA		29	U	50	U	68	U	74	UU	573
MW-143	10/22/08	0.50	U	0.50	U	0.50	U	1.00	U	0.007	UU	250	U	50	U	500	U	400	UU	512
MW-143	12/16/08	0.50	U	0.50	U	0.50	U	1.00	U	0.007	UU	240	U	50	U	481	U	386	UU	512
MW-143	02/25/09	0.5	U	NA		NA		NA		0.007	UU	1,400		50	U	580		2,005		502
MW-143	04/21/09	0.5	U	NA		NA		NA		0.007	UU	710		50	U	69	U	770		506
MW-143	06/24/09	0.5	U	NA		NA		NA		0.007	UU	940		50	U	210		1,175		504
MW-143	08/19/09	0.5	U	NA		NA		NA		0.013	UU	360		50	U	71	U	421		511
MW-143	10/27/09	0.5	U	NA		NA		NA		0.013	UU	200		50	U	66	U	258		519
MW-143	01/21/10	NA		NA		NA		NA		NA		620		50	U	330		975		505
MW-143	04/20/10	NA		NA		NA		NA		NA		1,200		50	U	340		1,565		503
MW-143 (Duplicate)	04/20/10	NA		NA		NA		NA		NA		1,400		50	U	450		1,875		503
MW-143	07/20/10	NA		NA		NA		NA		NA		1,300		50	U	260		1,585		503
MW-143	10/27/10	0.5	U	NA		NA		NA		0.012	UU	110		50	U	67	U	169		529
MW-143	06/15/11	NA		NA		NA		NA		NA		1,500		50	U	220		1,745		503
MW-143	12/14/11	0.2	U	NA		NA		NA		0.007	UU	31		50	U	67	U	90		559
MW-143	06/29/12	NA		NA		NA		NA		NA		31	U	50	U	73	U	77	UU	569
MW-143	12/20/12	0.2	U	NA		NA		NA		0.008	UU	28	U	50	U	66	U	72	UU	575
MW-143	06/27/13	0.2	U	NA		NA		NA		NA		29	U	50	U	68	U	74	UU	573
MW-143	12/18/13	0.2	U	NA		NA		NA		0.008	UU	28	U	50	U	66	U	72	UU	575
MW-143 (Duplicate)	12/18/13	0.2	U	NA		NA		NA		0.008	UU	28	U	50	U	66	U	72	UU	575
MW-143	06/18/14	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-143	12/10/14	0.2	U	NA		NA		NA		0.008	UU	28	U	50	U	65	U	72	UU	575
MW-143	06/23/15	NA		NA		NA		NA		NA		30	U	50	U	69	U	75	UU	572
MW-143	10/25/16	0.5	U	0.5	U	0.5	U	1.5	U	0.023		47	U	50	U	100	U	99	UU	553
MW-143	07/25/17	0.5	U	NA		NA		NA		0.008	UU	46	U	50	U	100	U	98	UU	553
MW-147*	10/21/08	0.50	U	0.50	U	0.50	U	1.00	U	0.007	UU	240	U	91.2		481	U	452		541
MW-147*	12/09/08	0.50	U	0.562		1.38		3.49		0.008	UU	243	U	604		485	U	968		653
MW-147*	02/23/09	0.5	U	NA		NA		NA		0.007	UU	1,100		760		380.00		2,240		573
MW-147* (Duplicate)	02/23/09	0.5	U	NA		NA		NA		0.008	UU	1,000		790		420		2,210		577
MW-147*	04/21/09	1.7		NA		NA		NA		0.008	UU	730		630		99		1,459		597
MW-147*	06/23/09	0.5	U	NA		NA		NA		0.007	UU	750		260		290		1,300		541
MW-147*	08/18/09	0.5	U	NA		NA		NA		0.012	UU	240		76		70	U	351		544
MW-147*	10/26/09	0.5	U	NA		NA		NA		0.012	UU	1,700		690		330		2,720		553
MW-147*	01/19/10	NA		NA		NA		NA		NA		360		750		66	U	1,143		663
MW-147*	04/20/10	NA		NA		NA		NA		NA		320		730		78		1,128		660
MW-147*	07/20/10	NA		NA		NA		NA		NA		500		70		100		670		520
MW-147*	10/26/10	0.5	U	NA		NA		NA		0.013	UU	1,200		330		200		1,730		539
MW-147*	03/22/11	NA		NA		NA		NA		NA		750		740		68	U	1,524		611
MW-147*	06/15/11	NA		NA		NA		NA		NA		370		250		67	U	654		584
MW-147*	09/27/11	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-147*	12/13/11	0.2	U	NA		NA		NA		0.007	UU	28	U	50	U	66	U	72	UU	575
MW-147* (Duplicate)	12/13/11	0.2	U	NA		NA		NA		0.007	UU	28	U	50	U	66	U	72	UU	575
MW-147*	03/28/12	NA		NA		NA		NA		NA		29	U	130		67	U	178		689
MW-147*	06/28/12	NA		NA		NA		NA		NA		29	U	59		67	U	107		630
MW-147*	09/26/12	NA		NA		NA		NA		NA		30	U	50	U	71	U	76	UU	571
MW-147*	12/14/12	0.2	U	NA		NA		NA		0.008	UU	28	U	50	U	66	U	72	UU	575
MW-147*	03/26/13	NA		NA		NA		NA		NA		28	U	50	U	66	U	72	UU	575
MW-147*	06/25/13	NA		NA		NA		NA		NA		30	U	50	U	71	U	76	UU	571
MW-147*	09/25/13	NA		NA		NA		NA		NA		29	U	50	U	69	U	74	UU	573

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 Petroleum and Polynuclear Aromatic Hydrocarbons
 Former Unocal Terminal
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Monitoring Well	Date Sampled	BTEX ¹ (µg/L)				Total cPAHs Adjusted for Toxicity ² (µg/L)		Diesel ³ (µg/L)	Gasoline ⁴ (µg/L)	Heavy Oil ³ (µg/L)	TPH ⁵ (µg/L)	TPH CUL ⁶ (µg/L)				
		B	T	E	X											
		CUL=16	--	--	--	CUL=0.05										
MW-147*	12/17/13	0.2	U	NA	NA	NA	NA	29	U	50	U	67	U	73	UU	574
MW-147*	03/28/14	NA		NA	NA	NA	NA	31	U	50	U	72	U	77	UU	570
MW-147*	06/18/14	NA		NA	NA	NA	NA	29	U	50	U	67	U	73	UU	574
MW-147*	09/30/14	NA		NA	NA	NA	NA	30	U	50	U	71	U	76	UU	571
MW-147*	12/09/14	0.2	U	NA	NA	NA	NA	29	U	50	U	67	U	73	UU	574
MW-147*	03/25/15	NA		NA	NA	NA	NA	30	U	50	U	69	U	75	UU	572
MW-147* (Duplicate)	03/25/15	NA		NA	NA	NA	NA	28	U	50	U	66	U	72	UU	575
MW-147*	06/23/15	NA		NA	NA	NA	NA	28	U	50	U	66	U	72	UU	575
MW-149R*	10/21/08	0.50	U	0.50	U	0.50	U	1.00	U	50	U	490	U	393	UU	512
MW-149R*	12/09/08	0.50	U	0.50	U	0.50	U	1.00	U	50	U	485	U	389	UU	512
MW-149R*	02/23/09	0.5	U	NA		NA		NA		50	U	78	U	174		528
MW-149R*	04/21/09	0.5	U	NA		NA		NA		50	U	76	U	163		531
MW-149R*	06/23/09	0.5	U	NA		NA		NA		50	U	66	U	248		520
MW-149R*	08/18/09	0.5	U	NA		NA		NA		50	U	66	U	218		522
MW-149R*	10/26/09	0.5	U	NA		NA		NA		50	U	320		775		506
MW-149R*	01/19/10	NA		NA		NA		NA	U	50	U	66	U	72	UU	575
MW-149R*	04/20/10	NA		NA		NA		NA	U	50	U	68	U	74	UU	573
MW-149R* (Duplicate)	04/20/10	NA		NA		NA		NA	U	50	U	66	U	72	UU	575
MW-149R*	07/20/10	NA		NA		NA		NA		50	U	89		324		515
MW-149R*	10/26/10	0.5	U	NA		NA		NA		50	U	210		645		507
MW-149R*	03/22/11	NA		NA		NA		NA		50	U	66	U	119		543
MW-149R*	06/17/11	NA		NA		NA		NA		50	U	66	U	140		536
MW-149R*	09/27/11	NA		NA		NA		NA	U	50	U	67	U	74	UU	573
MW-149R*	12/13/11	0.2	U	NA		NA		NA		50	U	68	U	74	UU	573
MW-149R*	03/28/12	NA		NA		NA		NA		50	U	66	U	72	UU	575
MW-149R* (Duplicate)	03/28/12	NA		NA		NA		NA	U	50	U	67	U	73	UU	574
MW-149R*	06/28/12	NA		NA		NA		NA		50	U	66	U	308		516
MW-149R*	09/26/12	NA		NA		NA		NA	U	50	U	74	U	78	UU	568
MW-149R*	12/14/12	0.2	U	NA		NA		NA		50	U	66	U	72	UU	575
MW-149R*	03/26/13	NA		NA		NA		NA		50	U	74	U	78	UU	568
MW-149R*	06/25/13	NA		NA		NA		NA		50	U	68	U	74	UU	573
MW-149R*	09/24/13	NA		NA		NA		NA		50	U	68	U	74	UU	573
MW-149R*	12/17/13	0.2	U	NA		NA		NA		50	U	71	U	76	UU	571
MW-149R*	03/28/14	NA		NA		NA		NA		50	U	68	U	74	UU	573
MW-149R*	06/18/14	NA		NA		NA		NA		50	U	66	U	72	UU	575
MW-149R*	09/30/14	NA		NA		NA		NA		50	U	70	U	75	UU	571
MW-149R*	12/09/14	0.2	U	NA		NA		NA		50	U	70	U	75	UU	571
MW-149R*	03/25/15	NA		NA		NA		NA		50	U	68	U	74	UU	573
MW-149R*	06/23/15	NA		NA		NA		NA		50	U	68	U	74	UU	573
MW-150*	10/21/08	0.50	U	0.50	U	0.50	U	1.00	U	50	U	481	UJ	626		508
MW-150*	12/09/08	0.50	U	0.50	U	0.50	U	1.00	U	50	U	495	U	397	UU	512
MW-150*	02/23/09	0.5	U	NA		NA		NA		50	U	69	U	142		535
MW-150*	04/21/09	0.5	U	NA		NA		NA		50	U	69	U	300		516
MW-150*	06/23/09	0.5	U	NA		NA		NA		50	U	69	U	220		522
MW-150*	08/18/09	0.5	U	NA		NA		NA		50	U	72	U	171		529
MW-150*	10/26/09	0.5	U	NA		NA		NA		50	U	270		715		507
MW-150*	01/19/10	NA		NA		NA		NA		50	U	69	U	91		558
MW-150*	04/20/10	NA		NA		NA		NA		50	U	77	U	112		546
MW-150*	07/20/10	NA		NA		NA		NA		50	U	68	U	259		519
MW-150*	10/26/10	0.5	U	NA		NA		NA		50	U	65	U	117		544
MW-150*	03/22/11	NA		NA		NA		NA		50	U	67	U	73	UU	574
MW-150*	06/17/11	NA		NA		NA		NA	U	50	U	68	U	249		520

Table 2
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 Petroleum and Polynuclear Aromatic Hydrocarbons
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date Sampled	BTEX ¹ (µg/L)				Total cPAHs Adjusted for Toxicity ² (µg/L)	Diesel ³ (µg/L)	Gasoline ⁴ (µg/L)	Heavy Oil ³ (µg/L)	TPH ⁵ (µg/L)	TPH CUL ⁶ (µg/L)
		B	T	E	X						
		CUL=16	--	--	--	CUL=0.05	--	--	--	see note 6	
MW-150*	09/27/11	NA	NA	NA	NA	NA	30 U	50 U	68 U	74 UU	573
MW-150*	12/13/11	0.2 U	NA	NA	NA	0.007 UU	29 U	50 U	68 U	74 UU	573
MW-150* (Duplicate)	12/13/11	0.2 U	NA	NA	NA	0.007 UU	28 U	50 U	66 U	72 UU	575
MW-150*	03/28/12	NA	NA	NA	NA	NA	29 U	50 U	67 U	73 UU	574
MW-150*	06/28/12	NA	NA	NA	NA	NA	29 U	50 U	68 U	74 UU	573
MW-150*	09/26/12	NA	NA	NA	NA	NA	29 U	50 U	68 U	74 UU	573
MW-150*	12/14/12	0.2 U	NA	NA	NA	0.008 UU	30 U	50 U	69 U	75 UU	572
MW-150*	03/26/13	NA	NA	NA	NA	NA	28 U	50 U	66 U	72 UU	575
MW-150*	06/25/13	NA	NA	NA	NA	NA	30 U	50 U	69 U	75 UU	572
MW-150*	09/26/13	NA	NA	NA	NA	NA	30 U	50 U	69 U	75 UU	572
MW-150*	12/17/13	0.2 U	NA	NA	NA	0.008 UU	30 U	50 U	70 U	75 UU	571
MW-150*	03/28/14	NA	NA	NA	NA	NA	28 U	50 U	66 U	72 UU	575
MW-150*	06/18/14	NA	NA	NA	NA	NA	29 U	50 U	67 U	73 UU	574
MW-150*	09/30/14	NA	NA	NA	NA	NA	31 U	50 U	71 U	76 UU	570
MW-150* (Duplicate)	09/30/14	NA	NA	NA	NA	NA	30 U	50 U	71 U	76 UU	571
MW-150*	12/09/14	0.4 U	NA	NA	NA	0.008 UU	28 U	50 U	66 U	72 UU	575
MW-150* (Duplicate)	12/09/14	0.2 U	NA	NA	NA	0.008 UU	30 U	50 U	70 U	75 UU	571
MW-150*	03/25/15	NA	NA	NA	NA	NA	29 U	50 U	67 U	73 UU	574
MW-150*	06/23/15	NA	NA	NA	NA	NA	28 U	50 U	66 U	72 UU	575
MW-203	06/28/12	NA	NA	NA	NA	NA	29 U	50 U	68 U	74 UU	573
MW-203	12/17/12	0.2 U	NA	NA	NA	0.008 UU	31 U	50 U	72 U	77 UU	570
MW-203	06/27/13	NA	NA	NA	NA	NA	29 U	50 U	67 U	73 UU	574
MW-203	12/19/13	0.2 U	NA	NA	NA	0.008 UU	30 U	50 U	70 U	75 UU	571
MW-203	06/18/14	NA	NA	NA	NA	NA	30 U	50 U	70 U	75 UU	571
MW-203	12/10/14	0.3	NA	NA	NA	0.008 UU	28 U	50 U	65 U	72 UU	575
MW-203	06/24/15	NA	NA	NA	NA	NA	28 U	50 U	66 U	72 UU	575
MW-20R*	10/22/08	2.95	0.50 U	3.31	1.00 U	0.008 UU	250 U	222	500 U	597	581
MW-20R*	12/10/08	22.2	0.50 U	2.06	1.14 U	0.007 UU	248 U	325	495 U	697	606
MW-20R*	02/24/09	55	NA	NA	NA	0.007 UU	580	420	87	1,087	585
MW-20R*	04/22/09	47	NA	NA	NA	0.008 UU	510	270	86	866	566
MW-20R*	06/24/09	0.5 U	NA	NA	NA	0.007 UU	160	50 U	69 U	220	522
MW-20R*	08/19/09	8.4	NA	NA	NA	0.012 UU	220	50 U	68 U	279	517
MW-20R*	10/27/09	4.9	NA	NA	NA	0.013 UU	170	50 U	72 U	231	521
MW-20R*	01/19/10	50	0.5 U	1.1	1.5 U	NA	260	66	66 U	359	537
MW-20R*	04/21/10	0.9	NA	NA	NA	NA	350	50 U	100	475	510
MW-20R*	07/20/10	0.5	0.5 U	0.5	0.5 U	NA	130	50 U	66 U	188	526
MW-20R* (Duplicate)	07/20/10	0.5	0.5 U	0.5	0.5 U	NA	130	50 U	66 U	188	526
MW-20R*	10/27/10	0.5 U	NA	NA	NA	0.012 UU	47	50 U	75 U	110	547
MW-20R*	03/23/11	5.3	NA	NA	NA	NA	390	50 U	190	605	508
MW-20R*	06/15/11	3.9	NA	NA	NA	NA	320	71	72	463	531
MW-20R*	09/27/11	0.9	NA	NA	NA	NA	29 U	50 U	68 U	74 UU	573
MW-20R*	12/14/11	20	NA	NA	NA	0.007 UU	29 U	65	67 U	113	638
MW-20R*	03/28/12	28	NA	NA	NA	NA	29 U	120	67 U	168	683
MW-20R*	06/28/12	0.3	NA	NA	NA	NA	29 U	50 U	68 U	74 UU	573
MW-20R*	09/26/12	2.2	NA	NA	NA	NA	30 U	57	70 U	107	625
MW-20R*	12/17/12	0.2 U	NA	NA	NA	0.008 UU	28 U	50 U	66 U	72 UU	575
MW-20R*	03/26/13	3.7	NA	NA	NA	NA	29 U	310	68 U	359	740
MW-20R*	06/25/13	1.1	NA	NA	NA	NA	29 U	69	67 U	117	642
MW-20R*	09/25/13	0.5 U	0.5 U	0.5	1.5 U	NA	31 U	50 U	72 U	77 UU	570
MW-20R* (Duplicate)	09/25/13	NA	NA	NA	NA	NA	30 U	50 U	69 U	75 UU	572
MW-20R*	12/18/13	35	NA	NA	NA	0.008 UU	30 U	82	70 U	132	652
MW-20R*	03/26/14	38	NA	NA	NA	NA	29 U	210	67 U	258	720

Table 2
 Summary of Groundwater Analytical Data
 Petroleum and Polynuclear Aromatic Hydrocarbons
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date Sampled	BTEX ¹ (µg/L)								Total cPAHs Adjusted for Toxicity ² (µg/L)	Diesel ³ (µg/L)	Gasoline ⁴ (µg/L)	Heavy Oil ³ (µg/L)	TPH ⁵ (µg/L)	TPH CUL ⁶ (µg/L)
		B		T		E		X							
		CUL=16													
MW-20R*	06/18/14	0.7		NA		NA		NA		NA	28 U	98	66 U	145	670
MW-20R*	10/01/14	0.8		NA		NA		NA		NA	32 U	50 U	74 U	78 UU	568
MW-20R*	12/10/14	0.8		NA		NA		NA	0.008 UU	30 U	50 U	69 U	75 UU	572	
MW-20R*	03/24/15	0.4		NA		NA		NA		31 U	88	71 U	139	656	
MW-20R*	06/24/15	NA		NA		NA		NA		28 U	50 U	66 U	72 UU	575	
MW-20R*	10/25/16	0.5 U		0.5 U		0.5 U		1.5 U		0.008 UU	45 U	50 U	100 U	98 UU	553
MW-20R*	07/26/17	1.6		NA		NA		NA		0.008 UU	46 U	64	100 U	137	606
MW-500*	10/27/08	0.8		0.50 U		0.93		8.29		0.007 UU	1,180	298	472 U	1,714	535
MW-500*	12/15/08	0.5 U		0.50 U		0.50 U		1.00 U		0.007 UU	245 U	50 U	490 U	393 UU	512
MW-500*	02/27/09	0.5 U		NA		NA		NA		0.008 UU	250	50 U	320	595	508
MW-500*	04/24/09	0.5 U		NA		NA		NA		0.007 UU	44	50 U	76 U	107	548
MW-500* (Duplicate)	04/24/09	0.5 U		NA		NA		NA		0.008 UU	35	50 U	75 U	98	553
MW-500*	06/29/09	0.5 U		NA		NA		NA		0.008	1,400	50 U	500	1,925	502
MW-500*	08/21/09	0.6		NA		NA		NA	0.012 UU	2,200	110	690	3,000	507	
MW-500*	10/29/09	0.5 U		NA		NA		NA	0.012 UU	1,000	50 U	500	1,525	503	
MW-500*	01/21/10	NA		NA		NA		NA		36	50 U	70	131	539	
MW-500* (Duplicate)	01/21/10	NA		NA		NA		NA		29 U	50 U	69 U	74 UU	573	
MW-500*	04/22/10	NA		NA		NA		NA		59	50 U	68 U	118	543	
MW-500*	07/22/10	NA		NA		NA		NA		490	50 U	96	611	508	
MW-500*	11/01/10	0.5 U		NA		NA		NA	0.012 UU	170	50 U	67 U	229	521	
MW-500*	03/24/11	NA		NA		NA		NA		32	50 U	68 U	91	557	
MW-500*	06/17/11	NA		NA		NA		NA		130	50 U	67 U	189	526	
MW-500*	09/28/11	NA		NA		NA		NA		61	60	69 U	156	585	
MW-500* (Duplicate)	09/28/11	NA		NA		NA		NA		45	62	98 U	156	588	
MW-500*	12/16/11	0.2 U		NA		NA		NA	0.008 UU	28 U	50 U	66 U	72 UU	575	
MW-500*	03/28/12	NA		NA		NA		NA		28 U	50 U	66 U	72 UU	575	
MW-500*	07/02/12	NA		NA		NA		NA		29 U	50 U	69 U	74 UU	573	
MW-500*	09/28/12	NA		NA		NA		NA		230	80	150	460	535	
MW-500*	12/19/12	0.2 U		NA		NA		NA	0.008 UU	28 U	50 U	66 U	72 UU	575	
MW-500*	03/28/13	NA		NA		NA		NA		28 U	50 U	66 U	72 UU	575	
MW-500*	06/28/13	NA		NA		NA		NA		29 U	57 U	67 U	77 UU	581	
MW-500*	09/26/13	NA		NA		NA		NA		41	50 U	70 U	101	551	
MW-500*	12/20/13	0.2 U		NA		NA		NA	0.008 UU	30 U	50 U	69 U	75 UU	572	
MW-500*	03/28/14	NA		NA		NA		NA		29 U	50 U	67 U	73 UU	574	
MW-500*	06/19/14	NA		NA		NA		NA		29 U	72	67 U	120	645	
MW-500*	10/01/14	NA		NA		NA		NA		130	65	83	278	548	
MW-500*	12/11/14	0.2 U		NA		NA		NA	0.008 UU	29 U	50 U	67 U	73 UU	574	
MW-500*	03/26/15	NA		NA		NA		NA		28 U	50 U	66 U	72 UU	575	
MW-500*	06/26/15	NA		NA		NA		NA		83	93	66 U	209	600	
MW-501*	10/24/08	0.50 U		1.42 U		1.15		1.00 U		0.008 UU	6,690 J	1,040	597 J	8,327	525
MW-501*	12/15/08	0.50 U		0.50 U		0.50 U		1.00 U		0.007 UU	243 U	50 U	485 U	389 UU	512
MW-501*	03/02/09	0.5 U		NA		NA		NA		0.008 UU	630	50.00 U	160	815	506
MW-501*	03/02/09	5.0 U		NA		NA		NA		0.008 UU	550	50.00 U	210	785	506
MW-501*	04/24/09	0.5 U		NA		NA		NA		0.007 UU	350	50 U	67	442	511
MW-501*	06/26/09	0.5 U		NA		NA		NA		0.007 UU	1,700	50 U	1,100	2,825	502
MW-501*	08/21/09	0.5 U		NA		NA		NA	0.013 UU	2,600	50 U	760	3,385	501	
MW-501*	10/29/09	0.5 U		NA		NA		NA	0.013 UU	75	50 U	73 U	137	537	
MW-501*	01/21/10	NA		NA		NA		NA		75	50 U	67 U	134	538	
MW-501*	04/22/10	NA		NA		NA		NA		130	50 U	69 U	190	526	
MW-501*	07/22/10	NA		NA		NA		NA		470	50 U	97	592	508	
MW-501*	11/01/10	0.5 U		NA		NA		NA	0.013 UU	230	50 U	68 U	289	517	
MW-501*	03/24/11	NA		NA		NA		NA		89	50 U	67 U	148	534	

