



ENVIRONMENTAL RESOLUTIONS, INC.

MOBIL 99-NWA former
Seattle

LUST 3691

September 22, 2006
ERI 31161.13.Q063

Mr. Joe Hickey
Washington State Department of Ecology
Northwest Regional Office
3190 160th Avenue Southeast
Bellevue, Washington 98008-5452

Subject: Former Exxon RAS 99-NWA/3227 Northeast 145th Street, Seattle, Washington

RECEIVED

OCT 19 2006

Dear Mr. Hickey:

DEPT OF ECOLOGY

On behalf of ExxonMobil Oil Corporation (ExxonMobil), Environmental Resolutions, Inc. (ERI) has prepared the enclosed ExxonMobil Groundwater Monitoring Report presenting results of groundwater sampling conducted on August 11, 2006 at the site referenced above.

Please contact our office at (206) 575-6220 or Timothy M. Strawn, PG, CHG, LHG at ExxonMobil at (425) 837-3712 with any questions.

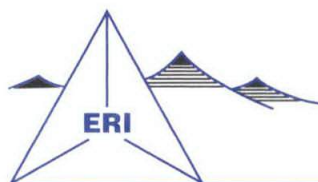
Sincerely,

Paul Webber, P.E.
Senior Project Manager

Attachment: ERI's ExxonMobil Groundwater Monitoring Report, Third Quarter 2005, dated September 22, 2006

cc: w/ attachment
Mr. H.S. Kihurana, Maharaja Motors
Mr. Timothy M. Strawn, PG, CHG, LHG, ExxonMobil Oil Corporation





ENVIRONMENTAL RESOLUTIONS, INC.

September 22, 2006

**EXXONMOBIL OIL CORPORATION
GROUNDWATER MONITORING REPORT**

Site No.: 99-NWA Address: 3227 Northeast 145th Street, Seattle, Washington
ExxonMobil Project Manager: Timothy M. Strawn
Consultant/Contact Person: Environmental Resolutions, Inc./Stephen M. Dailey
Primary Agency/Regulatory ID No.: Washington State Department of Ecology

WORK PERFORMED THIS QUARTER(S) [Third - 2006]:

- Monitored, purged, and sampled 7 groundwater monitoring wells.

WORK PROPOSED FOR NEXT QUARTER [First - 2007]:

- Monitor, purge, and sample 7 groundwater monitoring wells

SUMMARY:

Frequency of Sampling Events:	<u>Semiannually</u>	(Quarterly, etc.)
Approximate Depth to Groundwater:	<u>6 to 11 feet</u>	(Measured Feet)
Groundwater Gradient:	<u>Westerly and Northerly</u>	(Direction)
	<u>0.03 ft/ft</u>	(Magnitude)
Maximum TPH-G/Benzene Concentrations:	<u>10,000/1,770</u>	(ppb)
Measurable Free Product Detected:	<u>No</u>	(Yes – ID well(s)/No)
Free Product Recovered This Quarter:	<u>No</u>	(gallons)
Cumulative Free Product Recovered to	<u>None</u>	(gallons)
Bulk Soil Removed This Quarter:	<u>None</u>	(cubic yards)
Water Wells or Surface Waters w/in 2,000 ft:	<u>Wells: Acacia Memorial Park - 2 irrigation wells; Surface Water: Lake Washington</u>	
Radius and Respective Direction:	<u>Wells: 1,900 ft N; Lake: 2,000 ft E</u>	(Distance & Direction)
Current Remedial Action:	<u>None</u>	(SVE/AS/P&T, etc.)
Permits for Discharge:	<u>None</u>	(NPDES, POTW, etc.)

DISCUSSION:

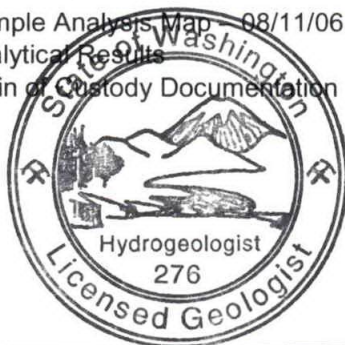
- 4 of 7 wells sampled contained petroleum hydrocarbon concentrations exceeding MTCA Method A Cleanup levels

ATTACHMENTS:

- Plate 1: Groundwater Sample Analysis Map 08/11/06
- Table 1: Groundwater Analytical Results
- Laboratory Report and Chain of Custody Documentation
- Field Data Records

Prepared By:

Patrick J. Paulett
Environmental Technician

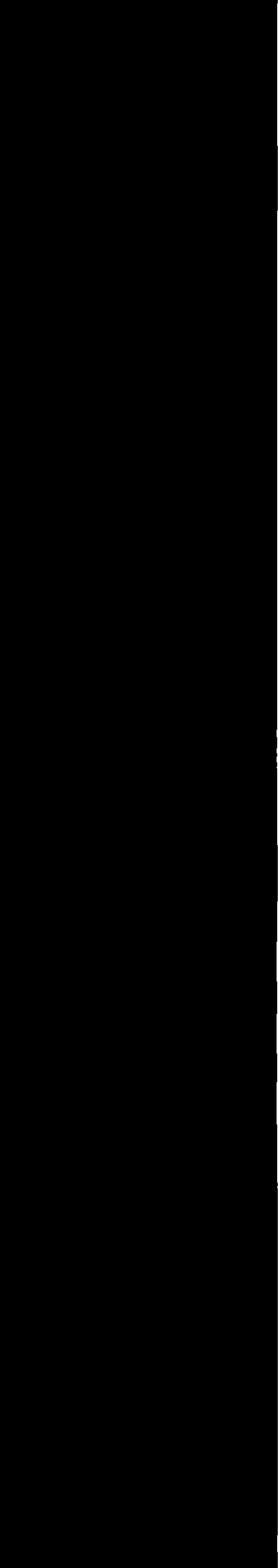


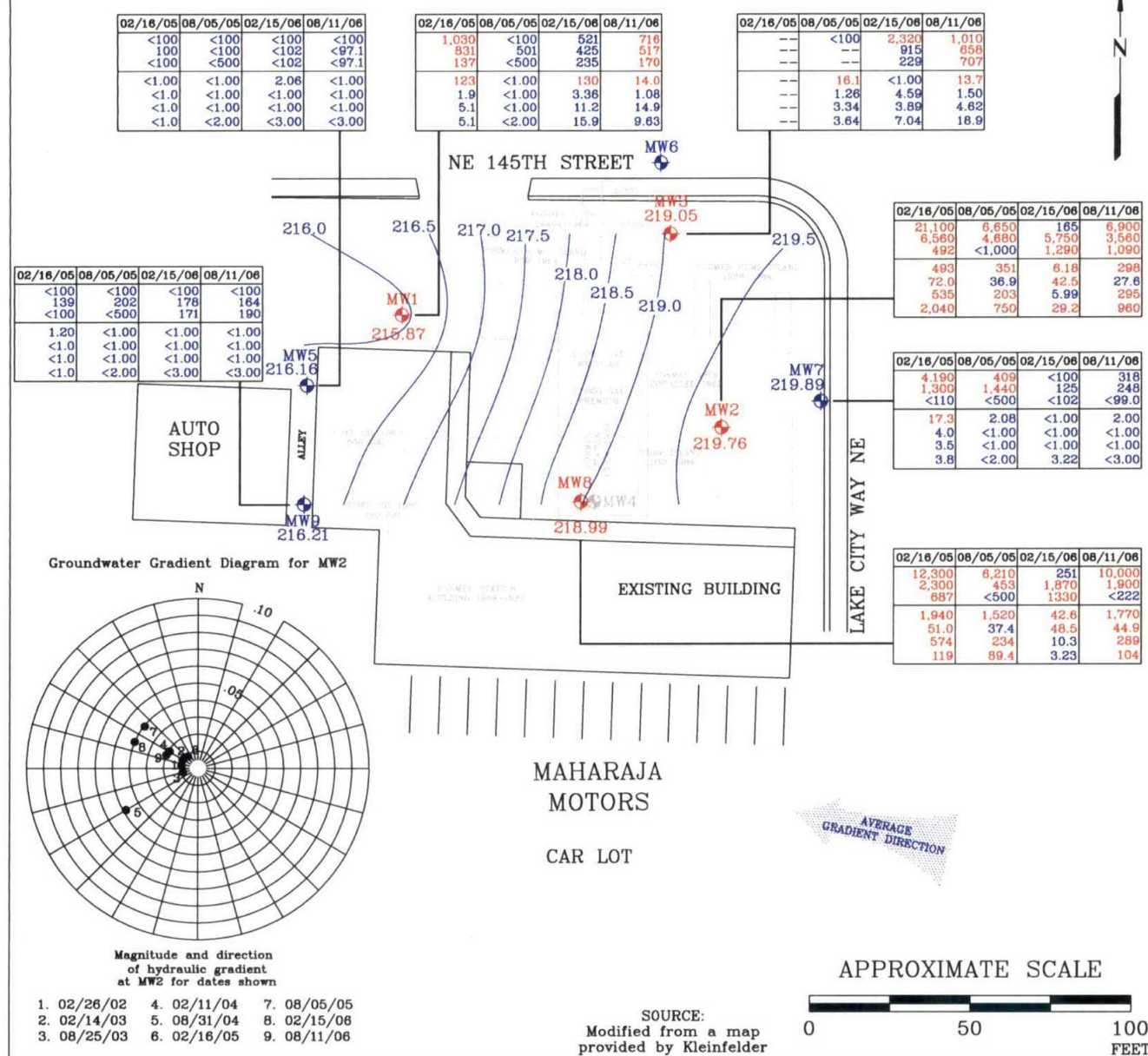
JOHN K. MEYER

Reviewed by:

John K. Meyer, R.G., L.H.G.
Branch Manager

31161.13.Q063





FN 311610002_QM

EXPLANATION

- MW9 Groundwater Monitoring Well
- 216.21 Groundwater Elevation
- MW4 Destroyed Groundwater Monitoring Well

Laboratory Results in ug/L (ppb)

08/11/06	Sample Date
10,000	Total Petroleum Hydrocarbons as Gasoline
1,900	Total Petroleum Hydrocarbons as Diesel
<222	Total Petroleum Hydrocarbons as Oil
1,770	Benzene
44.9	Toluene
289	Ethylbenzene
104	Total Xylenes

- Numbers or Symbols in Red exceed MTCA Method A Cleanup Levels
- Numbers or Symbols in Blue below MTCA Method A Cleanup Levels
- No Data Available for Numbers or Symbols in Black



**GROUNDWATER SAMPLE
ANALYSIS MAP - 08/11/06**
FORMER MOBIL STATION 99-NWA
3227 Northeast 145th Street
Seattle, Washington

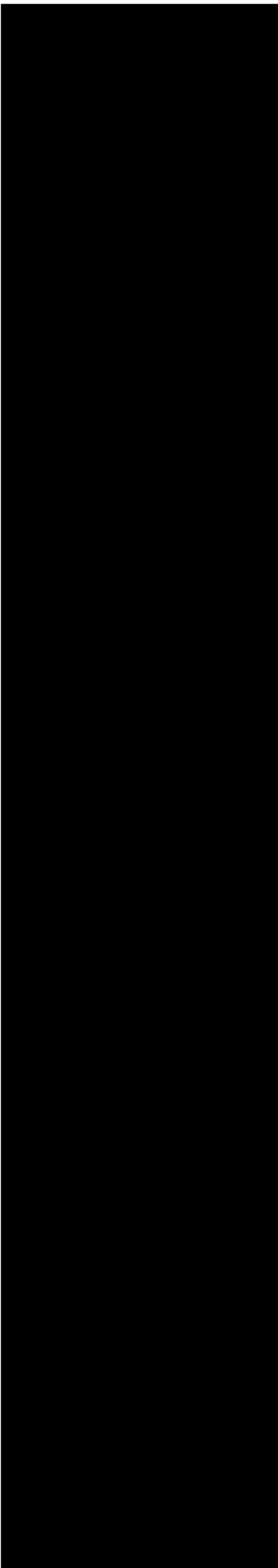
PROJECT NO.