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Table 2
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 Petroleum and Polynuclear Aromatic Hydrocarbons
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date Sampled	BTEX ¹ (µg/L)				Total cPAHs Adjusted for Toxicity ² (µg/L)	Diesel ³ (µg/L)	Gasoline ⁴ (µg/L)	Heavy Oil ³ (µg/L)	TPH ⁵ (µg/L)	TPH CUL ⁶ (µg/L)						
		B	T	E	X												
		CUL=16	--	--	--												
MW-501*	06/17/11	NA	NA	NA	NA	340		50	U	82	447	511					
MW-501*	09/28/11	NA	NA	NA	NA	30	U	50	U	67	74	UU	573				
MW-501*	12/16/11	0.2	U	NA	NA	28	U	50	U	66	72	UU	575				
MW-501*	03/28/12	NA	NA	NA	NA	29	U	50	U	67	73	UU	574				
MW-501*	07/02/12	NA	NA	NA	NA	31	U	50	U	73	77	UU	569				
MW-501*	09/28/12	NA	NA	NA	NA	29	U	50	U	67	73	UU	574				
MW-501*	12/19/12	0.2	U	NA	NA	0.008	UU	54	U	67	113		545				
MW-501*	03/28/13	NA	NA	NA	NA	30	U	50	U	70	75	UU	571				
MW-501*	06/27/13	NA	NA	NA	NA	30	U	50	U	70	75	UU	571				
MW-501*	09/26/13	NA	NA	NA	NA	30	U	50	U	71	76	UU	571				
MW-501*	12/20/13	0.2	U	NA	NA	0.008	UU	29	U	67	73	UU	574				
MW-501*	03/28/14	NA	NA	NA	NA	29	U	50	U	67	73	UU	574				
MW-501*	06/19/14	NA	NA	NA	NA	29	U	50	U	67	73	UU	574				
MW-501*	10/01/14	NA	NA	NA	NA	30	U	50	U	71	76	UU	571				
MW-501*	12/11/14	0.2	U	NA	NA	0.008	UU	28	U	66	72	UU	575				
MW-501*	03/26/15	NA	NA	NA	NA	29	U	50	U	68	74	UU	573				
MW-501*	06/26/15	NA	NA	NA	NA	28	U	50	U	66	72	UU	575				
MW-502	10/24/08	0.50	U	0.50	U	0.891	UU	1.00	U	347	1,100	JZ	500	U	1,697	661	
MW-502	12/12/08	0.50	U	0.50	U	0.50	U	1.00	U	321	874	JZ	485	U	1,438	648	
MW-502	02/25/09	0.5	U	NA	NA	NA	UU	NA	U	31	1,500		72	U	1,552	784	
MW-502	04/22/09	0.5	U	NA	NA	NA	UU	0.071	UU	370	1,100		66	U	1,503	689	
MW-502	06/26/09	0.5	U	NA	NA	NA	UU	0.007	UU	260	170		82	U	512	571	
MW-502 (Duplicate)	06/26/09	0.5	U	NA	NA	NA	UU	0.007	UU	220	160		66	U	413	585	
MW-502	08/21/09	0.5	U	NA	NA	NA	UU	0.012	UU	140	50	U	67	U	199	525	
MW-502	10/28/09	0.5	U	NA	NA	NA	UU	0.012	UU	370	470		66	U	873	626	
MW-502	01/21/10	NA	NA	NA	NA	NA		NA		300	800		130		1,230	661	
MW-502	04/22/10	NA	NA	NA	NA	NA		NA		290	520		67	U	844	650	
MW-502	07/21/10	NA	NA	NA	NA	NA		NA		200	50	U	68	U	259	519	
MW-502	10/28/10	0.5	U	NA	NA	NA	UU	0.013	UU	98	50	U	75	U	161	531	
MW-502	06/17/11	NA	NA	NA	NA	NA		NA		150	50	U	67	U	209	524	
MW-502	12/16/11	0.2	U	NA	NA	NA	UU	0.007	UU	30	50	U	66	U	88	560	
MW-502	07/02/12	NA	NA	NA	NA	NA		NA		29	50	U	68	U	74	UU	573
MW-502	12/19/12	0.2	U	NA	NA	NA	UU	0.008	UU	95	180		68	U	309	640	
MW-502 (Duplicate)	12/19/12	0.2	U	NA	NA	NA	UU	0.008	UU	95	190		66	U	318	644	
MW-502	06/26/13	NA	NA	NA	NA	NA		NA		29	50	U	67	U	73	UU	574
MW-502	12/20/13	0.2	U	NA	NA	NA	UU	0.008	UU	30	50	U	70	U	75	UU	571
MW-502	06/19/14	NA	NA	NA	NA	NA		NA		29	50	U	68	U	74	UU	573
MW-502	12/11/14	0.2	U	NA	NA	NA	UU	0.008	UU	29	50	U	68	U	74	UU	573
MW-502	06/25/15	NA	NA	NA	NA	NA		NA		28	50	U	66	U	72	UU	575
MW-502	10/25/16	0.5	U	0.5	U	0.5	U	1.5	U	46	50	U	100	U	98	UU	553
MW-502	07/26/17	0.5	U	NA	NA	NA	UU	NA	UU	47	50	U	100	U	99	UU	553
MW-502 (Duplicate)	07/26/17	0.5	U	NA	NA	NA	UU	NA	UU	46	50	U	100	U	98	UU	553
MW-503	10/27/08	0.50	U	0.50	U	0.50	U	1.00	U	236	50	U	472	U	379	UU	513
MW-503	12/12/08	0.50	U	0.50	U	0.50	U	1.00	U	243	50	U	485	U	389	UU	512
MW-503	02/26/09	0.5	U	NA	NA	NA	UU	NA	UU	77	50	U	74	U	139		536
MW-503	04/22/09	0.5	U	NA	NA	NA	UU	NA	UU	130	50	U	68	U	189		526
MW-503	06/26/09	0.5	U	NA	NA	NA	UU	NA	UU	210	50	U	96		331		515
MW-503	08/21/09	0.5	U	NA	NA	NA	UU	0.012	UU	140	50	U	67	U	199		525
MW-503	10/28/09	0.5	U	NA	NA	NA	UU	0.012	UU	160	50	U	66	U	218		522
MW-503	01/21/10	NA	NA	NA	NA	NA		NA		150	50	U	190		365		513
MW-503	04/22/10	NA	NA	NA	NA	NA		NA		30	50	U	70	U	75	UU	571
MW-503	07/21/10	NA	NA	NA	NA	NA		NA		220	50	U	68	U	279		517

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 Former Unocal Terminal
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Monitoring Well	Date Sampled	BTEX ¹ (µg/L)								Total cPAHs Adjusted for Toxicity ² (µg/L)		Diesel ³ (µg/L)	Gasoline ⁴ (µg/L)	Heavy Oil ³ (µg/L)	TPH ⁵ (µg/L)	TPH CUL ⁶ (µg/L)	
		B		T		E		X									
		CUL=16															
															see note 6		
MW-503	10/28/10	0.5	U	NA		NA		NA		0.013	UU	150	50	U	79	254	519
MW-503	06/17/11	NA		NA		NA		NA		NA		140	50	U	67	199	525
MW-503 (Duplicate)	06/17/11	NA		NA		NA		NA		NA		160	50	U	67	219	522
MW-503	12/15/11	0.2	U	NA		NA		NA		0.007	UU	28	50	U	66	72	575
MW-503	07/02/12	NA		NA		NA		NA		NA		29	50	U	69	74	573
MW-503	12/18/12	0.2	U	NA		NA		NA		0.008	UU	29	50	U	67	73	574
MW-503	06/27/13	NA		NA		NA		NA		NA		30	50	U	70	75	571
MW-503	12/19/13	0.2	U	NA		NA		NA		0.008	UU	29	50	U	67	73	574
MW-503	06/19/14	NA		NA		NA		NA		NA		29	50	U	67	73	574
MW-503	12/11/14	0.2	U	NA		NA		NA		0.008		29	50	U	68	74	573
MW-503	06/25/15	NA		NA		NA		NA		NA		31	50	U	72	77	570
MW-503	10/25/16	0.5	U	0.5	U	0.5	U	1.5	U	0.008	UU	47	50	U	100	99	553
MW-504	10/24/08	7.03		0.50	U	4.03		2.95		0.008	UU	248	329	U	495	701	607
MW-504	12/12/08	0.5	U	0.5	U	0.5	U	1.00	U	0.008	UU	248	50	U	495	397	512
MW-504 (Duplicate)	12/12/08	5	U	5	U	5	U	1.00	U	0.007	UU	250	50	U	500	400	512
MW-504	02/27/09	0.5	U	NA		NA		NA		0.007	UU	30	50	U	70	75	571
MW-504	04/24/09	0.5	U	NA		NA		NA		0.007	UU	46	50	U	66	104	550
MW-504	06/26/09	0.5	U	NA		NA		NA		0.007	UU	220	50	U	73	282	517
MW-504	08/21/09	0.5	U	NA		NA		NA		0.012	UU	220	50	U	68	279	517
MW-504	10/28/09	0.5	U	NA		NA		NA		0.012	UU	95	50	U	66	153	533
MW-504	01/21/10	NA		NA		NA		NA		NA		28	50	U	66	72	575
MW-504	04/22/10	NA		NA		NA		NA		NA		29	50	U	67	73	574
MW-504	07/21/10	NA		NA		NA		NA		NA		110	50	U	75	173	529
MW-504	10/28/10	0.5	U	NA		NA		NA		0.012	UU	110	50	U	66	168	530
MW-504	06/17/11	NA		NA		NA		NA		NA		60	50	U	68	119	543
MW-504	12/16/11	0.2	U	NA		NA		NA		0.007	UU	28	50	U	66	72	575
MW-504 (Duplicate)	12/16/11	0.2	U	NA		NA		NA		0.007		29	50	U	68	74	573
MW-504	07/02/12	NA		NA		NA		NA		NA		30	50	U	69	75	572
MW-504	12/18/12	0.2	U	NA		NA		NA		0.008	UU	29	50	U	68	74	573
MW-504	06/27/13	NA		NA		NA		NA		NA		29	50	U	68	74	573
MW-504 (Duplicate)	06/27/13	NA		NA		NA		NA		NA		29	50	U	68	74	573
MW-504	12/19/13	0.2	U	NA		NA		NA		0.008	UU	28	78	U	66	125	653
MW-504	06/19/14	NA		NA		NA		NA		NA		29	50	U	68	74	573
MW-504	12/11/14	0.2	U	NA		NA		NA		0.008	UU	29	50	U	68	74	573
MW-504	06/25/15	NA		NA		NA		NA		NA		28	50	U	66	72	575
MW-504	10/25/16	0.5	U	0.5	U	0.5	U	1.5	U	0.008	UU	47	50	U	100	99	553
MW-504	07/26/17	0.5	U	NA		NA		NA		0.008	UU	46	50	U	100	98	553
MW-505	10/24/08	0.5	U	0.5	U	0.50	U	1.01		0.008	UU	253	50	U	505	404	512
MW-505 (Duplicate)	10/24/08	5.0	U	5.0	U	2.78		1.00	U	0.007	UU	250	50	U	500	400	512
MW-505	12/15/08	0.5	U	0.5	U	0.50	U	1.00	U	0.007	UU	238	50	U	476	382	513
MW-505 (Duplicate)	12/15/08	5.0	U	5.0	U	0.647	U	1.00	U	0.007	UU	238	50	U	476	382	513
MW-505	02/27/09	0.5	U	NA		NA		NA		0.008	UU	52	50	U	78	116	544
MW-505	04/22/09	0.5	U	NA		NA		NA		0.008		59	50	U	67	118	543
MW-505	06/26/09	0.5	U	NA		NA		NA		0.007	UU	39	50	U	100	164	530
MW-505	08/21/09	0.5	U	NA		NA		NA		0.013	UU	98	50	U	75	161	531
MW-505	10/28/09	0.5	U	NA		NA		NA		0.012	UU	67	50	U	69	127	540
MW-505	01/20/10	NA		NA		NA		NA		NA		30	50	U	71	76	571
MW-505	04/22/10	NA		NA		NA		NA		NA		30	50	U	69	75	572
MW-505	07/21/10	NA		NA		NA		NA		NA		220	50	U	67	279	517
MW-505	10/29/10	0.5	U	NA		NA		NA		0.013	UU	130	50	U	74	192	526
MW-505	06/17/11	NA		NA		NA		NA		NA		100	50	U	67	159	531

Table 2
 Summary of Groundwater Analytical Data
 Petroleum and Polynuclear Aromatic Hydrocarbons
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date Sampled	BTEX ¹ (µg/L)								Total cPAHs Adjusted for Toxicity ² (µg/L)		Diesel ³ (µg/L)		Gasoline ⁴ (µg/L)		Heavy Oil ³ (µg/L)		TPH ⁵ (µg/L)		TPH CUL ⁶ (µg/L)
		B		T		E		X												
		CUL=16																		
MW-505	12/15/11	0.2	U	NA		NA		NA		0.007	UU	29	U	50	U	67	U	73	UU	574
MW-505	07/02/12	NA		NA		NA		NA		NA		31	U	50	U	73	U	77	UU	569
MW-505 (Duplicate)	07/02/12	NA		NA		NA		NA		NA		32	U	50	U	75	U	95		555
MW-505	12/18/12	0.2	U	NA		NA		NA		0.008	UU	31	U	50	U	71	U	76	UU	570
MW-505	06/27/13	NA		NA		NA		NA		NA		30	U	50	U	70	U	75	UU	571
MW-505	12/19/13	0.2	U	NA		NA		NA		0.008	UU	28	U	50	U	66	U	72	UU	575
MW-505	06/19/14	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-505	12/11/14	0.2	U	NA		NA		NA		0.009		29	U	50	U	67	U	73	UU	574
MW-505	06/25/15	NA		NA		NA		NA		NA		31	U	50	U	72	U	77	UU	570
MW-505	10/25/16	0.5	U	0.5	U	0.5	U	1.5	U	0.008	UU	45	U	50	U	100	U	98	UU	553
MW-505 (Duplicate)	10/25/16	0.5	U	0.5	U	0.5	U	1.5	U	0.008	UU	46	U	50	U	100	U	98	UU	553
MW-505	07/26/17	0.5	U	NA		NA		NA		0.008	UU	45	U	50	U	100	U	98	UU	553
MW-506	10/24/08	0.50	U	0.50	U	0.50	U	1.00	U	0.007	UU	245	U	50	U	490	U	393	UU	512
MW-506	12/12/08	0.50	U	0.50	U	0.50	U	1.00	U	0.007	UU	248	U	50	U	495	U	397	UU	512
MW-506	02/27/09	0.5	U	NA		NA		NA		0.007	UU	37		50	U	70	U	97		553
MW-506	04/24/09	0.5	U	NA		NA		NA		0.008	UU	31	U	50	U	72	U	77	UU	570
MW-506	06/26/09	0.5	U	NA		NA		NA		0.007	UU	38		50	U	140		203		524
MW-506	08/21/09	0.5	U	NA		NA		NA		0.013	UU	85		50	U	75	U	148		534
MW-506	10/30/09	0.5	U	NA		NA		NA		0.016	UU	50		50	U	74	U	112		546
MW-506	01/21/10	NA		NA		NA		NA		NA		28	U	50	U	66	U	72	UU	575
MW-506	04/22/10	NA		NA		NA		NA		NA		36		50	U	75	U	99		553
MW-506	07/21/10	NA		NA		NA		NA		NA		57		50	U	68	U	116		544
MW-506	10/29/10	0.50	U	NA		NA		NA		0.012	UU	97		50	U	72	U	158		532
MW-506 (Duplicate)	10/29/10	0.5	U	NA		NA		NA		0.012	UU	72		50	U	71	U	133		538
MW-506	06/16/11	NA		NA		NA		NA		NA		50		50	U	67	U	109		547
MW-506	12/15/11	0.2	U	NA		NA		NA		0.007	UU	29	U	50	U	67	U	73	UU	574
MW-506	06/29/12	NA		NA		NA		NA		NA		30	U	50	U	70	U	75	UU	571
MW-506	12/19/12	0.2	U	NA		NA		NA		0.008	UU	29	U	50	U	67	U	73	UU	574
MW-506	06/27/12	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-506	12/19/13	0.2	U	NA		NA		NA		0.008	UU	28	U	50	U	66	U	72	UU	575
MW-506 (Duplicate)	12/19/13	0.2	U	NA		NA		NA		0.008	UU	28	U	50	U	60	U	69	UU	579
MW-506	06/19/14	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-506	12/11/14	0.2	U	NA		NA		NA		0.008	UU	29	U	50	U	67	U	73	UU	574
MW-506	06/25/15	NA		NA		NA		NA		NA		28	U	50	U	66	U	72	UU	575
MW-506	10/25/16	0.5	U	0.5	U	0.5	U	1.5	U	0.008	UU	46	U	50	U	100	U	98	UU	553
MW-506	07/27/17	0.5	U	NA		NA		NA		0.008	UU	46	U	50	U	100	U	98	UU	553
MW-507	10/24/08	0.995		0.50	U	0.50	U	1.00	U	0.007	UU	240	U	523		481	U	884		643
MW-507	12/12/08	0.605		0.50	U	0.50	U	1.00	U	0.007	UU	245	U	194		490	U	562		574
MW-507	02/27/09	0.5	U	NA		NA		NA		0.007	UU	610		120		310		1,040		523
MW-507 (Duplicate)	02/27/09	5	U	NA		NA		NA		0.007	UU	560		130		120		810		532
MW-507	04/24/09	0.5	U	NA		NA		NA		0.007	UU	520		59		74	U	616		519
MW-507	06/26/09	0.5	U	NA		NA		NA		0.007	UU	640		62		440		1,142		510
MW-507	08/21/09	0.5	U	NA		NA		NA		0.013	UU	450		54		69	U	539		520
MW-507 (Duplicate)	08/21/09	0.5	U	NA		NA		NA		0.012	UU	500		50	U	72	U	561		508
MW-507	10/28/09	0.5	U	NA		NA		NA		0.013	UU	900		50	U	88		1,013		505
MW-507	01/21/10	NA		NA		NA		NA		NA		270		50	U	88		383		513
MW-507	04/22/10	NA		NA		NA		NA		NA		290		50	U	91		406		512
MW-507	07/21/10	NA		NA		NA		NA		NA		330		50	U	80		435		511
MW-507	10/29/10	0.5	U	NA		NA		NA		0.012	UU	370		50	U	220		615		508
MW-507	06/17/11	NA		NA		NA		NA		NA		200		50	U	88		313		515
MW-507	12/16/11	0.2	U	NA		NA		NA		0.007	UU	28	U	50	U	66	U	72	UU	575
MW-507 (Duplicate)	12/16/11	0.2	U	NA		NA		NA		0.007	UU	29	U	50	U	67	U	73	UU	574

Table 2
 Summary of Groundwater Analytical Data
 Petroleum and Polynuclear Aromatic Hydrocarbons
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date Sampled	BTEX ¹ (µg/L)								Total cPAHs Adjusted for Toxicity ² (µg/L)		Diesel ³ (µg/L)		Gasoline ⁴ (µg/L)		Heavy Oil ³ (µg/L)		TPH ⁵ (µg/L)		TPH CUL ⁶ (µg/L)
		B		T		E		X												
		CUL=16																see note 6		
MW-507	06/29/12	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-507	12/19/12	0.2	U	NA		NA		NA		0.008	UU	28	U	50	U	66	U	72	UU	575
MW-507	06/27/13	NA		NA		NA		NA		NA		29	U	50	U	68	U	74	UU	573
MW-507	12/19/13	0.2	U	NA		NA		NA		0.008	UU	28	U	50	U	66	U	72	UU	575
MW-507	06/19/14	NA		NA		NA		NA		NA		28	U	50	U	66	U	72	UU	575
MW-507	12/11/14	0.2	U	NA		NA		NA		0.009		29	U	50	U	68	U	74	UU	573
MW-507	06/25/15	NA		NA		NA		NA		NA		28	U	50	U	66	U	72	UU	575
MW-507	10/25/16	0.5	U	0.5	U	0.5	U	1.5	U	0.008	UU	46	U	50	U	100	U	98	UU	553
MW-507	07/27/17	0.5	U	NA		NA		NA		0.008	UU	46	U	50	U	100	U	98	UU	553
MW-507 (Duplicate)	07/27/17	0.5	U	NA		NA		NA		0.008	UU	46	U	50	U	100	U	98	UU	553
MW-508	10/24/08	0.50	U	0.50	U	0.50	U	1.00	U	0.008	UU	243	U	50	U	485	U	389	UU	512
MW-508	12/11/08	0.50	U	0.50	U	0.50	U	1.00	U	0.008	UU	243	U	50	U	485	U	389	UU	512
MW-508	02/26/09	0.5	U	NA		NA		NA		0.007	UU	85	U	50	U	74	U	147		534
MW-508	04/23/09	0.5	U	NA		NA		NA		0.008	UU	90	U	50	U	70	U	150		533
MW-508	06/25/09	0.5	U	NA		NA		NA		0.007	UU	430	U	50	U	290		745		506
MW-508 (Duplicate)	06/25/09	0.5	U	NA		NA		NA		0.007	UU	310	U	50	U	310		645		507
MW-508	08/21/09	0.5	U	NA		NA		NA		0.012	UU	200	U	50	U	67	U	259		519
MW-508	10/28/09	0.5	U	NA		NA		NA		0.012	UU	71	U	50	U	67	U	130		539
MW-508 (Duplicate)	10/28/09	0.5	U	NA		NA		NA		0.013	UU	68	U	50	U	70	U	128		540
MW-508	01/20/10	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-508 (Duplicate)	01/20/10	NA		NA		NA		NA		NA		28	U	50	U	66	U	72	UU	575
MW-508	04/22/10	NA		NA		NA		NA		NA		31	U	50	U	72	U	77	UU	570
MW-508	07/21/10	NA		NA		NA		NA		NA		270	U	50	U	76	U	333		514
MW-508	10/28/10	0.5	U	NA		NA		NA		0.012	UU	64	U	50	U	66	U	122		542
MW-508	06/16/11	NA		NA		NA		NA		NA		150	U	50	U	67	U	209		524
MW-508	12/15/11	0.2	U	NA		NA		NA		0.007	UU	29	U	50	U	67	U	73	UU	574
MW-508	06/29/12	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-508	12/19/12	0.2	U	NA		NA		NA		0.008	UU	46	U	50	U	67	U	105		549
MW-508	06/27/13	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-508 (Duplicate)	06/27/13	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-508	12/19/13	0.2	U	NA		NA		NA		0.008	UU	29	U	50	U	67	U	73	UU	574
MW-508	06/19/14	NA		NA		NA		NA		NA		28	U	50	U	66	U	72	UU	575
MW-508	12/11/14	0.2	U	NA		NA		NA		0.008		29	U	50	U	67	U	73	UU	574
MW-508	06/25/15	NA		NA		NA		NA		NA		28	U	50	U	66	U	72	UU	575
MW-508	10/25/16	0.5	U	0.5	U	0.5	U	1.5	U	0.008	UU	47	U	50	U	100	U	99	UU	553
MW-508	07/27/17	0.5	U	NA		NA		NA		0.008	UU	47	U	50	U	100	U	99	UU	553
MW-509	10/23/08	0.50	U	0.50	U	0.50	U	1.00	U	0.007	UU	243	U	50	U	485	U	389	UU	512
MW-509	12/11/08	0.50	U	0.50	U	0.50	U	1.00	U	0.007	UU	243	U	50	U	485	U	389	UU	512
MW-509	02/25/09	0.5	U	NA		NA		NA		0.008	UU	32	U	50	U	75	U	79	UU	568
MW-509	04/23/09	0.5	U	NA		NA		NA		0.007	UU	31	U	50	U	71	U	76	UU	570
MW-509	06/25/09	0.5	U	NA		NA		NA		0.007	UU	29	U	50	U	68	U	88		560
MW-509	08/21/09	0.5	U	NA		NA		NA		0.012	UU	46	U	50	U	70	U	106		549
MW-509	10/28/09	0.5	U	NA		NA		NA		0.012	UU	48	U	50	U	76	U	111		546
MW-509	01/20/10	NA		NA		NA		NA		NA		28	U	50	U	66	U	72	UU	575
MW-509	04/21/10	NA		NA		NA		NA		NA		43	U	50	U	68	U	102		551
MW-509	07/21/10	NA		NA		NA		NA		NA		34	U	50	U	75	U	97		554
MW-509 (Duplicate)	07/21/10	NA		NA		NA		NA		NA		34	U	50	U	74	U	96		554
MW-509	10/28/10	0.5	U	NA		NA		NA		0.012	UU	40	U	50	U	76	U	103		550
MW-509	06/16/11	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-509	12/15/11	0.2	U	NA		NA		NA		0.007	UU	29	U	50	U	67	U	73	UU	574
MW-509	06/29/12	NA		NA		NA		NA		NA		29	U	50	U	68	U	74	UU	573
MW-509	12/19/12	0.2	U	NA		NA		NA		0.008	UU	28	U	50	U	66	U	72	UU	575

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 Petroleum and Polynuclear Aromatic Hydrocarbons
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 Edmonds, Washington

Monitoring Well	Date Sampled	BTEX ¹ (µg/L)				Total cPAHs Adjusted for Toxicity ² (µg/L)	Diesel ³ (µg/L)	Gasoline ⁴ (µg/L)	Heavy Oil ³ (µg/L)	TPH ⁵ (µg/L)	TPH CUL ⁶ (µg/L)
		B	T	E	X						
		CUL=16				CUL=0.05	--	--	--	see note 6	
MW-509	06/27/13	NA	NA	NA	NA	NA	29 U	50 U	67 U	73 UU	574
MW-509	12/19/13	0.2 U	NA	NA	NA	0.008 UU	28 U	50 U	66 U	72 UU	575
MW-509	06/19/14	NA	NA	NA	NA	NA	28 U	50 U	66 U	72 UU	575
MW-509 (Duplicate)	06/19/14	NA	NA	NA	NA	NA	28 U	50 U	66 U	72 UU	575
MW-509	12/11/14	0.2 U	NA	NA	NA	0.008	28 U	50 U	66 U	72 UU	575
MW-509	06/25/15	NA	NA	NA	NA	NA	30 U	50 U	70 U	75 UU	571
MW-509 (Duplicate)	06/25/15	NA	NA	NA	NA	NA	31 U	50 U	72 U	77 UU	570
MW-509	10/25/16	0.5 U	0.5 U	0.5 U	1.5 U	0.008 UU	47 U	50 U	100 U	99 UU	553
MW-509	07/27/17	0.5 U	NA	NA	NA	0.008 UU	45 U	50 U	100 U	98 UU	553
MW-510*	10/23/08	6.89	0.832	0.54	4.93	0.149 UU	3,400	332 JZ	495 U	3,980	516
MW-510*	12/11/08	5.44	0.50 U	0.50 U	3.98	0.075 UU	4,920	244	485 U	5,407	509
MW-510*	02/26/09	9.4	NA	NA	NA	0.032 UU	14,000	430	3900 U	16,380	505
MW-510*	04/27/09	14	NA	NA	NA	0.007 UU	21,000	530	1,400	22,930	504
MW-510*	06/24/09	18	NA	NA	NA	0.015	22,000	490	2,600	25,090	504
MW-510*	08/20/09	8.4	NA	NA	NA	0.012 UU	16,000	430	3,300 U	18,080	504
MW-510*	10/28/09						Not sampled due to the presence of LNAPL				NA
MW-510*	01/19/10						Not sampled due to the presence of LNAPL				NA
MW-510*	04/20/10						Not sampled due to the presence of LNAPL				NA
MW-510*	07/19/10						Not sampled due to the presence of LNAPL				NA
MW-510*	10/25/10						Not sampled due to the presence of LNAPL				NA
MW-510*	03/22/11						Not sampled due to the presence of LNAPL				NA
MW-510*	06/20/11	NA	NA	NA	NA	NA	12,000	200	3,100	15,300	502
MW-510*	09/28/11						Not sampled due to the presence of LNAPL				NA
MW-510*	12/13/11						Not Sampled				NA
MW-510*	06/29/12						Not sampled due to the presence of LNAPL				NA
MW-510*	09/26/12						Not sampled due to the presence of LNAPL				NA
MW-510*	12/19/12	0.2 U	NA	NA	NA	0.078	1,300	69	390	1,759	507
MW-510*	03/27/13	NA	NA	NA	NA	NA	1,100	130	500	1,730	514
MW-510* (Duplicate)	03/27/13	NA	NA	NA	NA	NA	920	130	450	1,500	517
MW-510*	06/26/13	NA	NA	NA	NA	NA	1,000	180	440	1,620	522
MW-510*	09/24/13	NA	NA	NA	NA	NA	2,400	130	1,100	3,630	507
MW-510*	12/18/13	0.2 U	NA	NA	NA	0.029	1,000	130	360	1,490	517
MW-510*	03/26/14	NA	NA	NA	NA	NA	4,400	140	1,600	6,140	504
MW-510* (Duplicate)	03/26/14	NA	NA	NA	NA	NA	3,300	160	1,300	4,760	506
MW-510*	06/18/14	NA	NA	NA	NA	NA	620	50 U	230	875	505
MW-510*	09/30/14	NA	NA	NA	NA	NA	4,000	50 U	1,800	5,825	501
MW-510*	12/10/14	0.3	NA	NA	NA	0.008 UU	180	50 U	130	335	514
MW-510* (Duplicate)	12/10/14	0.2 U	NA	NA	NA	0.008 UU	240	50 U	180	445	511
MW-510*	03/24/15	NA	NA	NA	NA	NA	250	50 U	95	370	513
MW-510* (Duplicate)	03/24/15	NA	NA	NA	NA	NA	240	50 U	150	415	512
MW-510*	06/23/15	NA	NA	NA	NA	NA	290	65	150	505	525
MW-510*	10/26/16	0.5 U	0.5 U	0.5 U	1.5 U	0.040	1,500	82	900	2,482	506
MW-510*	07/26/17	0.5 U	NA	NA	NA	0.008 UU	46 U	86	100 U	159	627
MW-511	10/24/08	0.50 U	0.50 U	0.50 U	1.00 U	0.008 UU	250 U	50 U	500 U	400 UU	512
MW-511	12/12/08	0.50 U	0.50 U	0.50 U	1.00 U	0.007 UU	243 U	50 U	485 U	389 UU	512
MW-511	02/25/09	0.5 U	NA	NA	NA	0.007 UU	30 U	50 U	70 U	75 UU	571
MW-511	04/21/09	0.5 U	NA	NA	NA	0.007 UU	28 U	50 U	66 U	72 UU	575
MW-511	06/24/09	0.5 U	NA	NA	NA	0.007 UU	28 U	50 U	66 U	72 UU	575
MW-511 (Duplicate)	06/24/09	0.5 U	NA	NA	NA	0.007 UU	28 U	50 U	66 U	72 UU	575
MW-511	08/19/09	0.5 U	NA	NA	NA	0.012 UU	32	50 U	74 U	94	555
MW-511	10/28/09	0.5 U	NA	NA	NA	0.012 UU	33	50 U	65 U	91	558
MW-511 (Duplicate)	10/28/09	0.5 U	NA	NA	NA	0.012 UU	28 U	50 U	65 U	72 UU	575

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 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date Sampled	BTEX ¹ (µg/L)				Total cPAHs Adjusted for Toxicity ² (µg/L)	Diesel ³ (µg/L)	Gasoline ⁴ (µg/L)	Heavy Oil ³ (µg/L)	TPH ⁵ (µg/L)	TPH CUL ⁶ (µg/L)
		B	T	E	X						
		CUL=16	--	--	--	CUL=0.05	--	--	--	see note 6	
MW-511	01/20/10	NA	NA	NA	NA	NA	28 U	50 U	66 U	72 UU	575
MW-511	04/22/10	NA	NA	NA	NA	NA	32 U	50 U	75 U	79 UU	568
MW-511	07/22/10	NA	NA	NA	NA	NA	72	50 U	67 U	131	539
MW-511	10/28/10	0.5 U	NA	NA	NA	0.012 UU	36	50 U	67 U	95	555
MW-511	06/17/11	NA	NA	NA	NA	NA	100	50 U	70 U	160	531
MW-511	12/19/11	0.2 U	NA	NA	NA	0.007 UU	29 U	50 U	67 U	73 UU	574
MW-511	06/28/12	NA	NA	NA	NA	NA	30 U	50 U	69 U	75 UU	572
MW-511 (Duplicate)	06/28/12	NA	NA	NA	NA	NA	29 U	50 U	68 U	74 UU	573
MW-511	12/14/12	0.2 U	NA	NA	NA	0.008 UU	44	50 U	240	309	516
MW-511	06/27/13	NA	NA	NA	NA	NA	30 U	50 U	71 U	76 UU	571
MW-511	12/19/13	0.2 U	NA	NA	NA	0.008 UU	29 U	50 U	68 U	74 UU	573
MW-511 (Duplicate)	12/19/13	0.2 U	NA	NA	NA	0.008 UU	31 U	50 U	71 U	76 UU	570
MW-511	06/18/14	NA	NA	NA	NA	NA	29 U	50 U	67 U	73 UU	574
MW-511	12/10/14	0.3	NA	NA	NA	0.008 UU	29 U	50 U	68 U	74 UU	573
MW-511	03/25/15	NA	NA	NA	NA	NA	29 U	50 U	68 U	74 UU	573
MW-511	06/24/15	NA	NA	NA	NA	NA	28 U	50 U	66 U	72 UU	575
MW-511 (Duplicate)	06/24/15	NA	NA	NA	NA	NA	28 U	50 U	66 U	72 UU	575
MW-511	10/24/16	0.5 U	0.5 U	0.5 U	1.5 U	0.008 UU	45 U	50 U	100 U	98 UU	553
MW-511	07/27/17	0.5 U	NA	NA	NA	0.008 UU	46 U	50 U	100 U	98 UU	553
MW-512	10/23/08	1.97	0.50 U	2.96	5.23	0.008 UU	250 U	348	500 U	723	610
MW-512	12/11/08	2.5	0.50 U	2.17	3.58	0.007 UU	243 U	320	485 U	684	606
MW-512	02/25/09	1.5	NA	NA	NA	0.007 UU	390	280	78	748	582
MW-512	04/21/09	2.7	NA	NA	NA	0.007 UU	260	240	67 U	534	601
MW-512 (Duplicate)	04/21/09	3.7	NA	NA	NA	0.007 UU	220	280	66 U	533	623
MW-512	06/24/09	0.8	NA	NA	NA	0.007 UU	180	84	78	342	551
MW-512	08/19/08	1.3	NA	NA	NA	0.012 UU	220	110	66 U	363	564
MW-512	10/27/09	0.6	NA	NA	NA	0.012 UU	190	92	67 U	316	561
MW-512	01/20/10	NA	NA	NA	NA	NA	300	200	75	575	575
MW-512	04/21/10	NA	NA	NA	NA	NA	420	110	140	670	533
MW-512	07/21/10	NA	NA	NA	NA	NA	150	82	67 U	266	565
MW-512	10/28/10	0.5 U	NA	NA	NA	0.012 UU	220	93	67 U	347	556
MW-512	06/16/11	NA	NA	NA	NA	NA	200	74	67 U	308	550
MW-512 (Duplicate)	06/16/11	NA	NA	NA	NA	NA	190	79	67 U	303	554
MW-512	12/15/11	0.40	NA	NA	NA	0.007 UU	33	120	68 U	187	658
MW-512	06/29/12	NA	NA	NA	NA	NA	57	190	68 U	281	670
MW-512	12/17/12	0.3	NA	NA	NA	0.008 UU	32	120	67 U	186	660
MW-512	06/26/13	NA	NA	NA	NA	NA	29 U	62	68 U	111	633
MW-512	12/18/13	0.2 U	NA	NA	NA	0.008 UU	44	140	67 U	218	659
MW-512	06/17/14	NA	NA	NA	NA	NA	48	110	68 U	192	637
MW-512	12/11/14	0.2 U	NA	NA	NA	0.008 UU	42	50 U	68 U	101	551
MW-512	06/24/15	NA	NA	NA	NA	NA	31	58	66 U	122	608
MW-512	10/25/16	0.5 U	0.50 U	0.50 U	1.50 U	0.008 UU	62	90	100 U	202	600
MW-512	07/26/17	0.5 U	NA	NA	NA	0.008 UU	46 U	120	100 U	193	652
MW-513	10/23/08	0.702	0.50 U	0.50 U	3.81	0.008 UU	245 U	564 JZ	490 U	932	647
MW-513	12/10/08	0.793	0.50 U	0.50 U	1.21	0.007 UU	245 U	439	490 U	807	628
MW-513	02/25/09	0.5 U	NA	NA	NA	0.008 UU	330	470	72.00 U	836	634
MW-513 (Duplicate)	02/25/09	5 U	NA	NA	NA	0.008 UU	300	440	74.00 U	777	635
MW-513	04/22/09	0.5 U	NA	NA	NA	0.007 UU	290	330	66 U	653	617
MW-513	06/24/09	0.5 U	NA	NA	NA	0.007 UU	170	280	75 U	488	637
MW-513	08/20/09	0.5 U	NA	NA	NA	0.013 UU	290	280	75 U	608	604
MW-513	10/27/09	0.5 U	NA	NA	NA	0.013 UU	320	180	68 U	534	572
MW-513 (Duplicate)	10/27/09	5 U	NA	NA	NA	0.012 UU	320	240	68 U	594	589

Table 2
 Summary of Groundwater Analytical Data
 Petroleum and Polynuclear Aromatic Hydrocarbons
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date Sampled	BTEX ¹ (µg/L)				Total cPAHs Adjusted for Toxicity ² (µg/L)		Diesel ³ (µg/L)	Gasoline ⁴ (µg/L)	Heavy Oil ³ (µg/L)		TPH ⁵ (µg/L)	TPH CUL ⁶ (µg/L)				
		B	T	E	X												
		CUL=16	--	--	--	CUL=0.05	--			--	--			see note 6			
MW-513	01/20/10	NA	NA	NA	NA	NA	300	210	67	U	544	585					
MW-513	04/21/10	NA	NA	NA	NA	NA	290	160	74	U	487	570					
MW-513	07/21/10	NA	NA	NA	NA	NA	360	140	67	U	534	555					
MW-513	10/28/10	0.50	U	NA	NA	0.013	UU	270	150	74	U	457	570				
MW-513 (Duplicate)	10/28/10	0.50	U	NA	NA	0.013	UU	290	160	67	U	484	571				
MW-513	06/16/11	NA		NA	NA	NA	230	100	67	U	364	558					
MW-513	12/15/11	0.3		NA	NA	0.007	UU	38	97	67	U	169	638				
MW-513	06/29/12	NA		NA	NA	NA	62	59	75	U	159	581					
MW-513	12/17/12	0.2	U	NA	NA	0.008	UU	28	65	66	U	112	639				
MW-513	06/26/13	NA		NA	NA	NA	52	110	68	U	196	633					
MW-513	12/18/13	0.2	U	NA	NA	0.008	UU	50	120	66	U	203	642				
MW-513	06/17/14	NA		NA	NA	NA	47	72	67	U	153	608					
MW-513	12/10/14	0.5	U	NA	NA	0.008	UU	52	50	66	U	110	547				
MW-513	06/24/15	NA		NA	NA	NA	35	75	66	U	143	622					
MW-513 (Duplicate)	06/24/15	NA		NA	NA	NA	45	50	65	U	103	550					
MW-513	10/25/16	0.5	U	0.5	U	0.5	U	1.5	U	100	U	171	636				
MW-513	07/25/17	0.5	U	NA	NA	NA	0.008	UU	46	U	110	183	646				
MW-514	10/23/08	2.98		0.64	1.54	4.69	0.007	UU	253		1020	JZ	490	U	1,518	668	
MW-514	12/10/08	3.15		0.84	1.82	4.98	0.007	UU	248	U	801		495	U	1,173	672	
MW-514 (Duplicate)	12/10/08	3.40		0.82	1.89	4.95	0.008	UU	245	U	831		490	U	1,199	676	
MW-514	02/24/09	2.9		NA	NA	NA	0.008	UU	710		830		75	U	1,578	623	
MW-514	04/21/09	3.5		NA	NA	NA	0.015	UU	370		680		69	U	1,085	654	
MW-514	06/24/09	2		NA	NA	NA	0.007	UU	280		510		70	U	825	651	
MW-514	08/19/09	3.2		NA	NA	NA	0.012	UU	290		520		73	U	847	650	
MW-514 (Duplicate)	08/19/09	2.7		NA	NA	NA	0.013	UU	270		450		70	U	755	644	
MW-514	10/27/09	2.2		NA	NA	NA	0.012	UU	400		400		66	U	833	610	
MW-514	01/20/10	NA		NA	NA	NA	NA	200	340		69	U	575		575	643	
MW-514	04/21/10	NA		NA	NA	NA	NA	340	270		71	U	646		646	593	
MW-514	07/21/10	NA		NA	NA	NA	NA	420	170		67	U	624		624	557	
MW-514	10/27/10	1.5		NA	NA	NA	0.012	UU	250		290		70	U	575	617	
MW-514	06/16/11	NA		NA	NA	NA	NA	230	170		67	U	434		434	586	
MW-514	12/14/11	0.5		NA	NA	NA	0.007	UU	39		150		67	U	223	669	
MW-514	06/29/12	NA		NA	NA	NA	NA	42	97		67	U	173		173	634	
MW-514	12/17/12	0.5		NA	NA	NA	0.008	UU	29	U	84		67	U	132	657	
MW-514 (Duplicate)	12/17/12	0.7		NA	NA	NA	0.008	UU	34		92		66	U	159	639	
MW-514	06/26/13	NA		NA	NA	NA	NA	31	140		71	U	207		207	670	
MW-514	12/18/13	0.2	U	NA	NA	NA	0.008	UU	29	U	100		67	U	148	670	
MW-514	06/17/14	NA		NA	NA	NA	NA	43	76		66	U	152		152	615	
MW-514	12/11/14	0.2	U	NA	NA	NA	0.008	UU	33		50	U	69	U	93	556	
MW-514	06/24/15	NA		NA	NA	NA	NA	32	50	U	68	U	91		91	557	
MW-514 (Duplicate)	06/24/15	NA		NA	NA	NA	NA	29	50	U	69	U	74	UU	74	573	
MW-514	10/25/16	0.5	U	0.5	U	0.5	U	1.5	U	100	U	98	UU	98	UU	553	553
MW-514	07/27/17	0.5	U	NA	NA	NA	0.008	UU	47	U	50	U	110	U	104	UU	550
MW-515	10/22/08	1.86		1.35	1.00	4.47	0.007	UU	248	U	575	JZ	495	U	947	648	
MW-515 (Duplicate)	10/22/08	1.92		1.40	1.07	4.70	0.007	UU	248	U	603	JZ	495	U	975	651	
MW-515	12/10/08	0.50	U	0.50	U	0.50	U	1.00	U	100		485	U	464		464	544
MW-515	02/24/09	0.5	U	NA	NA	NA	0.008	UU	71		69		68	U	174	587	
MW-515	04/22/09	0.5	U	NA	NA	NA	0.007	UU	77		59		69	U	171	575	
MW-515	06/24/09	0.5	U	NA	NA	NA	0.007	UU	170		85		76	U	293	561	
MW-515	08/20/09	0.5	U	NA	NA	NA	0.012	UU	200		63		75	U	301	543	
MW-515 (Duplicate)	08/20/09	0.5	U	NA	NA	NA	0.013	UU	340		110		75	U	488	546	

Table 2
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 Petroleum and Polynuclear Aromatic Hydrocarbons
 Former Unocal Terminal
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 Edmonds, Washington

Monitoring Well	Date Sampled	BTEX ¹ (µg/L)				Total cPAHs Adjusted for Toxicity ² (µg/L)		Diesel ³ (µg/L)	Gasoline ⁴ (µg/L)	Heavy Oil ³ (µg/L)	TPH ⁵ (µg/L)	TPH CUL ⁶ (µg/L)			
		B	T	E	X										
		CUL=16	--	--	--	CUL=0.05	--								
MW-515	10/27/09	0.5	U	NA	NA	NA	0.012	UU	79	50	U	70	U	139	536
MW-515	01/20/10	NA		NA	NA	NA	NA		34	50	U	69	U	94	556
MW-515	04/21/10	NA		NA	NA	NA	NA		32	50	U	67	U	91	558
MW-515	07/21/10	NA		NA	NA	NA	NA		120	50	U	66	U	178	528
MW-515	10/27/10	0.5	U	NA	NA	NA	0.012	UU	52	50	U	67	U	111	546
MW-515	06/16/11	NA		NA	NA	NA	NA		200	50	U	67	U	259	519
MW-515	12/14/11	0.2	U	NA	NA	NA	0.008		28	50	U	66	U	72	UU
MW-515	06/29/12	NA		NA	NA	NA	NA		29	50	U	67	U	73	UU
MW-515	12/17/12	0.2	U	NA	NA	NA	0.008	UU	29	50	U	67	U	73	UU
MW-515	06/27/13	NA		NA	NA	NA	NA		29	50	U	67	U	73	UU
MW-515	12/18/13	0.2	U	NA	NA	NA	0.008	UU	30	50	U	70	U	75	UU
MW-515	06/19/14	NA		NA	NA	NA	NA		29	50	U	67	U	73	UU
MW-515	12/11/14	0.2	U	NA	NA	NA	0.008	UU	29	50	U	67	U	73	UU
MW-515	06/25/15	NA		NA	NA	NA	NA		28	50	U	66	U	72	UU
MW-515	10/25/16	0.5	U	0.5	U	0.5	0.008	UU	47	50	U	100	U	99	UU
MW-515	07/25/17	0.5	U	NA	NA	NA	0.008	UU	45	50	U	100	U	98	UU
MW-516	10/22/08	0.779		0.711	U	0.50	0.007	UU	248	429	JZ	495	U	801	626
MW-516	12/10/08	0.50	U	0.50	U	0.50	0.007	UU	243	114		485	U	478	549
MW-516	02/24/09	0.5	U	NA		NA	0.008	UU	30	50	U	70	U	75	UU
MW-516	04/22/09	0.5	U	NA		NA	0.008	UU	31	50	U	73	U	77	UU
MW-516	06/24/09	0.5	U	NA		NA	0.007	UU	210	50	U	69	U	270	518
MW-516	08/20/09	0.5	U	NA		NA	0.013	UU	260	50	U	75	U	323	515
MW-516	10/27/09	0.5	U	NA		NA	0.012	UU	140	50	U	67	U	199	525
MW-516	01/20/10	NA		NA		NA	NA		29	50	U	67	U	73	UU
MW-516	04/21/10	NA		NA		NA	NA		30	50	U	70	U	75	UU
MW-516	07/21/10	NA		NA		NA	NA		150	50	U	67	U	209	524
MW-516	10/27/10	0.50	U	NA		NA	0.012	UU	49	50	U	67	U	108	548
MW-516 (Duplicate)	10/27/10	0.5	U	NA		NA	0.012	UU	40	50	U	66	U	98	553
MW-516	06/16/11	NA		NA		NA	NA		170	50	U	67	U	229	521
MW-516	12/14/11	0.2	U	NA		NA	0.007	UU	29	50	U	69	U	74	UU
MW-516	06/29/12	NA		NA		NA	NA		28	50	U	66	U	72	UU
MW-516	12/17/12	0.2	U	NA		NA	0.008	UU	29	50	U	67	U	73	UU
MW-516	06/27/13	NA		NA		NA	NA		30	50	U	69	U	75	UU
MW-516	12/18/13	0.2	U	NA		NA	0.008	UU	31	50	U	72	U	77	UU
MW-516	06/19/14	NA		NA		NA	NA		28	50	U	66	U	72	UU
MW-516 (Duplicate)	06/19/14	NA		NA		NA	NA		29	50	U	67	U	73	UU
MW-516	12/11/14	0.2	U	NA		NA	0.008		29	50	U	67	U	73	UU
MW-516	06/25/15	NA		NA		NA	NA		28	50	U	66	U	72	UU
MW-516	10/25/16	0.5	U	0.5	U	0.5	0.008	UU	47	50	U	100	U	99	UU
MW-516	07/25/17	0.5	U	NA	NA	NA	0.008	UU	45	50	U	100	U	98	UU
MW-516 (Duplicate)	07/25/17	0.5	U	NA	NA	NA	0.008	UU	46	50	U	100	U	98	UU
MW-517	10/22/08	1.24		0.50	U	0.884	0.008	UU	248	275	JZ	495	U	647	595
MW-517	12/10/08	0.50	U	0.50	U	0.50	0.007	UU	240	130		481	U	491	555
MW-517	02/24/09	0.5	U	NA		NA	0.008	UU	50	50	U	72	U	111	546
MW-517	04/22/09	0.5	U	NA		NA	0.008	UU	100	50	U	71	U	161	531
MW-517	06/24/09	0.5	U	NA		NA	0.007	UU	460	50	U	86		571	508
MW-517	08/20/09	0.5	U	NA		NA	0.012	UU	230	120		69	U	385	566
MW-517	10/27/09	0.5	U	NA		NA	0.012	UU	160	54		73	U	251	544
MW-517	01/20/10	NA		NA		NA	NA		40	50	U	69	U	100	552
MW-517	04/21/10	NA		NA		NA	NA		75	50	U	67	U	134	538
MW-517 (Duplicate)	04/21/10	NA		NA		NA	NA		94	50	U	70	U	154	532
MW-517	07/20/10	NA		NA		NA	NA		200	50	U	66	U	258	519