31161

PLATE

1

ASG: 09/06/06



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TABLE 1
GROUNDWATER ANALYTICAL RESULTS
Former Mobil Station 99-NWA
3227 Northeast 145th Street
Seattle, Washington
Page 1 of 3

Well Name	Sample Date	DTW	GW Elev.	TPH-G	TPH-D	TPH-O	B	T	E	X	Total Pb	MTBE
MW1 226.55	09/26/92	NM	-	3,100	-	-	840	7	230	90	30	-
	11/18/94	7.30	219.25	1,900	380	-	4.5	4.3	88	90	150	-
	12/16/96	8.53	218.02	2,680	516	-	59.9	<10	290	54	-	-
	12/13/97	8.90	217.66	5,000	<250	<500	14.9	2.86	21.2	<2.0	1.1	-
	12/17/98	8.56	217.99	860	-	-	2	3	37	4	-	-
	08/16/00	10.50	216.05	630	560	450	4.7	2	3.3	7	38.5	-
	11/13/00	10.61	215.94	720	490	400	14	1.4	6.2	4	13.5	-
	07/31/01	10.60	215.95	<48	660	<400	<0.20	<0.20	<0.20	<0.60	-	-
	10/22/01	10.97	215.58	720	520	640	120	1.3	1.4	5.0	-	-
	02/26/02	9.15	217.40	1,970	1,170	700	136	2.40	46.3	27.6	-	16.2
	02/14/03	9.48	217.07	803	180	<143	51.8	2.9	9.9	10.1	-	-
	08/25/03	11.51	215.04	1,200	726	250	35.5	1.6	1.1	7.3	-	-
	02/11/04	9.29	217.26	706	199	<125	44.1	1.3	7.9	6.7	-	-
	08/31/04	11.27	215.28	745	370	175	20.1	1.9	<1.0	2.8	-	-
	02/16/05	9.80	216.75	1,030	831	137	123	1.9	5.1	5.1	-	-
	08/05/05	11.11	215.44	<100	501	<500	<1.00	<1.00	<1.00	<2.00	-	-
	02/15/06	9.06	217.49	521	425	235	130	3.36	11.2	15.9	-	-
	08/11/06	10.68	215.87	716	517	170	14.0	1.08	14.9	9.63	-	-
MW2 226.01	09/26/92	NM	-	140,000	-	-	710.0	3,500	3,800	23,000	19	-
	11/18/94	5.92	220.09	75,000	4,300	-	780.0	720	2,100	12,000	410	-
	12/16/96	5.51	220.50	55,100	2,450	-	387.0	216	1,310	6,500	-	-
	12/13/97	8.49	217.52	<80.0	<250	<500	<0.5	<0.5	<0.5	<1.0	<1.0	-
	12/17/98	8.34	217.67	-	-	-	-	-	-	-	-	-
	08/16/00	9.50	216.51	13,000	1,800	<4,000	170.0	37.0	350.0	1,700	226.0	-
	11/13/00	6.65	219.36	15,000	2,200	<2,000	190	42	420	1,700	216	-
	07/31/01	6.65	219.36	21,000	3,300	1,600	600	83	950	2,600	-	-
	10/22/01	7.00	219.01	24,000	3,000	2,000	480	60	1,000	2,400	-	-
	02/26/02	5.11	220.90	13,400	7,540	<1,000	336	49.0	1,050	2,320	-	24.0
	02/14/03	5.65	220.36	20,800	7,660	2,340	363	47.8	879	1,990	-	-
	08/25/03	7.50	218.51	23,300	4,640	276	613	50.0	921	1,650	-	-
	02/11/04	5.21	220.80	18,600	6,590	<714	428	80.0	1,010	2,530	-	-
	08/31/04	6.90	219.11	8,930	6,650	<500	279	24.4	303	664	-	-
	02/16/05	6.00	220.01	21,100	6,560	492	493	72.0	535	2,040	-	-
	08/05/05	6.77	219.24	5,650	4,660	<1,000	351	36.9	203	760	-	-
	02/15/06	4.31	221.70	165	5,750	1,290	6.18	42.5	5.99	29.2	-	-
	08/11/06	6.25	219.76	6,900	3,560	1,090	298	27.6	295	960	-	-
MW3 226.35	09/26/92	NM	-	16,000	-	-	42	10	980	430	10	-
	11/18/94	6.28	220.07	4,500	4,300	-	38	17	50	200	60	-
	12/17/96	5.89	220.46	3,960	972	-	20.2	1.3	15.9	4.12	-	-
	12/13/97	7.88	218.47	153	<250	<500	1.14	<0.5	0.869	<1.0	<1.0	-
	12/17/98	7.98	218.37	680	-	-	2	2	11	1.4	-	-
	08/16/00	8.70	217.65	770	220	260	3.4	1.2	5.7	1.9	2.4	-
	11/13/00	4.00	222.35	1,500	470	430	5.1	2	11	11	30.1	-
	07/31/01	8.07	218.28	1,700	400	<200	7.6	<5.0	9.2	7.7	-	-
	10/22/01	7.20	219.15	1,800	1,400	920	4.3	<1.0	5.9	2.9	-	-
	02/26/02	5.59	220.76	1,750	1,280	<200	15.2	3.90	7.70	6.30	-	11.8
	02/14/03	6.43	219.92	2,180	1,180	<267	6.5	2.2	9.1	18.5	-	-
	08/25/03	7.89	218.46	1,460	404	130	12.1	2.7	2.6	3.0	-	-
	02/11/04	5.87	220.48	2,500	800	<125	6.10	3.1	4.0	5.3	-	-
	08/31/04	7.15	219.20	1,030	681	584	9.00	4.7	2.0	7.9	-	-
	02/16/05	Obstructed by vehicle	-	-	-	-	-	-	-	-	-	-
	08/05/05	7.38	218.97	<100	-	-	16.1	1.26	3.34	3.64	-	-
	02/15/06	5.52	220.83	2,320	915	229	<1.00	4.59	3.89	7.04	-	-
	08/11/06	7.30	219.05	1,010	858	707	13.7	1.50	4.62	18.9	-	-
MW4 226.34	09/26/92	NM	-	33,000	-	-	400	670	2,100	3,200	11	-
	09/26/92*	NM	-	27,000	-	-	420	720	2,200	3,300	7.9	-
	11/18/94	6.78	219.56	8,600	2,000	-	840	290	1,000	530	11	-
	12/17/96	6.31	220.03	6,350	1,950	-	732	359	494	700	-	-
	12/13/97	NM	-	-	-	-	-	-	-	-	-	-
Destroyed 06/19/00, drilled MW8 as replacement												