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Monitoring Well	Date Sampled	BTEX ¹ (µg/L)								Total cPAHs Adjusted for Toxicity ² (µg/L)		Diesel ³ (µg/L)	Gasoline ⁴ (µg/L)	Heavy Oil ³ (µg/L)	TPH ⁵ (µg/L)	TPH CUL ⁶ (µg/L)		
		B		T		E		X										
		CUL=16																
MW-517	10/27/10	0.5	U	NA		NA		NA		0.012	UU	77	50	U	72	U	138	536
MW-517	06/16/11	NA		NA		NA		NA		NA		89	50	U	67	U	148	534
MW-517	12/14/11	0.2	U	NA		NA		NA		0.007	UU	28	50	U	66	U	72	UU
MW-517	06/29/12	NA		NA		NA		NA		NA		28	50	U	66	U	72	UU
MW-517	12/17/12	0.2	U	NA		NA		NA		0.008	UU	29	50	U	67	U	73	UU
MW-517	06/27/13	NA		NA		NA		NA		NA		29	50	U	67	U	73	UU
MW-517	12/18/13	0.2	U	NA		NA		NA		0.008	UU	30	50	U	70	U	75	UU
MW-517	06/19/14	NA		NA		NA		NA		NA		28	50	U	66	U	72	UU
MW-517	12/11/14	0.2	U	NA		NA		NA		0.008		29	50	U	67	U	73	UU
MW-517	06/25/15	NA		NA		NA		NA		NA		29	50	U	67	U	73	UU
MW-517	10/25/16	0.5	U	0.5	U	0.5	U	1.5	U	0.008	UU	49	50	U	110	U	105	UU
MW-517	07/25/17	0.5	U	NA		NA		NA		0.008	UU	46	61	U	100	U	134	603
MW-518*	10/22/08	0.503		0.50	U	0.50	U	1.92		0.008	UU	248	770	JZ	495	U	1,142	669
MW-518*	12/10/08	0.50	U	0.50	U	0.50	U	2.12		0.007	UU	245	796	JZ	490	U	1,164	673
MW-518*	02/25/09	0.5	U	NA		NA		NA		0.007	UU	450	880		73		1,403	654
MW-518*	04/22/09	0.5	U	NA		NA		NA		0.007	UU	480	650		72		1,202	627
MW-518*	06/25/09	0.5	U	NA		NA		NA		0.007	UU	200	440	U	70	U	675	662
MW-518*	08/20/09	0.5	U	NA		NA		NA		0.013	UU	300	730	U	71	U	1,066	673
MW-518*	10/30/09	0.5	U	NA		NA		NA		0.013	UU	310	660	U	74	U	1,007	663
MW-518*	01/20/10	NA		NA		NA		NA		NA		230	660	U	67	U	924	683
MW-518*	04/21/10	NA		NA		NA		NA		NA		240	630	U	75	U	908	676
MW-518*	07/21/10	NA		NA		NA		NA		NA		310	350	U	73	U	697	616
MW-518* (Duplicate)	07/21/10	NA		NA		NA		NA		NA		400	270	U	78	U	709	583
MW-518*	10/28/10	0.5	U	NA		NA		NA		0.012	UU	290	600	U	67	U	924	661
MW-518*	03/23/11	NA		NA		NA		NA		NA		390	330	U	68	U	754	598
MW-518*	06/16/11	NA		NA		NA		NA		NA		200	140	U	67	U	374	582
MW-518*	09/27/11	NA		NA		NA		NA		NA		66	230	U	68	U	330	677
MW-518*	12/14/11	0.2	U	NA		NA		NA		0.007	UU	40	440	U	67	U	514	737
MW-518*	03/28/12	NA		NA		NA		NA		NA	U	28	50	U	66	U	72	UU
MW-518*	06/29/12	NA		NA		NA		NA		NA	U	29	93	U	69	U	142	663
MW-518*	09/27/12	NA		NA		NA		NA		NA		59	240	U	68	U	333	685
MW-518*	12/17/12	0.2	U	NA		NA		NA		0.008	UU	29	180	U	69	U	229	709
MW-518*	03/27/13	NA		NA		NA		NA		NA		48	510	U	66	U	591	739
MW-518*	06/27/13	NA		NA		NA		NA		NA	U	29	50	U	67	U	73	UU
MW-518*	09/25/13	NA		NA		NA		NA		NA	U	79	50	U	69	U	99	UU
MW-518*	12/19/13	0.2	U	NA		NA		NA		0.008	UU	78	860	U	71	U	974	748
MW-518*	03/28/14	NA		NA		NA		NA		NA	U	29	110	U	68	U	159	676
MW-518*	06/18/14	NA		NA		NA		NA		NA	U	28	63	U	66	U	110	637
MW-518* (Duplicate)	06/18/14	NA		NA		NA		NA		NA	U	28	62	U	66	U	109	636
MW-518*	10/01/14	NA		NA		NA		NA		NA		68	260	U	72	U	364	683
MW-518*	12/11/14	0.2	U	NA		NA		NA		0.008		43	290	U	66	U	366	711
MW-518*	03/25/15	NA		NA		NA		NA		NA		39	390	U	67	U	463	731
MW-518*	06/25/15	NA		NA		NA		NA		NA		59	600	U	66	U	692	741
MW-518*	10/25/16	0.5	U	0.5	U	0.5	U	1.5	U	0.008	UU	46	990	U	100	U	1,063	768
MW-518*	07/25/17	0.5	U	NA		NA		NA		0.008	UU	46	190	U	100	U	263	686
MW-519	10/22/08	0.5	U	0.5	U	0.5	U	1.00	U	0.008	UU	248	80	U	495	U	451	536
MW-519 (Duplicate)	10/22/08	5	U	5	U	5	U	1.00	U	0.007	UU	248	84	U	495	U	455	537
MW-519	12/09/08	0.50	U	0.50	U	0.50	U	1.00	U	0.007	UU	250	64.1	U	500	U	439	529
MW-519	02/24/09	0.5	U	NA		NA		NA		0.008	UU	83	50	U	71	U	144	535
MW-519	04/21/09	0.5	U	NA		NA		NA		0.008	UU	150	50	U	74	U	212	523
MW-519	06/24/09	0.5	U	NA		NA		NA		0.007	UU	220	50	U	70	U	280	517

Table 2
 Summary of Groundwater Analytical Data
 Petroleum and Polynuclear Aromatic Hydrocarbons
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date Sampled	BTEX ¹ (µg/L)				Total cPAHs Adjusted for Toxicity ² (µg/L)		Diesel ³ (µg/L)	Gasoline ⁴ (µg/L)	Heavy Oil ³ (µg/L)	TPH ⁵ (µg/L)	TPH CUL ⁶ (µg/L)						
		B	T	E	X													
		CUL=16	--	--	--	CUL=0.05	--	--	--	see note 6								
MW-519	08/18/09	0.5	U	NA	NA	NA	0.013	UU	290	50	U	75	U	353	UU	514		
MW-519 (Duplicate)	08/18/09	0.5	U	NA	NA	NA	0.119	UU	250	50	U	72	U	311	UU	516		
MW-519	10/27/09	0.5	U	NA	NA	NA	0.013	UU	58	50	U	66	U	116	UU	544		
MW-519	01/19/10	NA		NA	NA	NA	NA		170	50	U	67	U	229	UU	521		
MW-519	04/21/10	NA		NA	NA	NA	NA		82	50	U	71	U	143	UU	535		
MW-519	07/20/10	NA		NA	NA	NA	NA		290	50	U	67	U	349	UU	514		
MW-519	10/26/10	0.50	U	NA	NA	NA	0.012	UU	43	50	U	73	U	105	UU	549		
MW-519	10/26/10	0.50	U	NA	NA	NA	0.012	UU	54	50	U	79	U	119	UU	543		
MW-519	06/15/11	NA		NA	NA	NA	NA		260	50	U	68	U	319	UU	515		
MW-519	12/14/11	0.2	U	NA	NA	NA	0.008	UU	29	U	50	U	67	U	73	UU	574	
MW-519	06/28/12	NA		NA	NA	NA	NA		30	U	50	U	71	U	76	UU	571	
MW-519	12/17/12	0.2	U	NA	NA	NA	0.008	UU	28	U	50	U	66	U	72	UU	575	
MW-519	06/25/13	NA		NA	NA	NA	NA		29	U	50	U	68	U	74	UU	573	
MW-519	12/17/13	0.2	U	NA	NA	NA	0.008	UU	28	U	50	U	66	U	72	UU	575	
MW-519	06/18/14	NA		NA	NA	NA	NA		29	U	50	U	67	U	73	UU	574	
MW-519	12/10/14	0.2	U	NA	NA	NA	0.008	UU	28	U	50	U	65	U	72	UU	575	
MW-519	06/24/15	NA		NA	NA	NA	NA		29	U	50	U	67	U	73	UU	574	
MW-519	10/24/16	0.5	U	0.5	U	0.5	U	1.5	U	47	U	50	U	110	UU	550		
MW-519	07/25/17	0.5	U	NA	NA	NA	0.008	UU	45	U	50	U	100	UU	98	UU	553	
MW-520	10/21/08	1.45		0.50	U	0.50	U	1.00	U	0.008	UU	250	U	356	U	500	U	731
MW-520	12/09/08	3.77		0.50	U	0.50	U	1.00	U	0.008	UU	243	U	125	U	485	U	489
MW-520	02/23/09	1.6		NA		NA		NA		0.008	UU	160		110		76	U	308
MW-520	04/22/09	7.6		NA		NA		NA		0.007	UU	110		50	U	66	U	168
MW-520 (Duplicate)	04/22/09	7.3		NA		NA		NA		0.007	UU	110		50	U	67	U	169
MW-520	06/24/09	0.5		NA		NA		NA		0.007	UU	180		50	U	69	U	240
MW-520	08/18/09	0.5	U	NA		NA		NA		0.012	UU	140		50	U	72	U	201
MW-520	10/27/09	0.5	U	NA		NA		NA		0.012	UU	130		50	U	73	U	192
MW-520	01/19/10	NA		NA		NA		NA		NA		30	U	50	U	70	U	75
MW-520	04/20/10	NA		NA		NA		NA		NA		52		50	U	68	U	111
MW-520	07/20/10	NA		NA		NA		NA		NA		320		50	U	67	U	379
MW-520	10/27/10	0.5	U	NA		NA		NA		0.012	UU	110		50	U	66	U	168
MW-520	06/15/11	NA		NA		NA		NA		NA		120		50	U	67	U	179
MW-520	12/14/11	0.2	U	NA		NA		NA		0.007	UU	29	U	50	U	67	U	73
MW-520	06/28/12	NA		NA		NA		NA		NA		29	U	50	U	67	U	73
MW-520	12/14/12	0.2	U	NA		NA		NA		0.008	UU	28		50	U	110		163
MW-520	06/25/13	NA		NA		NA		NA		NA		29	U	62		67	U	110
MW-520 (Duplicate)	06/25/13	NA		NA		NA		NA		NA		30	U	50	U	70	U	75
MW-520	12/17/13	0.2	U	NA		NA		NA		0.008	UU	30	U	50	U	70	U	75
MW-520	06/18/14	NA		NA		NA		NA		NA		29	U	50	U	67	U	73
MW-520	12/10/14	0.2	U	NA		NA		NA		0.008	UU	28	U	50	U	66	U	72
MW-520	06/24/15	NA		NA		NA		NA		NA		28	U	50	U	65	U	72
MW-520	10/24/16	0.5	U	0.5	U	0.5	U	1.5	U	0.008	UU	47	U	50	U	100	UU	99
MW-520	07/25/17	0.5	U	NA	NA	NA	0.008	UU	46	U	50	U	100	UU	98	UU	553	
MW-521	10/21/08	0.50	U	0.50	U	0.50	U	1.00	U	0.007	UU	245	U	57.9		490	U	425
MW-521	12/09/08	0.50	U	0.50	U	0.50	U	1.00	U	0.008	UU	250	U	98.4		500	U	473
MW-521	02/23/09	1.7		NA		NA		NA		0.008	UU	90		50	U	78	U	154
MW-521	04/21/09	0.5	U	NA		NA		NA		0.008	UU	31	U	50	U	73	U	77
MW-521	06/23/09	0.5	U	NA		NA		NA		0.008	UU	47		50	U	71	U	108
MW-521	08/19/09	0.5	U	NA		NA		NA		0.012	UU	45		50	U	71	U	106
MW-521	10/26/09	0.5	U	NA		NA		NA		0.012	UU	120		50	U	69	U	180
MW-521 (Duplicate)	10/26/09	0.5	U	NA		NA		NA		0.012	UU	78		50	U	74	U	140

Table 2
 Summary of Groundwater Analytical Data
 Petroleum and Polynuclear Aromatic Hydrocarbons
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date Sampled	BTEX ¹ (µg/L)								Total cPAHs Adjusted for Toxicity ² (µg/L)		Diesel ³ (µg/L)		Gasoline ⁴ (µg/L)		Heavy Oil ³ (µg/L)		TPH ⁵ (µg/L)		TPH CUL ⁶ (µg/L)
		B		T		E		X												
		CUL=16		--		--		--		CUL=0.05		--		--		--		see note 6		
MW-521	01/19/10	NA		NA		NA		NA		NA		30	U	50	U	70	U	75	UU	571
MW-521	04/20/10	NA		NA		NA		NA		NA		31	U	50	U	73	U	77	UU	569
MW-521	07/20/10	NA		NA		NA		NA		NA		70		50	U	67	U	129		539
MW-521	10/27/10	0.5	U	NA		NA		NA		0.013	UU	77		50	U	72	U	138		536
MW-521	06/15/11	NA		NA		NA		NA		NA		47		50	U	67	U	106		549
MW-521	12/14/11	0.2	U	NA		NA		NA		0.007	UU	29	U	50	U	67	U	73	UU	574
MW-521	06/28/12	NA		NA		NA		NA		NA		28	U	50	U	66	U	72	UU	575
MW-521	12/17/12	0.2	U	NA		NA		NA		0.008	UU	28	U	50	U	66	U	72	UU	575
MW-521	06/25/13	NA		NA		NA		NA		NA		29	U	50	U	69	U	74	UU	573
MW-521	12/17/13	0.2	U	NA		NA		NA		0.008	UU	29	U	50	U	67	U	73	UU	574
MW-521	06/18/14	NA		NA		NA		NA		NA		28	U	50	U	66	U	72	UU	575
MW-521	12/10/14	0.3		NA		NA		NA		0.008	UU	28	U	50	U	66	U	72	UU	575
MW-521	06/24/15	NA		NA		NA		NA		NA		29	U	50	U	68	U	74	UU	573
MW-521	10/24/16	0.5	U	0.5	U	0.5	U	1.5	U	0.008	UU	48	U	50	U	110	U	104	UU	550
MW-521	07/25/17	0.5	U	NA		NA		NA		0.008	UU	45	U	50	U	100	U	98	UU	553
MW-522*	10/21/08	1.46		0.50	U	0.50	U	1.41		0.036	UU	250	U	534	JZ	500	U	909		641
MW-522*	12/09/08	0.782		0.5	U	0.5	U	1.00	U	0.007	UU	245	U	183		490	U	551		571
MW-522* (Duplicate)	12/09/08	0.805		5	U	5	U	1.00	U	0.008	UU	245	U	186		490	U	554		572
MW-522*	02/23/09	0.5	U	NA		NA		NA		0.007	UU	490		160		71	U	686		548
MW-522*	04/21/09	0.5	U	NA		NA		NA		0.008	UU	620		62		97		779		515
MW-522*	06/23/09	0.5	U	NA		NA		NA		0.007	UU	330		100		67	U	464		544
MW-522*	08/18/09	0.5		NA		NA		NA		0.012	UU	300		94		67	U	428		545
MW-522*	10/26/09	0.5		NA		NA		NA		0.012	UU	650		50	U	280		955		505
MW-522*	01/19/10	NA		NA		NA		NA		NA		39		50	U	66	U	97		553
MW-522*	04/20/10	NA		NA		NA		NA		NA		220		50	U	81	U	286		517
MW-522*	07/20/10	NA		NA		NA		NA		NA		470		50	U	76	U	533		509
MW-522*	10/26/10	0.5	U	NA		NA		NA		0.012	UU	260		50	U	66	U	318		515
MW-522*	03/22/11	NA		NA		NA		NA		NA		150		50	U	66	U	208		524
MW-522*	06/15/11	NA		NA		NA		NA		NA		380		50	U	72	U	441		511
MW-522*	09/27/11	NA		NA		NA		NA		NA		29		50	U	67	U	88		560
MW-522* (Duplicate)	09/27/11	NA		NA		NA		NA		NA		42		50	U	66	U	100		552
MW-522*	12/14/11	0.2	U	NA		NA		NA		0.007	UU	29	U	50	U	67	U	73	UU	574
MW-522*	03/28/12	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-522*	06/28/12	NA		NA		NA		NA		NA		28	U	50	U	66	U	72	UU	575
MW-522*	09/26/12	NA		NA		NA		NA		NA		29	U	50	U	68	U	74	UU	573
MW-522*	12/14/12	0.2	U	NA		NA		NA		0.008	UU	41		50	U	140		206		524
MW-522*	03/26/13	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-522* (Duplicate)	03/26/13	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-522*	06/25/13	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-522*	09/25/13	NA		NA		NA		NA		NA		36	U	50	U	70	U	78	UU	568
MW-522*	12/17/13	0.2	U	NA		NA		NA		0.008	UU	31	U	50	U	72	U	77	UU	570
MW-522*	03/26/14	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-522*	06/18/14	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-522*	10/01/14	NA		NA		NA		NA		NA		30	U	50	U	71	U	76	UU	571
MW-522* (Duplicate)	10/01/14	NA		NA		NA		NA		NA		30	U	50	U	70	U	75	UU	571
MW-522*	12/10/14	0.3		NA		NA		NA		0.008	UU	28	U	50	U	66	U	72	UU	575
MW-522*	03/26/15	NA		NA		NA		NA		NA		30	U	50	U	69	U	75	UU	572
MW-522* (Duplicate)	03/26/15	NA		NA		NA		NA		NA		29	U	50	U	69	U	74	UU	573
MW-522*	06/24/15	NA		NA		NA		NA		NA		28	U	50	U	66	U	72	UU	575
MW-522*	10/24/16	0.5	U	0.5	U	0.5	U	1.5	U	0.008	UU	47	U	50	U	100	U	99	UU	553
MW-522*	07/25/17	0.5	U	NA		NA		NA		0.008	UU	80		50	U	700		805		506

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Table 2
 Summary of Groundwater Analytical Data
 Petroleum and Polynuclear Aromatic Hydrocarbons
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date Sampled	BTEX ¹ (µg/L)								Total cPAHs Adjusted for Toxicity ² (µg/L)		Diesel ³ (µg/L)	Gasoline ⁴ (µg/L)	Heavy Oil ³ (µg/L)	TPH ⁵ (µg/L)	TPH CUL ⁶ (µg/L)				
		B	T	E	X															
		CUL=16		--	--	--	--			CUL=0.05	--	--	--	see note 6						
MW-523*	10/21/08	0.50	U	0.50	U	0.50	U	1.00	U	0.007	UU	245	U	63	U	490	U	431		529
MW-523*	12/09/08	0.50	U	0.50	U	0.50	U	1.00	U	0.008	UU	248	U	50	U	495	U	397	UU	512
MW-523*	02/23/09	0.5	U	NA		NA		NA		0.007	UU	32	U	50	U	68	U	91		557
MW-523*	04/21/09	0.5	U	NA		NA		NA		0.007	UU	30	U	50	U	69	U	75	UU	572
MW-523*	06/23/09	0.5	U	NA		NA		NA		0.007	UU	39	U	50	U	68	U	98		553
MW-523* (Duplicate)	06/23/09	0.5	U	NA		NA		NA		0.008	UU	78	U	50	U	68	U	137		537
MW-523*	08/18/09	0.5	U	NA		NA		NA		0.012	UU	140	U	50	U	66	U	198		525
MW-523*	10/26/09	0.5	U	NA		NA		NA		0.012	UU	120	U	50	U	66	U	178		528
MW-523*	01/19/10	NA		NA		NA		NA		NA		32	U	50	U	69	U	92		557
MW-523*	04/20/10	NA		NA		NA		NA		NA		35	U	50	U	83	U	84	UU	563
MW-523*	07/20/10	NA		NA		NA		NA		NA		61	U	50	U	80	U	126		540
MW-523*	10/26/10	0.5	U	NA		NA		NA		0.013	UU	160	U	50	U	74	U	222		522
MW-523*	03/22/11	NA		NA		NA		NA		NA		28	U	50	U	66	U	72	UU	575
MW-523*	06/15/11	NA		NA		NA		NA		NA		73	U	50	U	67	U	132		538
MW-523*	09/27/11	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-523*	12/13/11	0.2	U	NA		NA		NA		0.007	UU	28	U	50	U	66	U	72	UU	575
MW-523*	03/28/12	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-523*	06/28/12	NA		NA		NA		NA		NA		28	U	50	U	66	U	72	UU	575
MW-523*	09/26/12	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-523* (Duplicate)	09/26/12	NA		NA		NA		NA		NA		31	U	50	U	71	U	76	UU	570
MW-523*	12/14/12	0.2	U	NA		NA		NA		0.008	UU	30	U	50	U	71	U	76	UU	571
MW-523*	03/26/13	NA		NA		NA		NA		NA		29	U	50	U	69	U	74	UU	573
MW-523*	06/25/13	NA		NA		NA		NA		NA		29	U	50	U	68	U	74	UU	573
MW-523*	09/25/13	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-523*	12/17/13	0.2	U	NA		NA		NA		0.008	UU	30	U	50	U	160		200		525
MW-523*	03/27/14	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-523* (Duplicate)	03/27/14	NA		NA		NA		NA		NA		30	U	50	U	70	U	75	UU	571
MW-523*	06/18/14	NA		NA		NA		NA		NA		29	U	50	U	68	U	74	UU	573
MW-523*	09/30/14	NA		NA		NA		NA		NA		30	U	50	U	69	U	75	UU	572
MW-523*	12/10/14	0.3		NA		NA		NA		0.008	UU	30	U	50	U	69	U	75	UU	572
MW-523*	03/25/15	NA		NA		NA		NA		NA		29	U	50	U	68	U	74	UU	573
MW-523*	06/23/15	NA		NA		NA		NA		NA		28	U	50	U	66	U	72	UU	575
MW-524*	10/21/08	0.50	U	0.50	U	0.50	U	1.00	U	0.007	UU	240	U	50	U	481	U	386	UU	512
MW-524*	12/09/08	0.50	U	0.50	U	0.50	U	1.00	U	0.007	UU	243	U	50	U	485	U	389	UU	512
MW-524*	02/23/09	0.5	U	NA		NA		NA		0.008	UU	32	U	50	U	74	U	78	UU	568
MW-524*	04/21/09	0.5	U	NA		NA		NA		0.007	UU	29	U	50	U	67	U	73	UU	574
MW-524*	06/23/09	0.5	U	NA		NA		NA		0.007	UU	29	U	50	U	67	U	73	UU	574
MW-524*	08/18/09	0.5	U	NA		NA		NA		0.012	UU	29	U	50	U	67	U	73	UU	574
MW-524*	10/26/09	0.5	U	NA		NA		NA		0.012	UU	270	U	50	U	150		445		511
MW-524*	01/19/10	NA		NA		NA		NA		NA		30	U	50	U	71	U	76	UU	571
MW-524*	04/20/10	NA		NA		NA		NA		NA		28	U	50	U	66	U	72	UU	575
MW-524*	07/20/10	NA		NA		NA		NA		NA		32	U	50	U	75	U	79	UU	568
MW-524*	10/26/10	0.5	U	NA		NA		NA		0.012	UU	28	U	50	U	66	U	72	UU	575
MW-524*	03/22/11	NA		NA		NA		NA		NA		28	U	50	U	66	U	72	UU	575
MW-524*	06/17/11	NA		NA		NA		NA		NA		36	U	50	U	67	U	95		555
MW-524*	09/27/11	NA		NA		NA		NA		NA		29	U	50	U	67.0	U	73	UU	574
MW-524*	12/13/11	0.2	U	NA		NA		NA		0.007	UU	29	U	50	U	68	U	74	UU	573
MW-524*	03/28/12	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-524*	06/28/12	NA		NA		NA		NA		NA		30	U	50	U	70	U	75	UU	571
MW-524*	09/26/12	NA		NA		NA		NA		NA		29	U	50	U	67	U	73	UU	574
MW-524*	12/14/12	0.2	U	NA		NA		NA		0.008	UU	28	U	50	U	66	U	72	UU	575
MW-524* (Duplicate)	12/14/12	0.2	U	NA		NA		NA		0.008	UU	29	U	50	U	67	U	73	UU	574

Table 2
 Summary of Groundwater Analytical Data
 Petroleum and Polynuclear Aromatic Hydrocarbons
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date Sampled	BTEX ¹ (µg/L)				Total cPAHs Adjusted for Toxicity ² (µg/L)	Diesel ³ (µg/L)	Gasoline ⁴ (µg/L)	Heavy Oil ³ (µg/L)	TPH ⁵ (µg/L)	TPH CUL ⁶ (µg/L)
		B	T	E	X						
		CUL=16	--	--	--	CUL=0.05	--	--	--	see note 6	
MW-524*	03/26/13	NA	NA	NA	NA	NA	32 U	50 U	74 U	78 UU	568
MW-524*	06/25/13	NA	NA	NA	NA	NA	29 U	50 U	68 U	74 UU	573
MW-524*	09/24/13	NA	NA	NA	NA	NA	28 U	50 U	66 U	72 UU	575
MW-524*	06/25/13	NA	NA	NA	NA	NA	29 U	50 U	68 U	74 UU	573
MW-524*	12/17/13	0.2 U	NA	NA	NA	0.008 UU	28 U	50 U	66 U	72 UU	575
MW-524*	03/28/14	NA	NA	NA	NA	NA	29 U	50 U	67 U	73 UU	574
MW-524*	06/18/14	NA	NA	NA	NA	NA	29 U	50 U	67 U	73 UU	574
MW-524*	09/30/14	NA	NA	NA	NA	NA	30 U	50 U	69 U	75 UU	572
MW-524*	12/09/14	0.2 U	NA	NA	NA	0.008 UU	31 U	50 U	71 U	76 UU	570
MW-524*	03/25/15	NA	NA	NA	NA	NA	29 U	50 U	68 U	74 UU	573
MW-524*	06/23/15	NA	NA	NA	NA	NA	28 U	50 U	66 U	72 UU	575
MW-525	06/29/12	NA	NA	NA	NA	NA	330	13,000	66 U	13,363	787
MW-525 (Duplicate)	06/29/12	NA	NA	NA	NA	NA	360	11,000	68 U	11,394	784
MW-525	12/14/12	5,900	NA	NA	NA	0.012	380	23,000	72 U	23,416	792
MW-525	06/26/13	980	NA	NA	NA	NA	150	5,800	68 U	5,984	786
MW-525 (Duplicate)	06/26/13	NA	NA	NA	NA	NA	130	5,400	68 U	5,564	786
MW-525	12/17/13	990	NA	NA	NA	0.008 UU	140	4,000	69 U	4,175	780
MW-525	06/17/14	NA	NA	NA	NA	NA	180	7,800	67 U	8,014	787
MW-525	12/09/14	6,200	NA	NA	NA	0.008 UU	720	28,000	66 U	28,753	788
MW-525	06/23/15	NA	NA	NA	NA	NA	230	2,700	66 U	2,963	760
MW-525	10/26/16	350	2.0	140	86	0.008 UU	150	3,900	100 U	4,100	777
MW-525 (Duplicate)	10/26/16	360	1.9	140	85	0.008 UU	140	3,300	100 U	3,490	775
MW-525	07/26/17	1,200	NA	NA	NA	0.008 UU	130	4,700	110 U	4,885	782
MW-526	06/29/12	NA	NA	NA	NA	NA	82	450	67 U	566	713
MW-526	12/14/12	2.0	NA	NA	NA	0.008 UU	32	980	66 U	1,045	771
MW-526	06/26/13	2.0	NA	NA	NA	NA	82	1100	67 U	1,216	757
MW-526	12/18/13	1.6	NA	NA	NA	0.090	93	850	68 U	977	742
MW-526	06/17/14	NA	NA	NA	NA	NA	150	780	67 U	964	718
MW-526	12/10/14	1.5	NA	NA	NA	0.008 UU	64	350	66 U	447	708
MW-526	06/23/15	NA	NA	NA	NA	NA	140	750	66 U	923	719
MW-526 (Duplicate)	06/23/15	NA	NA	NA	NA	NA	100	790	66 U	923	736
MW-526	10/24/16	0.5 U	0.5 U	0.5 U	20	0.008 UU	47 U	1000	100 U	1,074	768
MW-526 (Duplicate)	10/24/16	0.5 U	0.5 U	0.5 U	18	0.008 UU	45 U	960	100 U	1,033	768
MW-526	07/26/17	1.5	NA	NA	NA	0.008 UU	120	1600	100 U	1,770	756
MW-527	07/02/12	NA	NA	NA	NA	NA	30 U	50 U	71 U	76 UU	571
MW-527	12/19/12	0.2 U	NA	NA	NA	0.008 UU	28 U	50 U	66 U	72 UU	575
MW-527	06/28/13	NA	NA	NA	NA	NA	29 U	50 U	67 U	73 UU	574
MW-527 (Duplicate)	06/28/13	NA	NA	NA	NA	NA	29 U	50 U	67 U	73 UU	574
MW-527	12/20/13	0.2 U	NA	NA	NA	0.008 UU	29 U	50 U	67 U	73 UU	574
MW-527	06/19/14	NA	NA	NA	NA	NA	29 U	50 U	67 U	73 UU	574
MW-527	12/12/14	0.2 U	NA	NA	NA	0.008 UU	29 U	50 U	67 U	73 UU	574
MW-527 (Duplicate)	12/12/14	0.2 U	NA	NA	NA	0.008 UU	28 U	50 U	66 U	72 UU	575
MW-527	06/28/15	NA	NA	NA	NA	NA	28 U	50 U	65 U	72 UU	575
MW-528	07/02/12	NA	NA	NA	NA	NA	29 U	50 U	67 U	73 UU	574
MW-528	12/19/12	0.2 U	NA	NA	NA	0.008 UU	29 U	50 U	68 U	74 UU	573
MW-528 (Duplicate)	12/19/12	0.2 U	NA	NA	NA	0.008 UU	29 U	50 U	68 U	74 UU	573
MW-528	06/28/13	NA	NA	NA	NA	NA	29 U	50 U	69 U	74 UU	573
MW-528	12/20/13	0.2 U	NA	NA	NA	0.008 UU	29 U	50 U	68 U	74 UU	573
MW-528	06/19/14	NA	NA	NA	NA	NA	29 U	50 U	67 U	73 UU	574
MW-528	12/12/14	0.2 U	NA	NA	NA	0.008 UU	29 U	50 U	67 U	73 UU	574
MW-528 (Duplicate)	12/12/14	0.2 U	NA	NA	NA	0.008 UU	28 U	50 U	66 U	72 UU	575
MW-528	06/26/15	NA	NA	NA	NA	NA	28 U	50 U	66 U	72 UU	575

Table 2
 Summary of Groundwater Analytical Data
 Petroleum and Polynuclear Aromatic Hydrocarbons
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date Sampled	BTEX ¹ (µg/L)				Total cPAHs Adjusted for Toxicity ² (µg/L)	Diesel ³ (µg/L)	Gasoline ⁴ (µg/L)	Heavy Oil ³ (µg/L)	TPH ⁵ (µg/L)	TPH CUL ⁶ (µg/L)
		B	T	E	X						
		CUL=16	--	--	--	CUL=0.05	--	--	--	see note 6	
MW-529*	07/02/12	NA	NA	NA	NA	NA	29 U	50 U	67 U	73 UU	574
MW-529*	09/27/12	NA	NA	NA	NA	NA	32 U	50 U	74 U	78 UU	568
MW-529*	12/17/12	0.2 U	NA	NA	NA	0.008 UU	29 U	50 U	68 U	74 UU	573
MW-529*	03/26/13	NA	NA	NA	NA	NA	31 U	50 U	71 U	76 UU	570
MW-529*	06/26/13	NA	NA	NA	NA	NA	30 U	50 U	69 U	75 UU	572
MW-529*	09/24/13	NA	NA	NA	NA	NA	31 U	50 U	73 U	77 UU	569
MW-529*	12/18/13	0.2 U	NA	NA	NA	0.008 UU	29 U	50 U	69 U	74 UU	573
MW-529*	03/27/14	NA	NA	NA	NA	NA	29 U	50 U	67 U	73 UU	574
MW-529*	06/17/14	NA	NA	NA	NA	NA	28 U	50 U	66 U	72 UU	575
MW-529*	09/30/14	NA	NA	NA	NA	NA	29 U	50 U	68 U	74 UU	573
MW-529*	12/09/14	0.2 U	NA	NA	NA	0.008 UU	28 U	50 U	66 U	72 UU	575
MW-529*	03/25/15	NA	NA	NA	NA	NA	30 U	50 U	69 U	75 UU	572
MW-529*	06/23/15	NA	NA	NA	NA	NA	28 U	50 U	65 U	72 UU	575
MW-529*	10/26/16	0.5 U	0.5 U	0.5 U	1.5 U	0.008 UU	46 U	50 U	100 U	98 UU	553
MW-529*	07/27/17	0.5 U	NA	NA	NA	0.008 UU	47 U	50 U	100 U	99 UU	553
MW-530*	07/02/12	NA	NA	NA	NA	NA	30 U	50 U	70 U	75 UU	571
MW-530*	09/27/12	NA	NA	NA	NA	NA	29 U	50 U	100	140	536
MW-530*	12/17/12	0.2 U	NA	NA	NA	0.008 UU	90	50 U	260	375	513
MW-530*	03/27/13	NA	NA	NA	NA	NA	32 U	50 U	74 U	78 UU	568
MW-530*	06/26/13	NA	NA	NA	NA	NA	30 U	50 U	71 U	76 UU	571
MW-530*	09/24/13	NA	NA	NA	NA	NA	31 U	50 U	72 U	77 UU	570
MW-530*	12/18/13	0.2 U	NA	NA	NA	0.008 UU	31 U	50 U	71 U	76 UU	570
MW-530*	03/27/14	NA	NA	NA	NA	NA	28 U	50 U	64 U	71 UU	576
MW-530*	06/17/14	NA	NA	NA	NA	NA	29 U	50 U	68 U	74 UU	573
MW-530*	09/30/14	NA	NA	NA	NA	NA	31 U	50 U	73 U	77 UU	569
MW-530*	12/09/14	0.4	NA	NA	NA	0.010	29 U	50 U	68 U	74 UU	573
MW-530*	03/24/15	NA	NA	NA	NA	NA	29 U	50 U	68 U	74 UU	573
MW-530*	06/23/15	NA	NA	NA	NA	NA	29 U	50 U	67 U	73 UU	574
MW-530*	10/26/16	0.5 U	0.5 U	0.5 U	1.5 U	0.008 UU	48 U	50 U	110 U	104 UU	550
MW-530*	07/26/17	0.5 U	NA	NA	NA	0.010 UU	47 U	50 U	100 U	99 UU	553
MW-531	06/28/12	NA	NA	NA	NA	NA	62	73	67 U	169	597
MW-531	12/18/12	0.2 U	NA	NA	NA	0.008 UU	29 U	50 U	67 U	73 UU	574
MW-531	06/26/13	NA	NA	NA	NA	NA	29	83	68 U	146	635
MW-531	12/17/13	0.4	NA	NA	NA	0.008 UU	30 U	77	69 U	127	648
MW-531	06/17/14	NA	NA	NA	NA	NA	29 U	50 U	67 U	73 UU	574
MW-531	12/09/14	0.2 U	NA	NA	NA	0.008 UU	30 U	50 U	70 U	75 UU	571
MW-531	06/23/15	NA	NA	NA	NA	NA	29 U	50 U	69 U	74 UU	573
MW-531	10/24/16	0.5 U	0.5 U	0.5 U	1.5 U	0.008 UU	47 U	50 U	110 U	104 UU	550
MW-531	07/26/17	0.6	NA	NA	NA	0.008 UU	46 U	95	100 U	168	635
MW-532	06/29/12	NA	NA	NA	NA	NA	41	50 U	68 U	100	552
MW-532	12/14/12	0.2 U	NA	NA	NA	0.008 UU	48	50 U	140	213	523
MW-532	06/26/13	NA	NA	NA	NA	NA	29 U	50 U	67 U	73 UU	574
MW-532	12/17/13	0.2 U	NA	NA	NA	0.008 UU	30 U	50 U	69 U	75 UU	572
MW-532	06/17/14	NA	NA	NA	NA	NA	29 U	50 U	67 U	73 UU	574
MW-532	12/09/14	0.2	NA	NA	NA	0.008 UU	36	50 U	66 U	94	555
MW-532	06/23/15	NA	NA	NA	NA	NA	28 U	50 U	66 U	72 UU	575
MW-532	10/24/16	0.5 U	0.5 U	0.5 U	1.5 U	0.008 UU	450	90	110	650	527
MW-532	07/26/17	0.5 U	NA	NA	NA	0.021	380	50 U	110 U	460	510
MW-8R*	10/21/08	0.505	0.50 U	0.50 U	1.00 U	0.007 UU	243 U	145 JZ	485 U	509	560
MW-8R*	12/09/08	0.51	0.50 U	0.50 U	1.00 U	0.007 UU	240 U	97.1	481 U	458	543
MW-8R*	02/23/09	0.5	NA	NA	NA	0.007 UU	68	50 U	70 U	128	540

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Petroleum and Polynuclear Aromatic Hydrocarbons
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		B	T	E	X											
		CUL=16	--	--	--	CUL=0.05	--	--	--	see note 6						
MW-8R*	04/21/09	0.5	U	NA	NA	NA	0.007	UU	29	50	U	67	U	88	560	
MW-8R*	06/23/09	0.5	U	NA	NA	NA	0.007	UU	49	50	U	67	U	108	548	
MW-8R*	08/18/09	0.5	U	NA	NA	NA	0.012	UU	62	50	U	66	U	120	542	
MW-8R*	10/26/09	0.5	U	NA	NA	NA	0.012	UU	300	50	U	66	U	358	513	
MW-8R*	01/19/10	NA		NA	NA	NA	NA		34	50	U	67	U	93	556	
MW-8R* (Duplicate)	01/19/10	NA		NA	NA	NA	NA		32	50	U	68	U	91	557	
MW-8R*	04/20/10	NA		NA	NA	NA	NA		28	U	50	U	66	U	72	UU
MW-8R*	07/20/10	NA		NA	NA	NA	NA		79	U	50	U	67	U	138	537
MW-8R*	10/26/10	0.5	U	NA	NA	NA	0.013	UU	440	U	50	U	77	U	504	509
MW-8R*	03/22/11	NA		NA	NA	NA	NA		28	U	50	U	66	U	72	UU
MW-8R* (Duplicate)	03/22/11	NA		NA	NA	NA	NA		32	U	50	U	67	U	91	558
MW-8R*	06/15/11	NA		NA	NA	NA	NA		44	U	50	U	67	U	103	550
MW-8R*	09/27/11	NA		NA	NA	NA	NA		30	U	50	U	70	U	75	UU
MW-8R*	12/14/11	0.2	U	NA	NA	NA	0.007	UU	28	U	50	U	66	U	72	UU
MW-8R*	03/28/12	NA		NA	NA	NA	NA		29	U	50	U	67	U	73	UU
MW-8R*	06/28/12	NA		NA	NA	NA	NA		30	U	50	U	70	U	75	UU
MW-8R* (Duplicate)	06/28/12	NA		NA	NA	NA	NA		30	U	50	U	71	U	76	UU
MW-8R*	09/26/12	NA		NA	NA	NA	NA		31	U	50	U	73	U	77	UU
MW-8R*	12/14/12	0.2	U	NA	NA	NA	0.008	UU	28	U	50	U	66	U	72	UU
MW-8R*	03/26/13	NA		NA	NA	NA	NA		28	U	50	U	66	U	72	UU
MW-8R*	06/25/13	NA		NA	NA	NA	NA		29	U	50	U	67	U	73	UU
MW-8R*	09/25/13	NA		NA	NA	NA	NA		30	U	50	U	69	U	75	UU
MW-8R*	12/17/13	0.2	U	NA	NA	NA	0.008	UU	30	U	50	U	70	U	75	UU
MW-8R*	03/27/14	NA		NA	NA	NA	NA		29	U	50	U	67	U	73	UU
MW-8R*	06/18/14	NA		NA	NA	NA	NA		29	U	50	U	67	U	73	UU
MW-8R* (Duplicate)	06/18/14	NA		NA	NA	NA	NA		28	U	50	U	66	U	72	UU
MW-8R*	09/30/14	NA		NA	NA	NA	NA		31	U	50	U	73	U	77	UU
MW-8R*	12/10/14	0.2		NA	NA	NA	0.008	UU	28	U	50	U	66	U	72	UU
MW-8R*	03/25/15	NA		NA	NA	NA	NA		29	U	50	U	68	U	74	UU
MW-8R*	06/23/15	NA		NA	NA	NA	NA		28	U	50	U	66	U	72	UU
MW-8R*	10/24/16	0.5	U	0.5	U	0.5	U	1.5	U	46	U	50	U	100	UU	553
MW-8R*	07/25/17	0.5	U	NA	NA	NA	0.007	UU	45	U	50	U	100	U	98	UU
MW-E	07/26/17	0.5	U	NA	NA	NA	0.018		1500		260		100	U	1,810	528

Notes:

¹B= benzene, T= toluene, E= ethylbenzene, X= xylenes. BTEX analyzed by EPA Method 8021B.

²cPAHs = Carcinogenic Polynuclear Aromatic Hydrocarbons. Analyzed by EPA Method 8270C-HVI. 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.

³Diesel and Heavy Oil (Lube) analyzed by method NWTPH-D Extended.

⁴Gasoline analyzed by method NWTPH-G.

⁵TPH = Total petroleum hydrocarbons. TPH calculated by summing the concentrations of gasoline, diesel and heavy oil. For results which did not exceed method reporting limits, half of the reporting limit was added to determine TPH.

-- = not applicable

⁶ Sample specific TPH CULs are developed by setting a hazard index for all TPH mixtures (GRO, DRO, HO) to 1, and adjusting the compositions relative to their mixtures and MTCA A CULs for groundwater. The calculation used is from Section 5.3 of the Interim Action Report (SLR, 2007) and is as follows: TPH CUL = 1/(%GRO/800+%DRO/500+%HO/500). For constituents that are less than detection limits, half of the detection limit was used in the calculation.

(µg/L) = micrograms per liter.

CUL = Cleanup level.

EPA = Environmental Protection Agency.

* = Denotes perimeter wells.

[] = Bracketed data indicate duplicate samples.

Highlighted cell = Exceeds site specific CUL.

Shaded values indicate the most recent sampling event.

LNAPL = Light non-aqueous phase liquid.

NA = Not Analyzed.

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 Edmonds, Washington

Monitoring Well	Date Sampled	BTEX ¹ (µg/L)				Total cPAHs Adjusted for Toxicity ² (µg/L)	Diesel ³ (µg/L)	Gasoline ⁴ (µg/L)	Heavy Oil ³ (µg/L)	TPH ⁵ (µg/L)	TPH CUL ⁶ (µg/L)
		B	T	E	X						
		CUL=16	--	--	--	CUL=0.05	--	--	--	see note 6	

Lab Qualifiers

Definition

- 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.
- 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.
- W Due to excessive foaming of the sample, normal reporting limits were not attained.
- XX Sample was collected as part of a matrix spike/ matrix spike duplicate (MS/MSD). Anomalous detection of HO was re-analyzed. The sample extract was re-injected and confirmed the reported results. The sample was re-

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Table 3
 Summary of Groundwater Analytical Data
 Natural Attenuation Parameters
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date Sampled	Temperature (°F) ¹	pH ¹	Conductivity (µS/cm) ¹	DO (mg/L) ¹	ORP (mV) ¹	Total Alkalinity (mg/L as CaCO ₃) ²	Sulfate (mg/L) ³	Nitrate (mg/L) ³	Methane (µg/L) ⁴	Manganese (mg/L) ⁵	Ferrous Iron by Field Measurement (mg/L) ⁶
LM-2	10/23/08	57.54	3.51	17,373.54	0.39	222.94	5 U	914	1 UJ	28.1	0.349	4.0
LM-2	12/11/08	53.17	3.89	13,859.08	0.17	338.86	5 U	942	0.2 U	46.9	0.358	5.0
LM-2	02/26/09	49.78	3.82	12,912.70	1.62	371.08	0.46 U	915	0.250 U	59	0.367	3.2
LM-2	04/23/09	51.06	4.91	11,367.56	7.37	133.42	9.7	768	0.250 U	50	0.298	6.0
LM-2	06/25/09	55.63	5.36	17,476.72	3.18	-38.23	43.4	1,280	0.640	41	0.239	6.0
LM-2	08/20/09	60.42	6.03	23,943.90	5.43	-93.49	90.6	2,220	0.250 UW	25 P	0.277	6.0
LM-2	10/30/09	56.50	4.16	5,546.90	0.91	325.52	30.2	401	0.250 U	15	0.292	7.5
LM-2	10/29/10	59.54	5.27	12,292.11	1.08	27.03	90.4	385	5.000 U	760	0.196	5.2
LM-2	12/16/11	49.80	4.12	17,054.02	0.85	370	460 U	829	0.250 U	85	0.309	3.4
LM-2	12/18/12	50.34	4.98	14,232.66	1.15	112	35.9	652	0.250 U	2,300	0.263	5.5
LM-2	12/18/13	50.45	6.08	6,670.25	0.23	-39.01	43	337	0.250 U	1,800	0.213	6.0
LM-2	12/09/14	54.22	6.02	15,451.56	0.43	-191.87	101	563	0.250 U	1,700	0.569	>10
LM-2	07/26/17	64.92	6.29	4,426.9	0.07	-79.2	NA	10.0	0.250 U	5,600	0.184	10
MW-101	10/22/08	59.63	6.13	2,773.56	0.19	64.36	42	96.2	0.21	170	1.33	3.6
MW-101	12/10/08	55.79	5.99	1,807.60	0.41	132.69	50	41	0.45	708	3.32	2.2
MW-101	02/24/09	43.38	6.32	870.43	0.78	49.88	110	70.6	0.39	3,000	2.38	2.4
MW-101	04/22/09	49.80	6.19	452.57	3.79	24.22	83	83.3	0.98	300	0.977	1.0
MW-101	06/25/09	57.14	6.10	901.96	1.65	129.31	56	135	0.250 U	71	1.55	0.5
MW-101	08/20/09	64.03	6.15	1,864.72	0.66	48.55	75.8	110	0.250 UW	250 P	2.98	6.0
MW-101	10/27/09	59.81	6.11	877.98	1.56	141.54	101	37.5	1.20	1.7	0.185	0.5
MW-101	10/27/10	59.43	6.12	3,096.41	2.12	-48.48	108	107	0.250 U	200	1.33	5.0
MW-101	12/14/11	54.44	6.54	1,095.90	0.95	100	130	35.3	0.910	320	0.0501	0.0
MW-101	12/18/12	52.84	6.63	180.44	9.59	119.91	109	16.3	1.300	3 U	0.0012	0.0
MW-101	12/20/13	52.58	6.22	1,631.96	1.43	94.46	203	9.7	0.490	2,600	0.0509	0.0
MW-101	12/10/14	56.57	6.65	347.63	5.55	135.62	90	20	1.800	25	0.0013	0.0
MW-101	07/25/17	58.75	6.50	445.74	2.28	116.9	NA	38.5	0.250 U	8.5	0.043	0.25
MW-101* (Duplicate)	07/25/17	--	--	--	--	--	--	33.7	0.290	9.8	0.036	--
MW-104	10/22/08	58.72	6.26	2,428.46	-0.01	-13.09	35.6	66.6	0.200 U	594	1.02	4.0
MW-104	12/10/08	55.07	6.24	982.41	0.22	30.53	53.8	23.1	0.200 U	1,160	1.13	3.0
MW-104	02/24/09	49.93	6.08	967.89	0.21	-26.14	58.8	17	0.250 U	2,200	1.19	3.2
MW-104	04/23/09	48.22	6.23	566.34	1.01	-121.29	59.2	60.2	0.73	1,800	0.959	4.0
MW-104	06/24/09	58.33	6.34	506.78	0.21	-62.91	63.9	39.2	0.25 U	1,200	0.714	6.0
MW-104	08/19/09	62.87	6.32	1,353.13	0.29	-61.28	75.6	45	0.25 U	950	0.901	6.0
MW-104	10/27/09	60.10	6.12	2,590.00	0.43	-27.46	110	92.4	0.3	3,200	1.4	4.5
MW-104	10/27/10	58.17	6.16	1,640.32	0.04	-86.19	95.1	31.2	0.25 U	1,300	1.3	2.1
MW-104	12/13/11	53.28	6.19	863.19	0.14	-10.00	112	52.8	0.53 U	1,700	0.765	3.0
MW-104	12/18/12	50.70	6.35	229.74	3.31	197.61	96.4	17.2	1.6	37	0.061	1.0
MW-104	12/17/13	53.92	6.17	323.93	0.13	-66.63	108	18.3	0.3	980	0.287	0.12
MW-104	12/09/14	56.77	6.36	358.53	0.06	11.37	109	26	0.250 U	1,300	0.367	0.6
MW-104	07/26/17	60.48	6.53	360.84	0.18	17.2	NA	6.8	0.250 U	440	0.254	2.5
MW-108	10/23/08	53.88	6.26	14,851.80	0.20	-83.53	509	373	1 UJ	2,390 D	0.208	1.4