MTCA Method A Cleanup Levels 1,000* 5 40 30 20 5 20
Continued on page 2

TABLE 1
GROUNDWATER ANALYTICAL RESULTS
Former Mobil Station 99-NWA
3227 Northeast 145th Street
Seattle, Washington
Page 2 of 3

Well Name	Sample Date	DTW	GW Elev.	TPH-G	TPH-D	TPH-O	B	T	E	X	Total Pb	MTBE
MW5 225.16	09/26/92	NM	—	<50	—	—	<0.5	<0.5	<0.5	<1.0	<2.0	—
	11/18/94	5.38	219.78	<50	<50	—	<0.5	<0.5	<0.5	<0.5	7.4	—
	12/16/96	6.83	218.33	<50	<250	—	<0.5	<0.5	1.63	14.7	—	—
	12/13/97	7.46	217.70	18,800	<250	922	33.4	21	26.4	2,110	7.6	—
	12/17/98	8.17	216.99	<48	—	—	<0.2	<0.2	<0.2	<0.6	—	—
	08/16/00	8.82	216.34	<48	96	<200	<0.20	<0.20	<0.20	<0.60	17.8	—
	11/13/00	9.05	216.11	<48	<80	<200	0.54	0.44	0.47	0.94	33.3	—
	07/31/01	8.90	216.26	<48	<80	<200	<0.20	<0.20	<0.20	<0.60	—	—
	10/22/01	NM	—	—	—	—	—	—	—	—	—	—
	02/26/02	Obstructed	—	—	—	—	—	—	—	—	—	—
MW6 224.71	02/14/03	8.04	217.12	186	<143	<143	5.8	1.0	9.7	16.2	—	—
	08/25/03	9.75	215.41	<100	<111	<111	<1.00	<1.0	<1.0	<1.0	<1.0	—
	02/11/04	7.77	217.39	<100	<125	<125	<1.00	<1.0	<1.0	<1.0	<1.0	—
	08/31/04	9.55	215.61	<100	135	<100	<1.00	<1.0	<1.0	<1.0	<1.0	—
	02/16/05	7.65	217.51	<100	100	<100	<1.00	<1.00	<1.0	<1.0	<1.0	—
	08/05/05	9.28	215.88	<100	<100	<500	<1.00	<1.00	<1.00	<2.00	<3.00	—
	02/15/06	7.59	217.57	<100	<102	<102	2.06	<1.00	<1.00	<3.00	<3.00	—
	08/11/06	9.00	216.16	<100	<97.1	<97.1	<1.00	<1.00	<1.00	<3.00	<3.00	—
	09/26/92	NM	—	630	—	—	<0.5	2.8	9.3	62	17	—
	11/18/94	6.02	218.69	<50	300	—	<0.5	<0.5	<0.5	<0.5	9.6	—
MW7 225.58	12/17/96	5.80	218.91	85	757	—	<0.5	<0.5	<0.5	<1.0	—	—
	12/13/97	NM	—	—	—	—	<0.5	<0.5	<0.5	<1.0	—	—
	12/17/98	5.78	218.93	83	—	—	<0.2	0.3	<0.2	<0.6	—	—
	08/16/00	NM	—	—	—	—	—	—	—	—	—	—
	Covered by new asphalt on Northeast 145th Street											
	09/26/92	NM	—	15,000	—	—	<0.5	2.8	23	12	8.7	—
	11/18/94	4.56	221.02	8,800	920	—	12	66	49	61	<2.0	—
	12/17/96	4.49	221.09	1,230	933	—	0.862	1.54	9.32	<1.0	<1.0	—
	12/13/97	5.20	220.38	236	<250	<500	5.05	0.835	5.36	2.6	<1.0	—
	12/17/98	5.15	220.43	780	—	—	<0.2	4	4	<0.6	—	—
MW8 226.34	08/16/00	6.70	218.88	1,500	150	210	0.82	3	1.4	<0.60	31.4	—
	11/13/00	5.15	220.43	2,400	1,100	1,200	<1.0	3.4	8.4	10	32.6	—
	07/31/01	5.31	220.27	2,205	440	<200	<1.0	<5.0	<0.20	<0.80	—	—
	10/22/01	5.37	220.21	3,300	610	<250	<2.0	5.6	3.2	<2.0	—	—
	02/26/02	7.21	218.37	2,590	1,150	<111	10.0	1.2	7.1	10.7	—	—
	02/14/03	4.80	220.78	3,580	1,810	<111	6.40	2.1	1.5	<1.0	—	—
	08/25/03	6.15	219.43	1,820	344	<125	<1.00	5.1	3.9	5.8	—	—
	02/11/04	4.34	221.24	2,640	1,520	100	8.90	2.6	3.2	4.8	—	—
	08/31/04	5.30	220.28	1,810	1,080	<110	17.3	4.0	3.5	3.8	—	—
	02/16/05	4.82	220.76	4,190	1,300	<500	2.08	<1.00	<1.00	<2.00	—	—
MW8 226.34	08/05/05	5.65	219.93	409	1,440	<100	125	<102	<1.00	<1.00	<3.22	—
	02/15/06	NM	—	—	—	—	<100	<1.00	<1.00	<3.22	<3.00	—
	08/11/06	5.69	219.89	318	248	<89.0	2.00	<1.00	<1.00	<3.00	<3.00	—
	Drilled 08/19/00 to replace MW4.											
	08/16/00	7.54	218.80	51,000	2,280	2,000	1,300	1,500	2,900	10,000	68.6	—
	11/13/00	7.50	218.84	49,000	2,590	<2,000	1,500	830	2,600	8,900	24.9	—
	07/31/01	7.40	218.94	35,000	1,800	1,100	1,800	290	2,200	5,400	—	—
	10/22/01	7.90	218.44	42,000	1,600	<1,200	1,700	220	2,900	5,700	—	—
	02/26/02	5.86	220.48	23,900	3,310	1,180	2,010	156	1,950	3,700	—	—
	02/14/03	6.55	218.79	17,200	3,130	<1,430	1,390	50.0	1,160	1,200	—	—
MW8 226.34	08/25/03	8.08	218.26	16,500	1,340	<118	1,700	60.0	1,020	320	—	—
	02/11/04	6.06	220.28	13,500	3,300	285	1,350	41.9	765	454	—	—
	08/31/04	Obstructed by vehicle	—	—	—	—	—	—	—	—	—	—
	02/16/05	6.80	219.74	12,300	2,300	687	1,340	351.0	574	119	—	—
	08/05/05	7.46	218.89	5,210	453	<500	1,520	37.4	234	89.4	—	—
	02/15/06	5.15	221.19	251	1,870	1,330	42.6	46.5	10.3	3.23	—	—
	08/11/06	7.35	218.99	18,000	1,900	<222	1,370	44.9	283	104	—	—
	MTCA Method A Cleanup Levels											
				1,000 ^a			5	40	30	20	5	20