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 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date Sampled	Temperature (°F) ¹	pH ¹	Conductivity (µS/cm) ¹	DO (mg/L) ¹	ORP (mV) ¹	Total Alkalinity (mg/L as CaCO ₃) ²	Sulfate (mg/L) ³	Nitrate (mg/L) ³	Methane (µg/L) ⁴	Manganese (mg/L) ⁵	Ferrous Iron by Field Measurement (mg/L) ⁶
MW-108	12/11/08	50.51	6.29	14,241.04	0.01	-184.14	557	288	0.200 U	1,410 D	0.242	1.2
MW-108	02/26/09	50.02	6.28	15,209.47	0.19	-268.28	549	456	0.250 U	3,000	0.263	3.0
MW-108	04/23/09	49.14	6.36	14,218.55	0.02	-270.38	517	315	0.250 U	2,400	0.278	3.0
MW-108	06/25/09	54.05	6.30	15,829.18	0.72	-132.71	486	507	0.52	2,100	0.284	4.5
MW-108	08/20/09	56.41	6.31	16,788.72	0.07	-158.78	525	401	0.25 UW	3,500	0.254	2.0
MW-108	10/30/09	55.36	6.31	18,050.49	0.12	-88.09	495	566	0.25 U	2,100	0.267	5.0
MW-108	10/29/10	54.88	6.31	23,517.97	0.02	-260.17	475	508	5 U	1,600	0.191	1.2
MW-108	12/16/11	51.90	6.27	20,084.25	0.07	-110.00	356	426	0.25 U	1,100	0.318	2.0
MW-108	12/18/12	45.21	6.17	12,903.42	0.63	-156.33	376	391	0.25 U	1,000	0.141	2.7
MW-108	12/19/13	50.97	6.51	21,819.37	-0.03	-267.22	545	381	0.25 U	2,100	0.124	0.2
MW-108	12/09/14	55.06	6.49	22,617.16	0.04	-321.05	605	404	0.250 U	3300	0.107	1.0
MW-109	10/23/08	54.91	6.22	16,332.14	1.34	-194.55	342	693	1 UJ	785	1.59	0.6
MW-109	12/12/08	51.03	6.29	12,565.11	0.80	-193.01	291	640	0.200 U	560	0.528	0.2
MW-109	02/26/09	47.82	6.38	13,623.75	3.97	-179.39	300	993	0.250 U	820	1.21	0.4
MW-109	04/23/09	47.97	6.03	8,713.56	1.84	-192.93	316	546	0.250 U	350	1.58	1.0
MW-109	06/25/09	54.17	6.21	22,124.79	0.52	-138.25	202	1,660	1.4	570	1.09	3.0
MW-109	08/20/09	55.99	6.37	23,873.46	2.33	-155.34	331	1,540	0.25 UW	320 P	1,650	1.0
MW-109	10/30/09	55.51	6.00	14,892.73	0.76	-41.77	332	1,200	0.25 U	400	1.38	1.0
MW-109	10/29/10	54.34	6.54	23,528.21	3.14	-262.04	348	824	0.25 U	420	1.93	0.1
MW-109	12/16/11	50.80	6.35	13,573.50	1.60	-120.00	259	597	0.25 U	310	1.58	1.6
MW-109	12/18/12	46.13	5.94	3,373.44	1.39	-92.39	153	193	0.250 U	390	0.381	3.1
MW-109	12/19/13	49.84	6.70	22,150.19	6.62	-204.45	440	547	0.25 U	160	1.84	0.0
MW-109	12/09/14	54.73	6.63	14,320.49	6.42	-244.96	361	450	0.250 U	1300	1.520	0.2
MW-126	12/18/12	49.66	6.75	301.47	2.81	13.21	249	19.6	0.250 U	3.0 U	0.126	2.0
MW-126	12/17/13	50.04	6.69	666.12	1.75	48.55	264	39.1	0.280	3.0 U	0.294	3.0
MW-126	12/10/14	52.14	6.73	730.22	0.13	38.63	283	25.3	0.250 U	3.0 U	0.0592	0.0
MW-126	07/25/17	55.16	6.09	461.04	0.95	232.7	NA	33.2	0.250 U	3.0 U	0.008	0.95
MW-129R	10/24/08	54.76	6.45	839.57	-0.02	-33.84	502	23.8	0.200 U	1,930 D	5.74	5.8
MW-129R	12/12/08	51.10	6.62	867.09	0.12	-76.86	469	91.6	0.200 U	1,600	10.3	5.4
MW-129R	02/27/09	47.80	6.50	836.19	0.18	-70.26	505	47.1	0.250 U	6,000	8.56	5.8
MW-129R	04/27/09	49.18	6.56	822.66	0.17	-116.70	485	60.4	0.250 U	10,000	8.21	10.0
MW-129R	06/26/09	54.44	6.54	1,301.40	0.07	-79.11	493	64.4	0.250 U	9,100	7.81	9.0
MW-129R	08/21/09	57.58	6.58	1,013.56	0.06	-286.98	597	51.3	0.250 U	5,400	7.88	9.0
MW-129R	10/28/09	55.23	6.75	1,919.06	0.05	-161.96	1,150	1.7	0.250 U	15,000	5.22	8.0
MW-129R	11/01/10	55.53	6.58	1,397.48	0.10	-155.22	742	75.3	0.250 U	5,500	8.92	2.8
MW-129R	12/19/11	52.20	6.52	1,679.97	0.01	-110.00	1,000	25.2	0.250 U	11,000	7.00	5.0
MW-129R	12/18/12	51.77	6.60	1,485.27	0.29	-82.07	687	102	0.250 U	3900	10.3	5.0
MW-129R	12/18/13	52.41	6.73	1,113.53	0.08	-117.71	699	66.3	0.250 U	2,300	11.3	4.5
MW-129R	12/09/14	54.53	6.69	1,490.49	0.06	-134.58	710	11	0.05 U	5200	10.5	>10
MW-129R	07/26/17	58.59	6.64	1,435.1	0.11	-41.5	NA	112	0.250 U	4,200	8.270	7.0
MW-134X	12/14/12	51.75	6.42	306.96	10.37	109.28	124	32.2	0.890	3.00 U	0.102	2.0

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Monitoring Well	Date Sampled	Temperature (°F) ¹	pH ¹	Conductivity (µS/cm) ¹	DO (mg/L) ¹	ORP (mV) ¹	Total Alkalinity (mg/L as CaCO ₃) ²	Sulfate (mg/L) ³	Nitrate (mg/L) ³	Methane (µg/L) ⁴	Manganese (mg/L) ⁵	Ferrous Iron by Field Measurement (mg/L) ⁶
MW-134X	12/19/13	50.93	6.23	256.29	2.61	1.35	139	34	1.200	3 U	0.0	2.5
MW-134X	12/10/14	55.84	6.29	422.07	3.12	41.77	133	38	1.300	13	0.003	0.6
MW-135	10/27/08	54.94	6.51	1,848.03	-0.03	-60.48	959	4.12	0.200 U	10,800 D	2.68	4.0
MW-135	12/15/08	49.73	6.59	1,954.54	-0.09	-81.98	1070	1.43	0.200 U	7,170 D	2.69	2.2
MW-135	02/27/09	52.61	6.38	760.32	0.27	22.19	402	79.1	0.250 U	1,100	1.31	3.4
MW-135	04/24/09	50.76	6.48	649.63	0.13	-134.17	382	67.2	0.250 U	620	0.743	2.0
MW-135	06/29/09	51.44	6.47	1,319.24	1.09	-31.25	752	33	0.43	2,600	1.66	6.0
MW-135	08/24/09	53.02	6.56	2,049.88	0.29	-60.39	1140	6	0.250 U	11,000	1.67	7.0
MW-135	10/29/09	52.90	6.54	2,162.52	0.14	-87.07	1220	2.4	0.250 U	12,000	1.75	8.0
MW-135	11/01/10	54.37	6.46	2,818.70	0.06	-74.99	1160	1.5 U	0.250 U	12,000	1.24	5.6
MW-135	12/16/11	51.80	6.57	1,200.88	0.04	-20.00	425	101	0.250 U	250	0.37	7.0
MW-135	12/19/12	50.79	6.42	504.30	4.73	15.82	291	32.5	1.5	1,200	0.142	3.4
MW-135	12/20/13	50.87	6.50	1,914.40	0.03	549.43	1080	1.5 U	0.250 U	20,000	0.755	4.9
MW-135	12/12/14	54.03	6.36	818.48	1.44	-13.44	291	49	0.250 U	740	0.080	7.5
MW-136	10/27/08	53.88	6.34	2,330.80	0.06	-57.07	851	0.42	0.200 U	16,800 D	3.19	4.2
MW-136	12/15/08	46.47	6.31	1,092.68	0.17	-99.68	629	32.5	0.200 U	9,050 D	4.31	2.8
MW-136	02/27/09	47.97	6.34	990.82	0.43	-56.64	474	72.1	0.250 U	8,900	4.05	5.6
MW-136	04/24/09	49.91	6.41	925.24	0.07	-193.85	405	91.1	0.250 U	13,000	4.62	8.0
MW-136	06/29/09	51.53	6.43	975.31	0.37	-75.06	492	72.1	0.250 U	16,000	4.86	7.0
MW-136	08/24/09	54.28	6.43	1,020.67	0.14	-92.53	544	36.3	0.250 U	21,000	4.82	10.0
MW-136	10/29/09	53.78	6.35	981.76	0.25	-113.64	574	1.5 U	0.250 U	19,000	4.63	7.0
MW-136	11/01/10	54.50	6.44	1,147.64	0.05	-140.56	576	1.5 U	0.250 U	17,000	6.13	1.8
MW-136	12/16/11	51.90	6.43	2,964,572.75	-0.01	-94.97	523	2.8	0.250 U	20,000	12.6	2.0
MW-136	12/19/12	49.27	6.61	771.17	0.06	-216.79	416	14.8	0.250 U	8,200	10.2	7.0
MW-136	12/20/13	49.48	6.30	696.18	0.07	-202.27	488	1.5 U	0.250 U	25,000	12.9	6.0
MW-136	12/12/14	52.88	6.76	734.70	1.96	-54.76	405	5	0.250 U	10000	10.700	9.5
MW-139R	10/22/08	63.60	6.87	664.62	0.01	-22.31	243	64.8	0.200 U	864	2.48	1.0
MW-139R	12/10/08	54.36	6.96	708.71	0.78	15.38	167	76.1	0.2	12.5	0.902	0.5
MW-139R	02/25/09	43.11	7.06	334.12	3.34	136.11	105	53	0.4	5 U	0.115	0.4
MW-139R	04/23/09	47.34	7.08	180.00	1.66	-104.66	81.4	32.3	0.250 U	10 U	0.0102	0.4
MW-139R	06/25/09	62.38	7.14	365.34	0.50	-96.96	134	51.5	0.250 U	34	0.523	2.0
MW-139R	08/20/09	69.85	7.10	439.97	0.22	-108.16	156	49.7	0.250 UW	77 P	0.512	1.0
MW-139R	10/28/09	60.58	6.95	277.93	1.41	71.75	110	37.5	0.250 U	5.2	0.0215	0.5
MW-139R	10/28/10	61.92	6.86	447.33	2.11	-69.41	185	60.4	0.250 U	52	0.189	1.0
MW-139R	12/15/11	51.33	6.99	258.44	2.69	70.00	114	35.2	0.250 U	5 U	0.027	0.0
MW-139R	12/18/12	49.36	6.93	258.61	4.11	196.75	85.2	16.3	0.260	3.0 U	0.0024	0.0
MW-139R	12/18/13	53.40	6.89	374.82	1.21	-103.26	139	33.8	0.250 U	5.6	0.0272	1.2
MW-139R	12/10/14	56.26	7.01	416.71	1.78	102.78	135	31	0.25 U	3 U	0.0185	0.1
MW-139R	07/27/17	63.47	6.88	467.67	0.29	--	NA	25.9	0.250 U	160	0.176	1.25
MW-13U	12/14/12	23.38	33.19^	53,946.56	2.96	-1,395.87	116	14.9	0.850	3.00 U	0.0019	0.0

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Monitoring Well	Date Sampled	Temperature (°F) ¹	pH ¹	Conductivity (µS/cm) ¹	DO (mg/L) ¹	ORP (mV) ¹	Total Alkalinity (mg/L as CaCO ₃) ²	Sulfate (mg/L) ³	Nitrate (mg/L) ³	Methane (µg/L) ⁴	Manganese (mg/L) ⁵	Ferrous Iron by Field Measurement (mg/L) ⁶
MW-13U	12/20/13	52.45	6.25	181.31	2.40	-66.63	109	67.3	0.670	3.0 U	0.00073 U	0.0
MW-13U	12/10/14	57.94	6.48	281.43	3.25	147.77	104	16	0.950	3 U	0.001	0.0
MW-143	10/22/08	59.41	6.49	383.51	0.01	-49.00	142	34.4	0.200 U	2,210 D	1.26	5.4
MW-143	12/16/08	50.76	6.39	367.82	0.06	-73.14	194	12.9	0.200 U	7,630 D	3.82	3.2
MW-143	02/25/09	49.77	6.32	391.78	0.23	-61.12	229	1.5 U	0.250 U	18,000	4.47	4.2
MW-143	04/21/09	51.98	6.44	395.08	0.12	-167.60	220	1.8	0.250 U	17,000	4.28	5.8
MW-143	06/24/09	59.07	6.39	418.65	0.37	-130.39	210	1.5 U	0.250 U	15,000	3.67	6.0
MW-143	08/19/09	61.70	6.42	379.94	0.06	-84.88	182	9.1	0.250 U	4,100	1.86	2.0
MW-143	10/27/09	60.32	6.35	356.97	0.17	-144.82	154	14.5	0.360	4,900	0.868	6.5
MW-143	10/27/10	59.34	6.56	268.76	0.51	-174.12	68.5	55.7	0.250 U	620	0.214	3.0
MW-143	12/14/11	52.72	6.36	392.01	0.08	-81.55	229	1.5 U	0.250 U	19,000	4.01	5.5
MW-143	12/20/12	52.68	6.34	403.71	0.10	-76.85	244	1.5 U	0.250 U	17,000	4.37	5.3
MW-143	12/18/13	53.20	6.34	398.11	1.18	-41.69	206	1.5 U	0.250 U	22,000	3.7	4.6
MW-143	12/10/14	55.73	6.39	595.43	1.10	-63.38	227	2	0.25 U	19000	4.04	>10
MW-143	07/25/17	59.95	6.40	660.49	0.19	-55.3	NA	1.5 U	0.250 U	20,000	4.450	>7
MW-147	10/21/08	58.43	6.24	516.46	-0.02	-18.40	131	67.2	0.200 U	330	2.38	5.2
MW-147	12/09/08	52.49	6.42	692.37	0.18	-104.13	301	141	0.200 U	895	4.16	6.4
MW-147	02/23/09	49.80	6.42	776.76	0.12	-93.21	407	111	0.250 U	1,000	4.86	5.4
MW-147	04/21/09	50.50	6.50	629.49	0.09	634.02	334	86.9	0.250 U	1,500	4.08	6.0
MW-147	06/23/09	55.54	6.50	696.30	0.04	-108.35	393	49.6	0.250 U	340	3.92	7.0
MW-147	08/18/09	60.57	6.46	605.85	0.06	-45.34	272	74.2	0.250 U	610	3.01	7.0
MW-147	10/26/09	58.00	6.35	518.53	0.10	-41.83	205	84.6	0.250 U	890	3.26	8.0
MW-147	10/26/10	56.07	6.34	426.81	0.20	-74.33	162	83.6	0.250 U	340	2.96	5.2
MW-147	12/13/11	52.52	5.99	440.75	0.12	-13.48	181	134	0.640	15	2.61	1.6
MW-147	12/14/12	52.59	6.05	399.49	3.72	141.88	147	144	0.250 U	5.40	3.61	3.6
MW-147	12/17/13	53.28	6.05	510.40	0.31	147.70	145	189	0.290	36	2.13	1.0
MW-147	12/09/14	52.65	5.95	466.27	4.61	229.44	92.3	136	0.250 U	3 U	1.190	0.1
MW-149R	10/21/08	58.41	6.56	521.83	0.09	-34.31	225	52.5	0.200 U	1,610 D	0.963	1.6
MW-149R	12/09/08	52.55	6.22	466.01	0.17	101.87	117	165	0.200 U	224	1.06	0.6
MW-149R	02/23/09	48.40	6.43	441.39	0.09	82.90	161	133	0.250 U	420	0.507	0.6
MW-149R	04/21/09	48.99	6.37	329.88	1.25	589.02	115	117	0.71	60	0.216	0.2
MW-149R	06/23/09	56.35	6.56	556.71	0.01	15.84	217	118	0.250 U	860	0.338	3.0
MW-149R	08/18/09	62.17	6.56	643.81	0.15	-22.07	256	121	0.250 U	1,100	0.48	3.0
MW-149R	10/26/09	58.37	6.21	404.24	3.57	203.93	76.4	160	1.600	7.9	0.0113	1.0
MW-149R	10/26/10	57.49	6.36	501.89	0.55	50.72	150	135	0.770	28	0.14	0.5
MW-149R	12/13/11	50.53	6.39	277.74	0.67	210.00	79.1	122	1.6	5 U	0.0163	0.0
MW-149R	12/14/12	49.79	6.42	442.76	5.35	227.31	154	172	0.770	3.00 U	0.0074	0.5
MW-149R	12/17/13	51.91	6.32	446.22	0.22	150.77	83.2	128	1.5	3 U	0.0051	1.0
MW-149R	12/09/14	51.67	6.41	306.80	5.37	258.01	84.7	57	1.800	3 U	0.001	0.1
MW-150	10/21/08	58.35	6.52	748.62	-0.05	25.37	444	68.7	0.200 U	622	1.52	1.4
MW-150	12/09/08	52.71	6.54	761.44	0.20	32.64	440	134	0.200 U	389	1.52	1.8

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 Natural Attenuation Parameters
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date Sampled	Temperature (°F) ¹	pH ¹	Conductivity (µS/cm) ¹	DO (mg/L) ¹	ORP (mV) ¹	Total Alkalinity (mg/L as CaCO ₃) ²	Sulfate (mg/L) ³	Nitrate (mg/L) ³	Methane (µg/L) ⁴	Manganese (mg/L) ⁵	Ferrous Iron by Field Measurement (mg/L) ⁶
MW-150	02/23/09	48.38	6.56	586.85	0.14	71.82	371	101	0.250 U	180	1.24	1.0
MW-150	04/21/09	48.86	6.69	570.05	0.15	-80.49	341	86.5	0.250 U	50	1.14	1.0
MW-150	06/23/09	57.16	6.77	569.79	0.27	31.03	347	60.8	0.250 U	220	0.945	1.0
MW-150	08/18/09	62.67	6.61	708.96	0.06	-5.64	403	69.3	0.250 U	350	1.24	1.8
MW-150	10/26/09	58.83	6.64	587.23	0.96	70.66	316	73	0.380	51	0.295	1.0
MW-150	10/26/10	58.28	6.34	2,521,506.50	0.60	33.14	347	63.6	1.1	110	0.812	1.8
MW-150	12/13/11	51.57	6.54	619.48	0.06	3.17	390	89.4	0.380	150	1.37	2.0
MW-150	12/14/12	51.94	6.59	409.93	0.48	101.66	263	41.1	0.250 U	26.0	0.179	0.0
MW-150	12/17/13	52.39	6.55	822.42	0.29	19.61	386	64.6	0.250 U	980	2.24	3.0
MW-150	12/09/14	54.45	6.39	591.47	1.31	235.42	309	54	0.250 U	280	0.440	0.1
MW-203	12/17/12	51.62	6.23	197.93	5.66	229.49	79.1	10.2	2.0	3.0 U	0.00083	NA
MW-203	12/19/13	48.13	6.33	143.10	4.97	2.03	80.7	9.2	1.9	3.0 U	0.0021	1.5
MW-203	12/10/14	53.67	6.35	233.78	5.29	130.18	77.1	11	2.300	3 U	0.001 U	0.1
MW-20R	10/22/08	55.85	6.68	10,026.36	0.15	-63.43	306	283	0.200 U	771	2.97	6.0
MW-20R	12/10/08	54.77	6.63	7,040.07	0.00	-88.61	263	238	0.200 U	886	1.63	4.0
MW-20R	02/24/09	49.87	6.89	2,668.49	0.11	-94.36	271	77.7	0.250 U	3,300	0.404	2.0
MW-20R	04/22/09	48.29	6.77	1,613.57	0.53	-71.76	250	33.6	0.250 U	2,800	0.293	5.5
MW-20R	06/24/09	54.32	6.73	6,859.37	0.44	-54.70	234	287	0.39	160	1.24	3.5
MW-20R	08/19/09	58.26	6.72	12,573.84	0.18	-122.78	229	592	0.250 U	900	2.49	6.0
MW-20R	10/27/09	57.49	6.43	11,374.52	0.61	-95.09	153	520	2.80	340	1.41	2.0
MW-20R	10/27/10	57.29	6.80	30,822.78	0.07	-143.50	128	1,710	1.2	51	0.839	2.6
MW-20R	12/14/11	53.47	6.56	10,515.91	-0.01	-39.92	220	566	0.250 U	1,400	0.488	2.6
MW-20R	12/17/12	51.84	5.76	177.51	7.57	236.30	39.9	63.6	0.250 U	3.0 U	0.127	0.5
MW-20R	12/18/13	53.27	6.72	6,772.63	0.07	-113.24	231	315	0.250 U	1,400	0.22	0.6
MW-20R	12/10/14	55.64	6.44	5,415.46	2.64	-208.01	129	232	0.25 U	140	0.116	0.1
MW-20R	07/26/17	58.29	6.51	17,957	3.14	40.8	NA	835	0.250 U	410	1.520	4.75
MW-500	10/27/08	60.04	6.44	4,499.73	0.05	-10.17	977	172	0.200 U	8,590 D	0.97	4.2
MW-500	12/15/08	48.50	6.73	641.64	0.50	76.79	362	134	0.23	1,940 D	0.511	0.0
MW-500	02/27/09	44.74	6.77	475.25	0.29	111.07	334	37.7	0.250 U	6,400	0.2	1.2
MW-500	04/24/09	50.90	6.73	339.34	0.44	-143.85	263	18.6	0.250 U	39	0.0808	0.4
MW-500	06/29/09	59.99	6.38	1,001.85	-0.08	-44.59	464	17,900	0.250 U	16,000	1,340	3.0
MW-500	08/21/09	67.41	6.38	1,341.80	0.10	-233.97	647	2.20	0.250 U	15,000	1.82	2.5
MW-500	10/29/09	59.42	6.42	734.24	0.16	-104.24	362	131	0.350	13,000	1.97	1.5
MW-500	11/01/10	58.82	6.16	735.00	0.07	-145.52	451	22.4	0.250 U	12,000	1.8	5.5
MW-500	12/16/11	52.50	6.26	1,101,366.63	0.13	-103.35	175	4.3	0.250 U	9,400	0.344	5.2
MW-500	12/19/12	49.54	6.97	120.55	7.19	124.35	86.8	4.6	0.350	3 U	0.0012	0.6
MW-500	12/20/13	47.66	6.09	2,125.76	7.41	-25.52	401	1.5 U	0.250 U	19,000	1.38	0.14
MW-500	12/11/14	51.79	6.62	243.84	0.59	11.00	98.5	8	0.250 U	8400	0.100	0.2
MW-501	10/24/08	60.21	6.53	3,805.79	-0.02	-27.98	1,700	59.2	0.200 U	10,500 DJ	3.49	5.0
MW-501	12/15/08	51.44	6.66	475.85	4.55	91.22	269	55.4	1.73	91.9	0.0552	0.0
MW-501	03/02/09	49.42	6.49	434.37	2.35	216.95	317	34.7	1.2	56	0.67	0.8