Continued on Page 3

TABLE 1
GROUNDWATER ANALYTICAL RESULTS
Former Mobil Station 99-NWA
3227 Northeast 145th Street
Seattle, Washington
Page 3 of 3

Well Name	Sample Date	DTW	GW Elev.	TPH-G	TPH-D	TPH-O	B	T	E	X	Total Pb	MTBE
MW9	02/14/03	7.58	217.68	<100	<133	<133	<1.0	<1.0	<1.0	<1.0	--	--
225.26	08/25/03	9.57	215.69	<100	179	<100	<1.00	<1.0	<1.0	<1.0	--	--
	02/11/04	7.22	218.04	<100	<125	<125	<1.00	<1.0	<1.0	<1.0	--	--
	08/31/04	9.18	216.08	<100	227	125	<1.00	<1.0	<1.0	<1.0	--	--
	02/16/05	8.20	217.06	<100	139	<100	1.20	<1.0	<1.0	<1.0	--	--
	08/05/05	8.90	216.36	<100	202	<500	<1.00	<1.00	<1.00	<2.00	--	--
	02/15/06	6.82	218.44	<100	178	171	<1.00	<1.00	<1.00	<3.00	--	--
	08/11/06	9.05	216.21	<100	164	190	<1.00	<1.00	<1.00	<3.00	--	--
MTCA Method A Cleanup Levels				1,000*			5	40	30	20	5	20

EXPLANATION:

All concentrations are in ug/L (ppb).

Wellhead elevations were taken from prior consultants' reports.

DTW = Depth to water in feet below top of casing

GW Elev. = Groundwater elevation relative to top of casing elevations

TPH-G = Total Petroleum Hydrocarbons as Gasoline

by Ecology Method NWTPH-Gx

TPH-D and TPH-O = Total Petroleum Hydrocarbons as Diesel and Oil, respectively, by Ecology Method NWTPH-Dx

B = Benzene; T = Toluene; E = Ethylbenzene; X = Total Xylenes

BTEX = Aromatic compounds by EPA Method 8021B

Total Pb = Total lead by EPA 6200 Series Methods

MTBE = Methyl Tert-Butyl Ether by EPA Method 8021B

NM = Not Measured; -- = Not Analyzed or Sampled

< = Less than the stated laboratory reporting limit

Shaded values equal or exceed MTCA Method A Cleanup Levels.

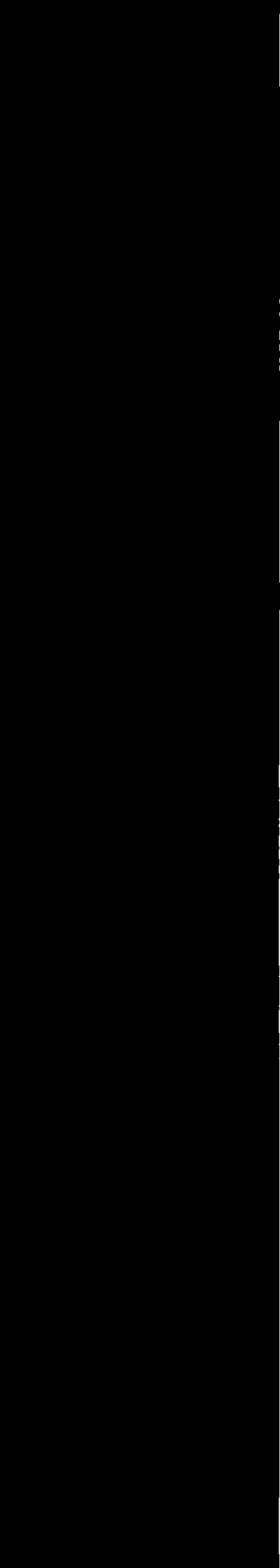
* Sample duplicate was collected for laboratory precision review purposes

* Total Petroleum Hydrocarbons

Prior to 1997, TPH-G and TPH-D were analyzed using

WTPH-G and WTPH-D, respectively.

Data collected before 07/31/01 were taken from prior consultants.



August 28, 2006

Client: ERI Tukwila (10313)
815 Industry Drive
Tukwila, WA 98188
Attn: Paul Webber

Work Order: NPH2065
Project Name: Exxon(06) 99-NWA PO:4506772869
Project Nbr: 31161
P/O Nbr: 4506772869
Date Received: 08/15/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW1	NPH2065-01	08/11/06
MW2	NPH2065-02	08/11/06
MW3	NPH2065-03	08/11/06
MW5	NPH2065-04	08/11/06
MW7	NPH2065-05	08/11/06
MW8	NPH2065-06	08/11/06
MW9	NPH2065-07	08/11/06

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

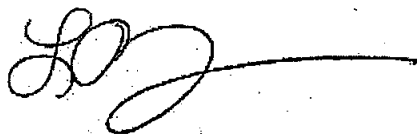
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Washington Certification Number: C1712

The Chain(s) of Custody, 5 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By:



Leah R. Klingensmith
Senior Project Management

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Client ERI Tukwila (10313)
815 Industry Drive
Tukwila, WA 98188
Attn Paul Webber

Work Order: NPH2065
Project Name: Exxon(06) 99-NWA PO:4506772869
Project Number: 31161
Received: 08/15/06 08:00

ANALYTICAL REPORT

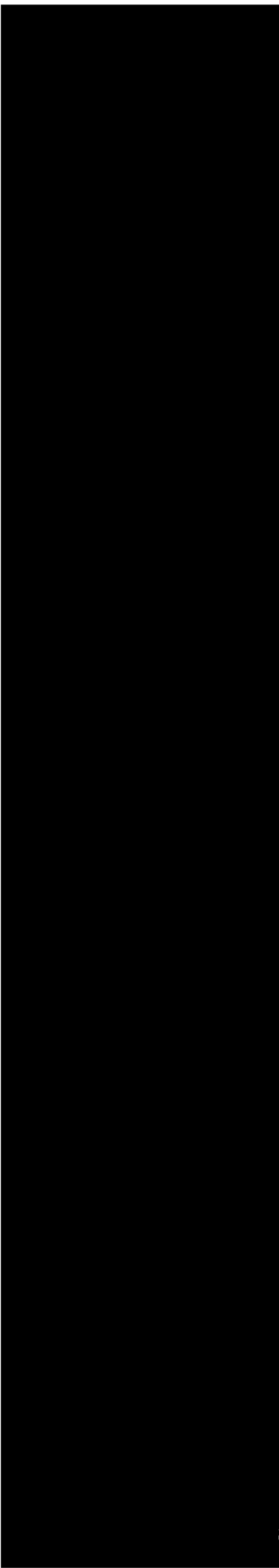
Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPH2065-01 (MW1 - Ground Water) Sampled: 08/11/06								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	14.0		ug/L	1.00	1	08/17/06 03:02	SW846 8021B	6083157
Ethylbenzene	14.9		ug/L	1.00	1	08/17/06 03:02	SW846 8021B	6083157
Toluene	1.08		ug/L	1.00	1	08/17/06 03:02	SW846 8021B	6083157
Xylenes, total	9.63		ug/L	3.00	1	08/17/06 03:02	SW846 8021B	6083157
Surr: a,a,a-Trifluorotoluene (63-134%)	90 %					08/17/06 03:02	SW846 8021B	6083157
Extractable Petroleum Hydrocarbons								
Diesel	517	QSG	ug/L	100	1	08/24/06 18:06	NWTPH-Dx	6083030
Motor Oil	170	QSG	ug/L	100	1	08/24/06 18:06	NWTPH-Dx	6083030
Surr: o-Terphenyl (51-142%)	76 %					08/24/06 18:06	NWTPH-Dx	6083030
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	716		ug/L	100	1	08/17/06 03:02	NWTPH-Gx	6083157
Surr: a,a,a-Trifluorotoluene (63-134%)	90 %					08/17/06 03:02	NWTPH-Gx	6083157
Sample ID: NPH2065-02RE1 (MW2 - Ground Water) Sampled: 08/11/06								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	298		ug/L	5.00	5	08/18/06 06:58	SW846 8021B	6083422
Ethylbenzene	295		ug/L	5.00	5	08/18/06 06:58	SW846 8021B	6083422
Toluene	27.6		ug/L	5.00	5	08/18/06 06:58	SW846 8021B	6083422
Xylenes, total	960		ug/L	15.0	5	08/18/06 06:58	SW846 8021B	6083422
Surr: a,a,a-Trifluorotoluene (63-134%)	78 %					08/18/06 06:58	SW846 8021B	6083422
Extractable Petroleum Hydrocarbons								
Diesel	3560	QSG	ug/L	1050	10	08/24/06 18:23	NWTPH-Dx	6083030
Motor Oil	1090	QSG	ug/L	1050	10	08/24/06 18:23	NWTPH-Dx	6083030
Surr: o-Terphenyl (51-142%)	*	Z3				08/24/06 18:23	NWTPH-Dx	6083030
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	6900		ug/L	500	5	08/18/06 06:58	NWTPH-Gx	6083422
Surr: a,a,a-Trifluorotoluene (63-134%)	78 %					08/18/06 06:58	NWTPH-Gx	6083422
Sample ID: NPH2065-03 (MW3 - Ground Water) Sampled: 08/11/06								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	13.7		ug/L	1.00	1	08/17/06 04:01	SW846 8021B	6083157
Ethylbenzene	4.62		ug/L	1.00	1	08/17/06 04:01	SW846 8021B	6083157
Toluene	1.50		ug/L	1.00	1	08/17/06 04:01	SW846 8021B	6083157
Xylenes, total	18.9		ug/L	3.00	1	08/17/06 04:01	SW846 8021B	6083157
Surr: a,a,a-Trifluorotoluene (63-134%)	102 %					08/17/06 04:01	SW846 8021B	6083157
Extractable Petroleum Hydrocarbons								
Diesel	658	QSG	ug/L	98.0	1	08/25/06 11:00	NWTPH-Dx	6083030
Motor Oil	707	QSG	ug/L	98.0	1	08/25/06 11:00	NWTPH-Dx	6083030
Surr: o-Terphenyl (51-142%)	67 %					08/25/06 11:00	NWTPH-Dx	6083030
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	1010		ug/L	100	1	08/17/06 04:01	NWTPH-Gx	6083157