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Monitoring Well	Date Sampled	Temperature (°F) ¹	pH ¹	Conductivity (µS/cm) ¹	DO (mg/L) ¹	ORP (mV) ¹	Total Alkalinity (mg/L as CaCO ₃) ²	Sulfate (mg/L) ³	Nitrate (mg/L) ³	Methane (µg/L) ⁴	Manganese (mg/L) ⁵	Ferrous Iron by Field Measurement (mg/L) ⁶
MW-501	04/24/09	51.05	6.53	374.33	1.03	-42.42	248	29.7	0.250 U	140	0.694	1.0
MW-501	06/26/09	59.01	6.40	1,025.69	0.04	37.36	NA	12.6	0.250 U	16,000	2.8	0.0
MW-501	08/21/09	67.17	6.44	1,361.38	0.19	-47.09	752	2.7	0.250 U	13,000	5	7.0
MW-501	10/29/09	58.23	6.43	366.98	0.24	-105.85	242	26.1	0.250 U	380	4.9	5.0
MW-501	11/01/10	59.18	6.26	844.99	0.10	-102.31	509	1.5	U 0.250 U	14,000	4.95	7.2
MW-501	12/16/11	52.30	6.31	1,364,320.50	0.02	-162.31	219	5.8	0.250 U	1,400	1.65	4.2
MW-501	12/19/12	50.03	6.29	135.87	3.04	-19.66	82.5	3.0	0.250 U	220	0.0812	1.0
MW-501	12/20/13	46.25	6.22	352.27	0.51	80.35	247	11.2	0.250 U	17,000	2.45	5.5
MW-501	12/11/14	52.36	6.24	312.79	0.07	-115.67	118	4	0.250 U	4400	1.530	5.0
MW-502	10/24/08	59.77	6.31	558.51	0.05	-36.88	98	70.2	0.200 U	98.8 D	1.1	6.4
MW-502	12/12/08	53.20	6.36	482.08	0.04	-33.02	87.2	63.4	0.200 U	67	0.739	3.0
MW-502	02/25/09	48.02	6.37	343.38	0.11	-24.32	67.9	56.8	0.250 U	53	0.681	6.4
MW-502	04/22/09	50.96	6.36	314.18	0.03	226.34	67.7	48	0.250 U	40	0.635	7.0
MW-502	06/26/09	61.26	6.37	379.61	0.14	-57.95	95	52.8	0.250 U	33	0.627	6.5
MW-502	08/21/09	64.60	6.17	364.92	0.10	-38.59	107	27.6	0.250 U	20 P	0.585	6.0
MW-502	10/28/09	60.10	6.34	413.99	0.14	-65.94	153	41.4	0.250 U	45	0.568	6.0
MW-502	10/28/10	59.88	6.09	377.99	0.11	31.93	100	30.2	0.250 U	5.2	0.407	4.8
MW-502	12/16/11	53.40	6.12	280.64	0.05	127.40	84.3	31.4	0.250 U	5.7	0.244	0.8
MW-502	12/19/12	49.12	6.13	201.10	0.50	100.97	101	27.4	1.2	56	0.149	1.0
MW-502	12/20/13	50.47	6.26	431.25	0.10	33.60	79	34	0.250 U	3	0.355	3.6
MW-502	12/11/14	51.82	6.20	390.23	0.75	206.18	118	26	2.8	3 U	0.0724	0.1
MW-502	07/26/17	58.28	6.24	315.05	0.14	48.2	NA	29.1	0.250 U	3 U	0.258	4.25
MW-502 (Duplicate)	07/26/17	--	--	--	--	--	--	26.9	0.250 U	3 U	0.251	--
MW-503	10/27/08	58.09	6.21	359.03	0.00	-44.22	189	8.44	0.200 U	478	0.139	3.0
MW-503	12/12/08	54.35	6.36	302.27	0.07	-38.20	169	9.51	0.200 U	306	0.188	4.6
MW-503	02/26/09	50.47	6.29	280.63	0.12	-14.44	155	11.8	0.250 U	210	0.196	2.0
MW-503	04/22/09	51.85	6.36	273.33	0.02	259.93	152	12.3	0.250 U	150	0.245	7.0
MW-503	06/26/09	55.34	6.36	281.37	0.05	-56.57	156	16.3	0.250 U	190	0.225	6.5
MW-503	08/21/09	60.08	6.34	311.25	0.02	-37.47	158	11.7	0.250 U	180 P	0.238	7.0
MW-503	10/28/09	58.50	6.31	314.43	0.04	-44.90	159	12.1	0.250 U	190	0.241	10.0
MW-503	10/28/10	58.32	6.18	512.56	0.10	-23.74	145	14.9	0.250 U	180	0.318	5.6
MW-503	12/15/11	54.30	6.26	443.34	0.00	-17.75	137	24.2	0.250 U	130	0.478	5.2
MW-503	12/18/12	55.26	6.22	494.81	0.02	-90.25	155	37.8	0.250 U	100	0.534	1.0
MW-503	12/19/13	55.23	6.14	1,265.08	0.01	-23.91	145	40.3	0.250 U	74	0.567	5.2
MW-503	12/11/14	55.83	6.28	651.61	0.15	-21.99	142	39	0.25 U	61	0.518	9.5
MW-504	10/24/08	58.92	6.73	1,157.92	0.08	5.06	435	64.2	0.200 U	1,970 D	3.24	0.8
MW-504	12/12/08	49.76	6.98	958.10	0.24	36.78	261	188	0.71	269	1.14	0.2
MW-504	02/27/09	46.92	7.04	572.72	0.28	473.30	251	119	0.4	120	0.376	0.2
MW-504	04/24/09	49.13	7.08	566.26	0.92	-47.37	227	129	0.71	56	0.228	0.2
MW-504	06/26/09	59.97	7.08	595.29	0.14	33.80	274	106	0.250 U	170	0.419	0.0
MW-504	08/21/09	66.52	6.88	797.96	0.04	28.06	338	84.7	0.250 U	840	1.19	0.0

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MW-504	10/28/09	60.48	6.81	637.65	0.41	52.25	311	86.7	0.650	380	0.676	1.5
MW-504	10/28/10	60.75	6.76	786.39	0.73	-63.57	301	47.8	0.250 U	180	0.804	0.5
MW-504	12/16/11	54.30	6.83	412.10	0.96	153.17	225	66.3	0.250 U	170	0.4	0.0
MW-504	12/18/12	48.08	7.44	235.83	8.60	69.47	115.0	8.4	0.250 U	3.0 U	0.0015	0.0
MW-504	12/19/13	53.95	6.22	351.95	0.03	-40.96	223	17	0.250 U	700	1.08	2.0
MW-504	12/11/14	50.76	7.15	309.59	6.81	72.46	115	16	0.25 U	620	0.0011	0.1
MW-504	07/26/17	62.32	6.84	420.98	0.10	46.3	NA	12.0	0.250 U	570	0.650	0.0
MW-505	10/24/08	56.61	6.77	1,292.49	0.42	23.88	289	119	0.54	961	2.41	0.6
MW-505	12/15/08	51.14	6.89	823.56	2.25	68.13	216	144	0.63	219	1.42	0.0
MW-505	02/27/09	46.85	6.85	659.23	2.72	182.77	181	167	0.39	130	1.16	0.0
MW-505	04/22/09	49.75	7.04	586.48	1.48	-144.75	184	134	0.43	100	1.1	0.0
MW-505	06/26/09	62.11	7.01	637.54	1.42	-17.29	190	133	0.34	190	9.11	0.5
MW-505	08/21/09	64.00	6.88	719.54	0.60	-15.81	185	72.9	0.25 U	190 P	0.997	1.0
MW-505	10/28/09	57.61	6.87	620.60	1.83	26.22	187	136	0.38	230	1.1	0.5
MW-505	10/29/10	59.58	6.75	613.95	0.05	-59.16	219	58.6	0.25 U	1,000	1.17	1.8
MW-505	12/15/11	53.63	6.77	530.14	0.65	0.00	245	92.3	0.25 U	390	1.41	1.2
MW-505	12/18/12	52.29	6.91	260.87	6.66	71.61	125	69.7	0.250 U	5.0	0.143	1.0
MW-505	12/19/13	53.04	6.25	1,300.95	0.01	-8.82	237	66.3	0.250 U	490	1.24	2.5
MW-505	12/11/14	52.91	6.87	328.26	5.83	138.69	97.8	21	0.25 U	460	0.366	0.2
MW-505	07/26/17	63.49	6.78	542.29	0.18	-19.6	NA	44.4	0.250 U	1,300	1.230	3.5
MW-506	10/24/08	58.38	6.90	851.73	-0.03	-3.02	238	147	0.200 U	2,820 D	1.42	0.8
MW-506	12/12/08	49.85	6.88	863.65	0.35	52.81	186	90.7	0.21	1,770 D	1.61	0.4
MW-506	02/27/09	47.32	7.10	363.65	0.50	76.54	121	59.9	0.56	140	0.105	0.0
MW-506	04/24/09	48.74	7.12	272.22	0.56	-138.25	115	53.6	1	36	0.0139	0.0
MW-506	06/26/09	57.74	7.11	601.49	0.11	85.41	183	74.3	320	1,800	0.135	0.0
MW-506	08/21/09	62.46	7.06	329.13	0.07	46.69	141	28.1	0.25 U	2,200	0.434	0.5
MW-506	10/30/09	59.70	6.89	363.42	0.37	4.84	132	71.7	0.25 U	1,600	0.729	0.5
MW-506	10/29/10	58.82	6.83	518.80	0.09	-28.40	207	29.8	0.25 U	5,200	1.97	0.6
MW-506	12/15/11	52.57	7.04	283.39	0.15	38.13	183	36.1	0.85	140	0.273	0.0
MW-506	12/19/12	51.08	6.94	226.17	4.59	158.02	143	27.1	0.250 U	42	0.0897	0.0
MW-506	12/19/13	52.82	6.75	422.56	0.03	-38.21	192	17.8	0.25 U	2,700	2.15	1.0
MW-506	12/11/14	54.27	7.29	429.59	6.55	110.57	153	32	1	45	0.139	0.1
MW-506	07/27/17	59.29	6.98	416.24	0.12	92.7	NA	4.3	0.250 U	4,900	1.630	0.5
MW-507	10/24/08	58.31	6.54	642.48	0.01	-93.26	214	80.7	0.200 U	1,110 D	5.1	6.0
MW-507	12/12/08	52.21	6.61	795.60	0.07	-46.04	297	151	0.200 U	850	3.31	3.8
MW-507	02/27/09	48.70	6.51	909.55	0.26	37.35	290	279	0.250 U	1,600	3.97	3.2
MW-507	04/24/09	51.10	6.53	992.50	0.14	-38.69	293	364	0.250 U	1,600	3.4	3.0
MW-507	06/26/09	56.60	6.52	1,350.93	0.03	-29.33	252	282	0.250 U	1,100	4.27	7.0
MW-507	08/21/09	61.75	6.48	964.71	0.20	-46.15	279	297	0.250 U	2,300	6.04	7.0
MW-507	10/28/09	59.50	6.59	1,034.93	0.38	-20.79	350	302	0.250 U	280	3.39	2.0
MW-507	10/29/10	59.85	6.62	1,097.89	0.36	-66.97	347	243	0.250 U	59	1.67	1.5

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Table 3
 Summary of Groundwater Analytical Data
 Natural Attenuation Parameters
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date Sampled	Temperature (°F) ¹	pH ¹	Conductivity (µS/cm) ¹	DO (mg/L) ¹	ORP (mV) ¹	Total Alkalinity (mg/L as CaCO ₃) ²	Sulfate (mg/L) ³	Nitrate (mg/L) ³	Methane (µg/L) ⁴	Manganese (mg/L) ⁵	Ferrous Iron by Field Measurement (mg/L) ⁶
MW-507	12/16/11	54.20	6.65	843.34	0.21	113.30	307	314	0.250 U	150	1.4	0.8
MW-507	12/19/12	48.76	6.65	809.79	1.61	6.98	213	174	0.330	6.7	0.175	1.5
MW-507	12/19/13	53.46	6.55	1,087.97	0.08	-76.22	365	203	0.250 U	250	1.08	1.2
MW-507	12/11/14	53.84	6.62	863.67	3.13	-97.50	218	171	0.68	3 U	0.0288	0.1
MW-507	07/27/17	60.09	6.74	905.45	0.42	197.4	NA	142	0.250 U	22	0.746	1.75
MW-507 (Duplicate)	07/27/17	--	--	--	--	--	--	142	0.250 U	37	0.689	--
MW-508	10/24/08	58.26	6.80	1,614.86	0.09	-18.99	430	141	0.200 U	1,630 D	0.248	0.4
MW-508	12/11/08	53.93	6.52	750.26	0.12	79.75	209	205	0.66	641	1.38	0.2
MW-508	02/26/09	48.90	6.40	786.61	0.22	-210.79	212	243	0.560	1,300	0.963	0.0
MW-508	04/23/09	49.87	6.29	882.52	0.22	-116.34	177	267	0.78	350	0.942	0.4
MW-508	06/26/09	57.68	6.54	949.43	0.18	-79.16	216	274	0.250 U	6,100	1,010	0.0
MW-508	08/21/09	61.65	6.39	1,031.70	0.21	-269.40	304	364	0.640	5,900	0.467	0.0
MW-508	10/28/09	59.81	6.13	704.28	0.49	159.01	216	224	0.750	3,500	0.767	0.0
MW-508	10/28/10	60.58	6.25	740.35	1.00	-106.68	223	176	0.250 U	6,600	0.735	2.0
MW-508	12/15/11	54.52	6.41	723.53	0.01	-17.85	270	268	0.250 U	8,200	0.570	5.0
MW-508	12/19/12	54.39	6.18	554.34	0.11	4.78	228	188	0.290	5,900	0.696	4.0
MW-508	12/19/13	51.96	6.15	736.98	0.46	-70.89	246	171	0.250 U	2,600	0.395	4.0
MW-508	12/11/14	55.00	6.15	508.40	2.08	186.27	117	136	0.25 U	14	0.146	0.0
MW-508	07/27/17	63.35	6.49	596.45	0.12	-63.9	NA	2.3	0.250 U	6,800	1.040	6.5
MW-509	10/23/08	59.60	6.62	489.68	0.23	44.82	185	66	0.26	514	0.926	0.4
MW-509	12/11/08	50.47	6.83	445.56	1.34	113.25	90	66.2	1.92	52.5	0.45	0.4
MW-509	02/25/09	44.22	6.98	256.98	6.04	391.88	80.8	44.4	0.250 U	5 U	0.0127	0.2
MW-509	04/23/09	51.31	7.07	192.88	4.78	-52.52	74.8	40.6	0.250 U	10 U	0.0063	0.0
MW-509	06/25/09	64.34	6.98	321.70	0.12	-14.93	117	55.9	0.250 U	9	0.0996	0.5
MW-509	08/21/09	67.68	6.90	365.42	0.21	-268.87	129	38.9	0.250 U	120	0.365	0.5
MW-509	10/28/09	57.40	6.80	219.09	2.56	99.13	95.8	29.5	0.250 U	29	0.131	0.0
MW-509	10/28/10	59.45	6.71	387.07	0.40	68.41	128	43.5	0.250 U	20	0.113	0.4
MW-509	12/15/11	49.65	6.86	236.46	1.05	90	108	43.5	0.250 U	5 U	0.0413	0.0
MW-509	12/19/12	49.43	7.01	138.92	6.55	131.63	81.7	14.8	0.250 U	3 U	0.007	0.7
MW-509	12/19/13	49.66	6.79	225.92	0.62	144.66	184	50.4	0.250 U	240	0.222	0.0
MW-509	12/11/14	52.90	6.60	108.65	5.60	158.07	44.1	6	0.25 U	3 U	0.0168	0.1
MW-509	07/27/17	65.33	6.76	415.49	0.39	-3.6	NA	49.3	0.250 U	170	0.427	0.5
MW-510	10/23/08	57.02	6.60	942.28	0.16	-1.59	512	9.78	0.200 U	7,480 D	0.221	1.2
MW-510	12/11/08	52.98	6.60	795.47	0.28	-81.60	468	12	0.200 U	3,990 D	0.483	1.4
MW-510	02/26/09	47.88	6.42	873.63	0.10	-55.76	468	17	0.250 U	9,700	2.32	1.6
MW-510	04/27/09	50.18	6.44	851.95	0.17	-181.81	437	21.2	0.250 U	11,000	2.46	7.0
MW-510	06/24/09	58.28	6.64	918.04	0.14	-123.30	475	10.1	0.250 U	14,000	1.11	6.0
MW-510	08/20/09	62.64	6.60	937.57	0.06	-301.39	446	1.5 U	0.250 UW	15,000	0.698	6.0
MW-510	10/28/09											Not sampled due to the presence of LNAPL
MW-510	10/25/10											Not sampled due to the presence of LNAPL
MW-510	12/13/11											Not sampled due to the presence of LNAPL

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Table 3
 Summary of Groundwater Analytical Data
 Natural Attenuation Parameters
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date Sampled	Temperature (°F) ¹	pH ¹	Conductivity (µS/cm) ¹	DO (mg/L) ¹	ORP (mV) ¹	Total Alkalinity (mg/L as CaCO ₃) ²	Sulfate (mg/L) ³	Nitrate (mg/L) ³	Methane (µg/L) ⁴	Manganese (mg/L) ⁵	Ferrous Iron by Field Measurement (mg/L) ⁶
MW-510	12/19/12	49.07	6.33	409.20	0.68	-57.34	260	22.5	0.250 U	300	2.2	5.0
MW-510	12/18/13	55.02	6.17	464.10	0.01	-118.25	225	1.50 U	0.250 U	4,300	0.563	5.2
MW-510	12/10/14	51.81	6.98	245.35	8.38	174.53	92.4	8	0.25 U	3 U	0.0036	0.0
MW-510	07/26/17	60.13	6.33	496.18	0.08	-36.0	NA	1.5 U	0.250 U	6,100	0.936	8.0
MW-511	10/24/08	55.73	6.59	248.56	0.41	25.86	122	23.1	0.35	1.63	0.289	0.2
MW-511	12/12/08	51.90	6.44	235.10	1.84	122.09	110	25.2	0.94	1.2 U	0.446	0.2
MW-511	02/25/09	48.43	6.12	350.22	3.73	140.09	77.9	23.3	1.1	5 U	0.169	0.0
MW-511	04/21/09	49.64	6.23	240.99	4.34	143.96	77.3	30.4	0.93	5 U	0.0887	0.0
MW-511	06/24/09	54.46	6.27	213.52	2.87	178.32	87.1	27.2	0.94	6.4	0.0855	NA
MW-511	08/19/09	58.96	6.30	211.69	3.17	145.06	86.1	22.3	0.94	5.4	0.0573	0.5
MW-511	10/28/09	54.96	6.20	211.44	3.68	91.82	94.4	23.2	1.4	5 U	0.0439	0.0
MW-511	10/28/10	55.71	6.26	263.83	3.75	26.79	88.4	24.2	830	5 U	0.0046	0.1
MW-511	12/19/11	50.80	6.30	255.22	5.16	196.26	95.2	31.9	0.72	10 U	0.0015	0.0
MW-511	12/14/12	50.49	-18.06 [^]	399.71	4.93	1408.24	112	28.5	0.250 U	3.00 U	0.0026	0.5
MW-511	12/19/13	51.27	6.67	319.02	3.01	23.45	114	28.4	0.25 U	3 U	0.00073 U	NA
MW-511	12/10/14	53.78	6.47	376.51	2.53	160.12	122	30	0.25 U	3.2	0.0016	0.0
MW-511	07/27/17	55.41	6.20	300.62	1.78	148.0	NA	19.2	1.000	3.0 U	0.008	0.0
MW-512	10/23/08	60.03	6.54	396.67	-0.04	14.55	150	30.8	0.200 U	1,200 D	1.56	1.2
MW-512	12/11/08	53.48	6.58	480.74	0.01	-48.08	199	31.4	0.200 U	765	2.3	2.0
MW-512	02/25/09	47.91	6.59	441.66	0.64	-3.83	205	34.3	0.250 U	1,200	1.15	2.6
MW-512	04/21/09	51.96	7.05	460.06	0.37	-144.28	179	52.3	0.28	2,100	0.775	2.0
MW-512	06/24/09	61.82	6.65	368.86	0.38	-40.13	152	37	0.250 U	720	0.367	2.0
MW-512	08/19/09	66.20	6.55	346.88	0.23	-23.55	127	33.6	0.250 U	1,200	0.324	2.0
MW-512	10/27/09	59.92	6.66	369.90	2.04	-47.20	157	37.5	0.450	1,600	0.351	1.0
MW-512	10/28/10	59.67	6.72	444.53	0.88	-131.58	164	23.4	0.250 U	930	0.414	2.0
MW-512	12/15/11	51.70	6.90	306.64	0.02	-92.48	174	23.7	0.250 U	1,400	0.556	3.2
MW-512	12/17/12	52.54	6.87	508.74	0.59	-98.08	191	22.6	0.250 U	1,900	0.485	5.0
MW-512	12/18/13	52.11	6.78	291.10	0.13	-66.95	178	17.6	0.250 U	1,000	0.662	2.6
MW-512	12/11/14	53.99	6.89	568.20	6.52	-199.75	181	15	0.25 U	1700	0.635	0.1
MW-512	07/26/17	61.67	6.99	558.10	0.15	-95.0	NA	9.3	0.250 U	1,300	0.433	5.0
MW-513	10/23/08	58.08	6.78	405.45	-0.06	-63.03	182	19.3	0.200 U	523	2.09	2.0
MW-513	12/10/08	55.20	6.73	491.21	-0.06	-103.79	197	23.9	0.200 U	465	2.18	2.8
MW-513	02/25/09	49.12	6.76	342.53	0.10	-45.95	210	14.8	0.250 U	490	1.9	2.4
MW-513	04/22/09	50.10	6.81	342.40	0.12	-225.74	182	26.6	0.250 U	650	1.89	3.5
MW-513	06/24/09	59.64	6.82	321.78	0.09	-89.07	167	13.1	0.28	300	1.38	3.0
MW-513	08/20/09	62.58	6.73	343.96	0.11	-81.20	168	15.5	0.250 UW	320 P	1.38	2.8
MW-513	10/27/09	59.76	6.73	374.84	0.08	-96.67	178	24.3	0.250 U	550	1.8	4.0
MW-513	10/28/10	58.03	6.63	395.68	0.10	-103.39	164	11.2	0.250 U	690	1.36	3.8
MW-513	12/15/11	52.17	6.69	289.77	0.05	-60	156	16.7	0.250 U	370	1.28	3.1
MW-513	12/17/12	52.34	6.69	280.90	0.29	-82.64	159	10.4	0.250 U	920	1.17	4.1
MW-513	12/18/13	54.18	6.69	188.41	-0.01	-77.71	182	8.9	0.250 U	840	1.29	3.9

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Table 3
 Summary of Groundwater Analytical Data
 Natural Attenuation Parameters
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date Sampled	Temperature (°F) ¹	pH ¹	Conductivity (µS/cm) ¹	DO (mg/L) ¹	ORP (mV) ¹	Total Alkalinity (mg/L as CaCO ₃) ²	Sulfate (mg/L) ³	Nitrate (mg/L) ³	Methane (µg/L) ⁴	Manganese (mg/L) ⁵	Ferrous Iron by Field Measurement (mg/L) ⁶
MW-513	12/10/14	55.63	6.75	471.76	-0.01	-59.79	171	13	0.25 U	790	1.07	5.0
MW-513	07/25/17	62.95	6.47	469.48	0.11	7.6	NA	11.8	0.250 U	460	1.050	4.5
MW-514	10/23/08	59.15	6.81	368.79	-0.05	-69.84	182	17.4	0.23	200	1.62	2.2
MW-514	12/10/08	55.53	6.74	410.41	0.01	-105.01	191	29.2	0.200 U	428	2.89	2.8
MW-514	02/24/09	50.68	6.74	330.80	0.15	-84.41	189	21.5	0.250 U	680	2.07	2.2
MW-514	04/21/09	51.33	6.83	345.19	0.43	-150.08	176	28.5	0.250 U	710	1.93	4.0
MW-514	06/24/09	60.09	6.89	340.42	0.21	-133.74	167	17.8	0.31	400	1.54	3.0
MW-514	08/19/09	64.22	6.77	362.34	0.10	-88.48	153	12.7	0.250 U	580	1.47	4.0
MW-514	10/27/09	60.17	6.72	342.77	0.18	-90.96	169	13.8	0.250 U	690	1.67	4.0
MW-514	10/27/10	58.93	6.62	403.73	0.07	-128.19	160	19.2	0.250 U	210	1.94	4.2
MW-514	12/14/11	51.76	6.53	389.84	0.10	-0.09	152	19.3	0.250 U	340	1.69	3.0
MW-514	12/17/12	53.14	6.55	396.25	0.39	-101.68	162	20.4	0.250 U	390	1.510	4.0
MW-514	12/18/13	53.06	6.58	175.41	0.01	-56.60	155	16.9	0.250 U	420	1.68	2.4
MW-514	12/11/14	54.02	6.62	454.38	0.27	-226.67	151	17.1	0.25	360	1.47	2.0
MW-514	07/27/17	64.48	6.73	352.17	0.29	15.5	NA	11.1	0.250 U	620	0.330	0.5
MW-515	10/22/08	62.15	6.60	451.90	0.00	23.35	174	36.2	0.200 U	395	2.46	1.1
MW-515	12/10/08	53.51	6.66	444.71	0.03	73.86	131	78.2	0.56	12.7	1.32	0.0
MW-515	02/24/09	49.14	6.63	382.79	1.00	76.95	125	61.6	0.250 U	99	0.541	0.0
MW-515	04/22/09	49.78	6.86	288.96	1.29	-156.87	112	54.1	0.250 U	45	0.569	0.0
MW-515	06/24/09	62.81	6.64	514.96	0.11	29.36	185	55.6	0.250 U	510	1.43	0.5
MW-515	08/20/09	67.66	6.65	526.87	0.29	14.84	194	33	0.250 UW	410	1.56	0.2
MW-515	10/27/09	60.81	6.76	319.95	1.41	40.71	137	33	0.250 U	270	0.97	0.5
MW-515	10/27/10	61.29	6.76	334.75	1.35	-91.25	150	30.2	0.250 U	240	0.645	1.0
MW-515	12/14/11	50.52	6.90	278.52	0.05	40	145	50	0.250 U	86	0.419	0.0
MW-515	12/17/12	52.38	6.85	202.11	5.71	111.67	87.6	18.2	0.250 U	9.0	0.119	<1
MW-515	12/18/13	51.48	6.80	279.20	0.21	-68.34	140	24.4	0.250 U	36	0.188	0.8
MW-515	12/11/14	53.51	6.87	379.34	1.32	110.50	126	23	0.25 U	3 U	0.0811	0.1
MW-515	07/25/17	65.67	6.73	390.53	0.15	13.4	NA	20.1	0.250 U	330	0.318	0.5
MW-516	10/22/08	60.37	6.75	410.68	0.21	22.93	175	43.2	0.200 U	439	2.23	0.4
MW-516	12/10/08	53.18	6.64	391.95	0.03	54.04	149	57.6	0.33	22	1.58	0.0
MW-516	02/24/09	45.41	6.85	296.90	2.83	109.91	111	55.6	0.75	5.7	0.26	0.0
MW-516	04/22/09	49.82	6.86	290.47	3.59	-7.72	110	54.1	0.5	10 U	0.0591	1.0
MW-516	06/24/09	65.26	6.67	525.02	0.61	24.67	182	48.8	0.250 U	450	0.592	0.0
MW-516	08/20/09	68.95	6.68	474.28	0.83	42.34	184	25.7	0.250 UW	300 P	1.02	0.0
MW-516	10/27/09	60.04	6.69	339.91	1.48	38.92	149	34.4	0.250 U	25	0.831	0.0
MW-516	10/27/10	60.44	6.59	373.46	1.74	-27.12	142	31.4	0.250 U	26	0.386	0.1
MW-516	12/14/11	50.40	6.67	399.03	2.39	110	0.46 U	21.4	0.250 U	150	0.402	0.0
MW-516	12/17/12	49.35	7.26	127.11	10.16	91.17	62.6	3.6	0.250 U	3 U	0.0328	0.0
MW-516	12/18/13	51.00	6.75	249.92	0.45	-13.89	134	21.4	0.250 U	62	0.336	0.9
MW-516	12/11/14	53.36	6.85	279.66	3.54	94.10	111	13	0.25 U	7.1	.228	0.0
MW-516	07/25/17	66.21	6.72	330.69	0.90	51.9	NA	23.3	0.250 U	150	0.095	0.0