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ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPH2065-03 (MW3 - Ground Water) - cont. Sampled: 08/11/06								
Purgeable Petroleum Hydrocarbons - cont.								
Surr: <i>a,a,a</i> -Trifluorotoluene (63-134%)	102 %					08/17/06 04:01	NWTPH-Gx	6083157
Sample ID: NPH2065-04 (MW5 - Ground Water) Sampled: 08/11/06								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	08/17/06 04:30	SW846 8021B	6083157
Ethylbenzene	ND		ug/L	1.00	1	08/17/06 04:30	SW846 8021B	6083157
Toluene	ND		ug/L	1.00	1	08/17/06 04:30	SW846 8021B	6083157
Xylenes, total	ND		ug/L	3.00	1	08/17/06 04:30	SW846 8021B	6083157
Surr: <i>a,a,a</i> -Trifluorotoluene (63-134%)	90 %					08/17/06 04:30	SW846 8021B	6083157
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	ug/L	97.1	1	08/24/06 18:59	NWTPH-Dx	6083030
Motor Oil	ND	QSG	ug/L	97.1	1	08/24/06 18:59	NWTPH-Dx	6083030
Surr: <i>o</i> -Terphenyl (51-142%)	85 %					08/24/06 18:59	NWTPH-Dx	6083030
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		ug/L	100	1	08/17/06 04:30	NWTPH-Gx	6083157
Surr: <i>a,a,a</i> -Trifluorotoluene (63-134%)	90 %					08/17/06 04:30	NWTPH-Gx	6083157
Sample ID: NPH2065-05 (MW7 - Ground Water) Sampled: 08/11/06								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	2.00		ug/L	1.00	1	08/17/06 04:59	SW846 8021B	6083157
Ethylbenzene	ND		ug/L	1.00	1	08/17/06 04:59	SW846 8021B	6083157
Toluene	ND		ug/L	1.00	1	08/17/06 04:59	SW846 8021B	6083157
Xylenes, total	ND		ug/L	3.00	1	08/17/06 04:59	SW846 8021B	6083157
Surr: <i>a,a,a</i> -Trifluorotoluene (63-134%)	98 %					08/17/06 04:59	SW846 8021B	6083157
Extractable Petroleum Hydrocarbons								
Diesel	248	QSG	ug/L	99.0	1	08/24/06 19:17	NWTPH-Dx	6083030
Motor Oil	ND	QSG	ug/L	99.0	1	08/24/06 19:17	NWTPH-Dx	6083030
Surr: <i>o</i> -Terphenyl (51-142%)	93 %					08/24/06 19:17	NWTPH-Dx	6083030
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	318		ug/L	100	1	08/17/06 04:59	NWTPH-Gx	6083157
Surr: <i>a,a,a</i> -Trifluorotoluene (63-134%)	98 %					08/17/06 04:59	NWTPH-Gx	6083157
Sample ID: NPH2065-06RE1 (MW8 - Ground Water) Sampled: 08/11/06								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	1770		ug/L	10.0	10	08/19/06 11:52	SW846 8021B	6083983
Ethylbenzene	289		ug/L	10.0	10	08/19/06 11:52	SW846 8021B	6083983
Toluene	44.9		ug/L	10.0	10	08/19/06 11:52	SW846 8021B	6083983
Xylenes, total	104		ug/L	30.0	10	08/19/06 11:52	SW846 8021B	6083983
Surr: <i>a,a,a</i> -Trifluorotoluene (63-134%)	105 %					08/19/06 11:52	SW846 8021B	6083983
Extractable Petroleum Hydrocarbons								
Diesel	1900	QSG	ug/L	222	2	08/25/06 10:43	NWTPH-Dx	6083030
Motor Oil	ND	QSG, RL1	ug/L	222	2	08/25/06 10:43	NWTPH-Dx	6083030



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ANALYTICAL REPORT

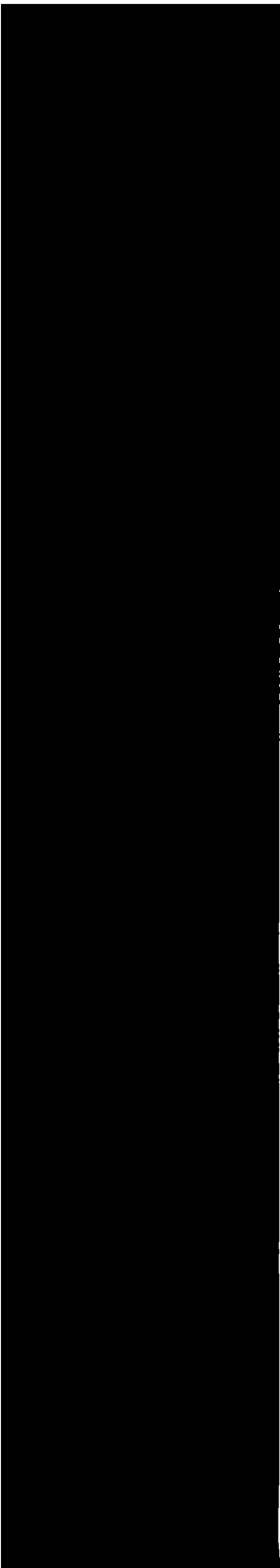
Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPH2065-06RE1 (MW8 - Ground Water) - cont. Sampled: 08/11/06								
Extractable Petroleum Hydrocarbons - cont.								
Surr: o-Terphenyl (51-142%)	74 %					08/25/06 10:43	NWTPH-Dx	6083030
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	10000		ug/L	1000	10	08/19/06 11:52	NWTPH-Gx	6083983
Surr: a,a,a-Trifluorotoluene (63-134%)	105 %					08/19/06 11:52	NWTPH-Gx	6083983
Sample ID: NPH2065-07 (MW9 - Ground Water) Sampled: 08/11/06								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	08/18/06 18:57	SW846 8021B	6083685
Ethylbenzene	ND		ug/L	1.00	1	08/18/06 18:57	SW846 8021B	6083685
Toluene	ND		ug/L	1.00	1	08/18/06 18:57	SW846 8021B	6083685
Xylenes, total	ND		ug/L	3.00	1	08/18/06 18:57	SW846 8021B	6083685
Surr: a,a,a-Trifluorotoluene (63-134%)	106 %					08/18/06 18:57	SW846 8021B	6083685
Extractable Petroleum Hydrocarbons								
Diesel	164	QSG	ug/L	106	1	08/24/06 19:53	NWTPH-Dx	6083030
Motor Oil	190	QSG	ug/L	106	1	08/24/06 19:53	NWTPH-Dx	6083030
Surr: o-Terphenyl (51-142%)	122 %					08/24/06 19:53	NWTPH-Dx	6083030
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		ug/L	100	1	08/18/06 18:57	NWTPH-Gx	6083685
Surr: a,a,a-Trifluorotoluene (63-134%)	106 %					08/18/06 18:57	NWTPH-Gx	6083685