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Table 3
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 Natural Attenuation Parameters
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date Sampled	Temperature (°F) ¹	pH ¹	Conductivity (µS/cm) ¹	DO (mg/L) ¹	ORP (mV) ¹	Total Alkalinity (mg/L as CaCO ₃) ²	Sulfate (mg/L) ³	Nitrate (mg/L) ³	Methane (µg/L) ⁴	Manganese (mg/L) ⁵	Ferrous Iron by Field Measurement (mg/L) ⁶
MW-516 (Duplicate)	07/25/17	--	--	--	--	--	--	21.4	0.250 U	130	0.089	--
MW-517	10/22/08	59.72	6.52	361.40	0.10	15.95	156	39.3	0.200 U	1,080 D	3.17	0.6
MW-517	12/10/08	52.71	6.51	374.55	-0.04	63.88	161	47.4	0.200 U	394	1.81	0.0
MW-517	02/24/09	46.38	6.71	355.26	1.97	101.76	127	65.8	1.2	11	0.892	0.4
MW-517	04/22/09	50.90	6.70	348.44	1.21	-81.24	128	66.7	0.250 U	43	0.584	1.0
MW-517	06/24/09	64.49	6.72	463.93	0.61	-52.18	184	50.5	0.250 U	1,700	1.14	1.0
MW-517	08/20/09	67.06	6.60	437.32	0.33	7.39	184	20.6	0.250 UW	4,400	1.36	0.5
MW-517	10/27/09	60.36	6.66	355.06	0.41	15.34	148	41.9	0.250 U	99	1.09	1.5
MW-517	10/27/10	59.99	6.68	381.89	0.56	-12.51	145	35.3	0.250 U	270	0.641	0.5
MW-517	12/14/11	50.41	6.76	292.70	0.07	43.46	165	26	0.250 U	75	0.788	0.6
MW-517	12/17/12	50.94	7.19	184.80	9.90	73.30	101	8.6	0.250 U	12	0.0913	0.0
MW-517	12/18/13	50.64	6.71	273.51	0.24	-13.52	150	21.8	0.250 U	18	0.474	0.4
MW-517	12/11/14	52.76	6.89	308.53	5.90	77.27	124	15	0.25 U	4.4	0.687	0.1
MW-517	07/25/17	65.75	6.56	232.95	0.36	29.2	NA	11.8	0.250 U	520	0.338	0.5
MW-518	10/22/08	61.89	6.46	2,403.10	0.10	6.25	194	93.4	0.200 U	2,380 D	1.6	3.0
MW-518	12/10/08	56.07	6.64	590.16	0.08	22.59	247	32.5	0.200 U	1,920 D	2.22	1.6
MW-518	02/25/09	47.59	6.55	482.43	0.15	-9.02	209	61.1	0.250 U	2,900	1.99	2.2
MW-518	04/22/09	48.17	6.52	519.99	0.27	-182.35	163	63.6	0.6	3,100	1.48	2.0
MW-518	06/25/09	58.02	6.48	1,501.29	0.24	6.00	117	97.6	0.5	1,500	1.67	2.0
MW-518	08/20/09	65.80	6.49	2,674.51	0.12	-247.61	176	119	0.250 UW	4,500	1.5	3.0
MW-518	10/30/09	62.35	6.50	1,278.14	0.45	-46.31	224	51.6	0.250 U	4,000	1.57	4.0
MW-518	10/28/10	60.96	6.57	1,587.58	0.04	-116.69	200	70.4	0.250 U	3,500	1.38	8.0
MW-518	12/14/11	54.16	6.57	645.67	0.56	0.00	213	85.6	0.530	1,500	0.807	4.0
MW-518	12/17/12	54.97	6.60	676.38	1.03	-39.40	223	132	0.480	1400	0.484	0.7
MW-518	12/19/13	53.90	6.78	319.92	0.25	-40.51	198	7.4	0.250 U	3,700	0.64	1.8
MW-518	12/11/14	57.43	6.69	671.16	1.01	56.96	214	62	0.34	1900	0.35	0.1
MW-518	07/25/17	62.68	6.91	388.33	--	22.2	NA	32.5	0.250 U	500	0.181	0.25
MW-519	10/22/08	58.05	6.55	535.69	-0.02	-34.53	217	29.8	0.200 U	6,780 D	1.31	3.6
MW-519	12/09/08	53.23	6.64	610.07	0.11	-70.36	250	30	0.200 U	9,760 D	1.34	3.2
MW-519	02/24/09	46.76	6.65	405.26	0.10	-41.65	186	43.1	0.46	8,800	0.847	2.7
MW-519	04/21/09	51.87	6.63	478.38	0.13	638.95	255	21.5	0.250 U	14,000	1.22	2.7
MW-519	06/24/09	60.02	6.58	618.06	0.06	-67.35	290	9.7	0.25 U	13,000	1.15	5.0
MW-519	08/18/09	66.09	6.61	691.65	0.14	-57.02	258	36.7	0.250 U	14,000	1.16	2.5
MW-519	10/27/09	59.84	6.59	364.97	0.31	-72.83	124	49.6	0.250 U	6,400	0.61	2.0
MW-519	10/26/10	59.52	6.53	469.46	0.18	-61.26	170	71.6	0.250 U	3,900	0.473	4.2
MW-519	12/14/11	51.03	6.69	402.43	-0.01	-40	266	38.8	0.370	11,000	0.822	0.0
MW-519	12/17/12	50.40	6.73	300.97	2.09	47.42	145	54.6	0.310	1300	0.186	0.0
MW-519	12/17/13	50.70	6.66	464.83	-0.01	-50.27	253	17.9	0.250 U	12,000	0.814	3.0
MW-519	12/10/14	51.80	7.00	344.69	5.02	56.84	109	34	0.25 U	170	0.0374	0.1
MW-519	07/25/17	67.16	6.56	647.57	0.25	-36.3	NA	7.0	0.250 U	13,000	0.545	3.5
MW-520	10/21/08	59.76	6.79	944.21	0.02	-14.62	212	32	0.200 U	2,230 D	1.58	1.4

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Table 3
 Summary of Groundwater Analytical Data
 Natural Attenuation Parameters
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date Sampled	Temperature (°F) ¹	pH ¹	Conductivity (µS/cm) ¹	DO (mg/L) ¹	ORP (mV) ¹	Total Alkalinity (mg/L as CaCO ₃) ²	Sulfate (mg/L) ³	Nitrate (mg/L) ³	Methane (µg/L) ⁴	Manganese (mg/L) ⁵	Ferrous Iron by Field Measurement (mg/L) ⁶
MW-520	12/09/08	53.17	6.81	584.24	0.12	-89.46	189	28.7	0.200 U	2,240 D	1.48	1.4
MW-520	02/23/09	47.79	6.84	477.54	0.16	-57.60	187	22.1	0.250 U	2,500	1.18	1.6
MW-520	04/22/09	48.74	6.75	397.91	0.40	-161.40	162	33.6	0.250 U	2,200	746	2.0
MW-520	06/24/09	60.08	6.67	584.31	0.04	-54.65	202	19.3	0.250 U	4,900	1.46	3.0
MW-520	08/18/09	67.93	6.60	587.53	0.06	27.15	194	5.5	0.250 U	1,600	1.09	2.0
MW-520	10/27/09	60.06	6.50	483.54	0.09	9.18	153	33.6	0.250 U	1,100	1.03	1.0
MW-520	10/27/10	60.39	6.48	731.32	0.20	-82.10	201	16	0.250 U	1,600	1.46	1.8
MW-520	12/14/11	51.35	6.58	612.41	0.16	40	161	51	0.250 U	740	1.08	1.0
MW-520	12/14/12	52.50	6.75	303.23	0.07	-80.88	137	38.4	0.250 U	130	0.833	1.0
MW-520	12/17/13	52.02	6.69	489.30	0.14	-189.75	176	68.3	0.250 U	750	0.676	1.0
MW-520	12/10/14	54.54	7.11	472.05	3.86	125.06	95.6	84	0.25 U	53	0.0639	0.0
MW-520	07/25/17	65.71	6.74	786.68	0.15	183.5	NA	21.7	0.250 U	820	3.550	0.0
MW-521	10/21/08	59.50	6.57	818.08	-0.01	4.73	172	63.9	0.200 U	888	1.42	0.9
MW-521	12/09/08	53.28	6.77	555.86	0.38	-70.66	174	37.3	0.200 U	1,310	1.48	0.5
MW-521	02/23/09	46.76	6.78	408.37	0.11	-33.28	150	50.8	0.250 U	1,200	1.44	0.6
MW-521	04/21/09	52.18	6.65	282.87	0.33	643.50	105	43.5	0.250 U	66	0.587	0.2
MW-521	06/23/09	62.33	6.68	366.61	0.35	12.69	142	33.4	0.250 U	530	0.649	1.0
MW-521	08/19/09	66.65	6.54	504.12	0.14	-9.28	172	46.1	0.250 U	740	0.899	1.5
MW-521	10/26/09	60.51	6.71	701.29	0.15	-191.41	154	52.3	0.250 U	3,100	1.73	1.5
MW-521	10/27/10	59.20	6.50	541.24	0.18	-90.60	177	38.2	0.250 U	1,200	1.25	1.6
MW-521	12/14/11	45.43	7.11	220.14	11.97	90	145	143	0.250 U	200	1.04	1.4
MW-521	12/17/12	49.57	6.66	171.31	6.93	158.90	60.6	51.2	0.250 U	3.0 U	0.0157	0.5
MW-521	12/17/13	51.60	6.66	388.24	0.67	40.58	150	64.4	0.250 U	150	0.305	0.5
MW-521	12/10/14	51.76	7.20	227.11	6.97	-69.70	48.7	33	0.25 U	3 U	0.0065	0.1
MW-521	07/25/17	67.15	6.19	632.67	0.70	18.4	NA	21.6	0.250 U	310	0.620	1.25
MW-522	10/21/08	62.31	6.57	756.65	0.06	-47.72	251	18	0.200 U	972	1.7	5.2
MW-522	12/09/08	53.30	6.71	548.80	0.14	-98.92	200	73.9	0.200 U	297	1.07	5.2
MW-522	02/23/09	48.06	6.56	503.15	0.12	-50.16	171	108	0.250 U	260	1.16	4.6
MW-522	04/21/09	49.60	6.65	393.02	0.11	699.67	154	76.6	0.250 U	74	0.88	5.2
MW-522	06/23/09	59.64	6.61	442.11	0.05	-75.88	186	51	0.250 U	140	0.963	3.0
MW-522	08/18/09	68.79	6.61	621.20	0.07	-68.46	244	29.5	0.250 U	580	1.26	3.0
MW-522	10/26/09	61.92	6.43	1,166.69	0.09	-25.26	206	560	0.280	400	0.947	3.0
MW-522	10/26/10	59.92	6.30	4,979,442.00	0.43	-104.90	208	628	0.250 U	180	0.758	0.8
MW-522	12/14/12	53.35	6.54	552.82	0.04	-16.41	203	106	0.250 U	230	1.04	1.5
MW-522	12/14/12	50.74	7.06	545.49	6.53	138.56	163	264	0.250 U	3.0 U	0.0019	0.0
MW-522	12/17/13	54.67	6.54	591.41	0.09	-207.15	221	68.7	0.250 U	560	0.991	0.0
MW-522	12/10/14	52.72	7.08	802.18	5.09	183.44	157	196	0.25 U	3 U	0.00055 U	0.0
MW-522	07/25/17	58.45	6.45	451.80	--	102.4	NA	14.0	0.250 U	1,000	1.780	0.0
MW-523	10/21/08	61.66	6.66	870.33	0.01	24.73	221	45.7	0.200 U	1,940 D	3.28	0.8
MW-523	12/09/08	54.24	6.71	587.13	0.31	31.67	218	53.2	0.200 U	482	3.01	0.6
MW-523	02/23/09	47.46	6.67	420.64	0.41	98.18	164	70	0.250 U	31	1.12	0.0

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Table 3
 Summary of Groundwater Analytical Data
 Natural Attenuation Parameters
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date Sampled	Temperature (°F) ¹	pH ¹	Conductivity (µS/cm) ¹	DO (mg/L) ¹	ORP (mV) ¹	Total Alkalinity (mg/L as CaCO ₃) ²	Sulfate (mg/L) ³	Nitrate (mg/L) ³	Methane (µg/L) ⁴	Manganese (mg/L) ⁵	Ferrous Iron by Field Measurement (mg/L) ⁶
MW-523	04/21/09	49.53	6.76	353.07	0.35	-56.71	146	56.8	0.250 U	280	1.39	0.0
MW-523	06/23/09	62.92	6.77	437.56	2.42	141.87	164	42.4	0.250 U	5 U	0.593	0.0
MW-523	08/18/09	68.16	6.64	614.62	0.16	53.81	199	21	0.250 U	1,600	1.38	0.0
MW-523	10/26/09	62.44	6.65	720.56	0.28	62.64	248	46.5	0.250 U	420	2.95	1.0
MW-523	10/26/10	60.60	6.57	815.65	0.58	31.43	220	102	0.250 U	400	1.15	1.0
MW-523	12/13/11	53.06	6.64	599.47	0.29	70	224	44.2	0.400	72	1.31	0.8
MW-523	12/14/12	53.57	6.71	372.50	6.84	217.62	146	87.2	0.250 U	5.4	0.0707	NA
MW-523	12/17/13	52.41	6.59	385.69	0.31	-195.99	183	49.9	0.250 U	25	0.47	0.0
MW-523	12/10/14	54.18	6.58	620.59	2.77	-20.73	192	63	0.390	3 U	0.008	0.0
MW-524	10/21/08	60.03	6.46	965.29	-0.04	16.91	115	402	0.34	51	0.623	1.6
MW-524	12/09/08	52.74	6.58	421.64	2.81	154.94	70.6	172	0.62	2.1	0.0353	0.0
MW-524	02/23/09	47.66	6.62	337.04	2.35	118.32	76.5	141	0.48	6.2	0.0159	0.2
MW-524	04/21/09	48.81	6.60	309.12	4.93	68.52	73.2	119	0.250 U	12	0.0308	0.0
MW-524	06/23/09	59.55	6.59	374.54	0.55	139.04	86	121	0.250 U	5 U	0.0235	0.0
MW-524	08/18/09	65.03	6.49	468.64	0.50	108.31	104	154	0.250 U	7.9	0.0537	0.0
MW-524	10/26/09	59.41	6.27	685.50	0.66	259.84	38	410	0.450	5 U	0.0106	1.0
MW-524	10/26/10	59.22	6.45	1,908,568.00	4.24	131.09	52.6	225	0.260	5 U	0.84	0.4
MW-524	12/13/11	48.68	6.60	287.04	4.27	200	44.4	200	0.550 U	5 U	0.0048	0.0
MW-524	12/14/12	49.55	6.54	159.72	8.71	245.64	59.3	50.5	0.250 U	3.0 U	0.00048	1.0
MW-524	12/17/13	52.89	6.66	327.49	1.68	228.79	69.9	137	0.250 U	3.0 U	0.0031	0.0
MW-524	12/09/14	54.12	6.63	263.18	4.54	233.36	60.0	63	0.250 U	3 U	0.001 U	0.0
MW-525	12/14/12	55.41	6.42	485.07	0.10	-160.05	243	4.9	0.250 U	5,100	2.25	6.0
MW-525	12/17/13	53.85	6.37	274.47	0.01	-106.94	165	4.5	0.250 U	1,800	0.96	1.0
MW-525	12/09/14	56.56	6.41	550.92	0.09	-131.07	240	4	0.25 U	8900	2.86	>10
MW-525	07/26/17	60.26	6.53	353.07	0.11	-66.6	NA	5.9	0.250 U	6,700	0.705	6.5
MW-526	12/14/12	53.11	6.38	765.25	0.02	-58.05	340	27.5	0.250 U	950	1.36	3.0
MW-526	12/18/13	51.73	6.44	716.30	0.02	-91.82	332	1.5 U	0.250 U	1,500	1.34	1.0
MW-526	12/10/14	54.56	6.64	783.77	0.19	-278.66	293	3	0.25 U	1500	1.53	>10
MW-526	07/26/17	64.69	6.50	383.76	0.04	-19.3	NA	1.5 U	0.250 U	2,100	1.060	6.75
MW-527	12/19/12	48.18	6.60	356.45	3.32	-29.37	206	12.6	0.250 U	24	0.56	0.3
MW-527	12/20/13	48.37	6.45	994.66	0.16	107.81	849	9.8	0.250 U	20,000	15.30	5.0
MW-527	12/12/14	51.72	6.61	401.96	1.25	23.20	251	14	0.250 U	2300	2.280	3.0
MW-528	12/19/12	50.69	6.55	628.52	0.72	-13.19	433	32.4	0.250 U	5,400	9.27	4.0
MW-528	12/20/13	50.42	6.56	1034.89	0.03	-35.07	517	22.7	0.250 U	11,000	18.50	6.8
MW-528	12/12/14	53.69	6.67	785.71	0.07	-54.36	398	22	0.250 U	7000	11.400	6.0
MW-529	12/17/12	49.88	6.83	13407.29	0.02	-201.83	262	803.0	0.250 U	1,200	0.49	0.0
MW-529	12/18/13	47.68	6.72	23665.38	-0.01	-203.12	171	1000.0	0.250 U	750	0.52	0.8
MW-529	12/09/14	53.13	6.87	15,913.73	0.01	-272.61	285	769	0.25 U	1100	0.306	0.1
MW-529	07/27/17	63.65	6.73	30,169	--	--	NA	1,410	0.250 U	59	0.584	3.5
MW-530	12/17/12	47.82	6.66	26642.38	0.14	-189.47	140	1290.0	0.250 U	16	0.20	0.3
MW-530	12/18/13	47.60	6.83	17872.35	0.07	-230.02	141	1080.0	0.250 U	130	0.21	0.5

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Table 3
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 Natural Attenuation Parameters
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date Sampled	Temperature (°F) ¹	pH ¹	Conductivity (µS/cm) ¹	DO (mg/L) ¹	ORP (mV) ¹	Total Alkalinity (mg/L as CaCO ₃) ²	Sulfate (mg/L) ³	Nitrate (mg/L) ³	Methane (µg/L) ⁴	Manganese (mg/L) ⁵	Ferrous Iron by Field Measurement (mg/L) ⁶
MW-530	12/09/14	51.28	7.05	23,463.17	-0.02	-215.89	131	935	0.25 U	20	0.187	0.1
MW-530	07/26/17	61.35	6.41	27,495	0.21	-142.2	NA	1,480	0.250 U	44	0.194	0.0
MW-531	12/18/12	47.22	6.72	408.24	0.98	-4.57	176	130.0	0.510	120	0.08	0.7
MW-531	12/17/13	52.70	6.46	313.43	0.05	-58.89	172	6.1	0.250 U	1,100	0.60	0.3
MW-531	12/09/14	51.09	6.49	292.36	0.06	-8.26	107	33	0.25 U	1200	0.115	0.6
MW-531	07/26/17	61.39	6.56	254.24	--	-3.0	NA	1.5 U	0.250 U	3,300	0.532	3.25
MW-532	12/14/12	53.44	6.35	259.66	0.04	-92.42	113	39.3	0.250 U	220	0.24	1.0
MW-532	12/17/13	53.07	6.20	252.35	0.02	-60.71	105	36.1	0.250 U	210	0.13	0.2
MW-532	12/09/14	54.89	6.34	242.53	0.12	-99.77	112	27	0.25 U	730	0.329	2.5
MW-532	07/26/17	60.82	6.29	373.47	0.07	-62.9	NA	1.5 U	0.250 U	2,500	0.825	7.0
MW-8R	10/21/08	61.34	6.65	860.34	-0.02	-100.66	217	50.6	0.200 U	304	1.49	1.2
MW-8R	12/09/08	54.32	6.83	494.30	0.40	-132.57	180	58.1	0.200 U	299	0.664	1.2
MW-8R	02/23/09	47.03	6.75	426.42	0.42	-23.66	155	69.9	0.250 U	210	0.682	1.0
MW-8R	04/21/09	49.17	6.81	309.61	0.54	-167.35	134	47.5	0.250 U	21	0.375	0.0
MW-8R	06/23/09	61.01	6.69	404.48	0.22	17.20	168	45.7	0.250 U	100	0.719	2.0
MW-8R	08/18/09	68.36	6.55	568.94	0.11	-5.74	208	40.6	0.250 U	240	0.945	1.0
MW-8R	10/26/09	62.15	6.73	1,126.47	3.00	201.58	138	503	0.380	120	0.418	0.5
MW-8R	10/26/10	60.46	6.68	1,272.61	3.23	-24.65	223	376	0.250 U	220	0.497	1.0
MW-8R	12/14/11	52.84	6.57	663.65	0.75	-10.00	185	70.9	0.250 U	150	0.780	0.2
MW-8R	12/14/12	53.45	6.88	476.09	8.02	219.79	155	163	0.250 U	3.0 U	0.0061	1.0
MW-8R	12/17/13	54.35	6.66	470.98	0.43	-183.41	187	37.4	0.250 U	62	0.229	0.2
MW-8R	12/10/14	56.31	6.97	604.21	6.50	214.86	150	84	0.25 U	3 U	0.0206	0.0
MW-8R	07/25/17	63.08	6.29	428.73	0.78	129.8	NA	20.6	0.250 U	110	0.085	0.0
MW-E	07/26/17	59.72	6.68	1,317.2	0.07	-96.6	NA	42.3	0.250 U	6,200	3.800	7.0

Notes:

¹: Temperature, pH, DO, conductivity and ORP measured using an In-Situ® 9500 and flow through cell.

²: Total Alkalinity analyzed using EPA method 310.1

³: Sulfate and nitrate analyzed by EPA method 300.0.

⁴: Methane analyzed using method RSK 175.

⁵: Manganese analyzed using EPA method 6020.

⁶: Ferrous iron field measurement analyzed using a Hach field kit.

°F = Degrees Fahrenheit

µS/cm = microsiemens per centimeter

DO = Dissolved oxygen

mg/L = milligrams per liter

µg/L = micrograms per liter

ORP = Oxidation-reduction potential

mV = millivolts

CaCO₃ = Calcium carbonate

EPA = Environmental Protection Agency

NA = Not Analyzed

^ = Measurement error.

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Table 3
 Summary of Groundwater Analytical Data
 Natural Attenuation Parameters
 Former Unocal Terminal
 11720 Unoco Road
 Edmonds, Washington

Monitoring Well	Date Sampled	Temperature (°F) ¹	pH ¹	Conductivity (µS/cm) ¹	DO (mg/L) ¹	ORP (mV) ¹	Total Alkalinity (mg/L as CaCO ₃) ²	Sulfate (mg/L) ³	Nitrate (mg/L) ³	Methane (µg/L) ⁴	Manganese (mg/L) ⁵	Ferrous Iron by Field Measurement (mg/L) ⁶
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Lab Qualifiers

Definition

- D Sample required dilution due to high concentrations of target analyte.
- 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.
- W The analysis holding time was not met.
- P Due to interfering peaks on the chromatogram, the value reported for methane represents the lowest reporting limit attainable.