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SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Extractable Petroleum Hydrocarbons							
NWTPH-Dx	6083030	NPH2065-01	1000.00	1.00	08/16/06 10:50	CEC	EPA 3510C
NWTPH-Dx	6083030	NPH2065-02	950.00	1.00	08/16/06 10:50	CEC	EPA 3510C
NWTPH-Dx	6083030	NPH2065-03	1020.00	1.00	08/16/06 10:50	CEC	EPA 3510C
NWTPH-Dx	6083030	NPH2065-03RE1	1020.00	1.00	08/16/06 10:50	CEC	EPA 3510C
NWTPH-Dx	6083030	NPH2065-04	1030.00	1.00	08/16/06 10:50	CEC	EPA 3510C
NWTPH-Dx	6083030	NPH2065-05	1010.00	1.00	08/16/06 10:50	CEC	EPA 3510C
NWTPH-Dx	6083030	NPH2065-06	900.00	1.00	08/16/06 10:50	CEC	EPA 3510C
NWTPH-Dx	6083030	NPH2065-06RE1	900.00	1.00	08/16/06 10:50	CEC	EPA 3510C
NWTPH-Dx	6083030	NPH2065-07	940.00	1.00	08/16/06 10:50	CEC	EPA 3510C



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PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
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Volatile Organic Compounds by EPA Method 8021B

6083157-BLK1

Benzene	<0.440		ug/L	6083157	6083157-BLK1	08/16/06 16:31
Ethylbenzene	<0.410		ug/L	6083157	6083157-BLK1	08/16/06 16:31
Toluene	<0.540		ug/L	6083157	6083157-BLK1	08/16/06 16:31
Xylenes, total	<1.23		ug/L	6083157	6083157-BLK1	08/16/06 16:31
Surrogate: <i>a,a,a</i> -Trifluorotoluene	97%			6083157	6083157-BLK1	08/16/06 16:31

6083422-BLK1

Benzene	<0.440		ug/L	6083422	6083422-BLK1	08/18/06 04:24
Ethylbenzene	0.521		ug/L	6083422	6083422-BLK1	08/18/06 04:24
Toluene	0.847		ug/L	6083422	6083422-BLK1	08/18/06 04:24
Xylenes, total	1.79		ug/L	6083422	6083422-BLK1	08/18/06 04:24
Surrogate: <i>a,a,a</i> -Trifluorotoluene	77%			6083422	6083422-BLK1	08/18/06 04:24

6083685-BLK1

Benzene	<0.440		ug/L	6083685	6083685-BLK1	08/18/06 15:28
Ethylbenzene	<0.410		ug/L	6083685	6083685-BLK1	08/18/06 15:28
Toluene	<0.540		ug/L	6083685	6083685-BLK1	08/18/06 15:28
Xylenes, total	<1.23		ug/L	6083685	6083685-BLK1	08/18/06 15:28
Surrogate: <i>a,a,a</i> -Trifluorotoluene	102%			6083685	6083685-BLK1	08/18/06 15:28

6083983-BLK1

Benzene	<0.440		ug/L	6083983	6083983-BLK1	08/19/06 10:39
Ethylbenzene	<0.410		ug/L	6083983	6083983-BLK1	08/19/06 10:39
Toluene	<0.540		ug/L	6083983	6083983-BLK1	08/19/06 10:39
Xylenes, total	<1.23		ug/L	6083983	6083983-BLK1	08/19/06 10:39
Surrogate: <i>a,a,a</i> -Trifluorotoluene	102%			6083983	6083983-BLK1	08/19/06 10:39

Extractable Petroleum Hydrocarbons

6083030-BLK1

Diesel	<38.0		ug/L	6083030	6083030-BLK1	08/24/06 17:29
Motor Oil	<38.0		ug/L	6083030	6083030-BLK1	08/24/06 17:29
Surrogate: <i>o</i> -Terphenyl	77%			6083030	6083030-BLK1	08/24/06 17:29

Purgeable Petroleum Hydrocarbons

6083157-BLK1

GRO as Gasoline	<40.0		ug/L	6083157	6083157-BLK1	08/16/06 16:31
Surrogate: <i>a,a,a</i> -Trifluorotoluene	97%			6083157	6083157-BLK1	08/16/06 16:31

6083422-BLK1

GRO as Gasoline	<40.0		ug/L	6083422	6083422-BLK1	08/18/06 04:24
Surrogate: <i>a,a,a</i> -Trifluorotoluene	77%			6083422	6083422-BLK1	08/18/06 04:24

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PROJECT QUALITY CONTROL DATA

Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons						
6083685-BLK1						
GRO as Gasoline	<40.0		ug/L	6083685	6083685-BLK1	08/18/06 15:28
Surrogate: <i>a,a,a</i> -Trifluorotoluene	102%			6083685	6083685-BLK1	08/18/06 15:28
6083983-BLK1						
GRO as Gasoline	<40.0		ug/L	6083983	6083983-BLK1	08/19/06 10:39
Surrogate: <i>a,a,a</i> -Trifluorotoluene	102%			6083983	6083983-BLK1	08/19/06 10:39

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PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B								
6083157-BS1								
Benzene	100	96.3		ug/L	96%	77 - 122	6083157	08/17/06 06:25
Ethylbenzene	100	94.4		ug/L	94%	77 - 121	6083157	08/17/06 06:25
Toluene	100	95.0		ug/L	95%	74 - 121	6083157	08/17/06 06:25
Xylenes, total	200	188		ug/L	94%	72 - 121	6083157	08/17/06 06:25
Surrogate: <i>a,a,a</i> -Trifluorotoluene	30.0	29.2			97%	63 - 134	6083157	08/17/06 06:25
6083422-BS1								
Benzene	100	89.8		ug/L	90%	77 - 122	6083422	08/18/06 13:02
Ethylbenzene	100	90.2		ug/L	90%	77 - 121	6083422	08/18/06 13:02
Toluene	100	86.7		ug/L	87%	74 - 121	6083422	08/18/06 13:02
Xylenes, total	200	175		ug/L	88%	72 - 121	6083422	08/18/06 13:02
Surrogate: <i>a,a,a</i> -Trifluorotoluene	30.0	24.4			81%	63 - 134	6083422	08/18/06 13:02
6083685-BS1								
Benzene	100	104		ug/L	104%	77 - 122	6083685	08/18/06 21:55
Ethylbenzene	100	100		ug/L	100%	77 - 121	6083685	08/18/06 21:55
Toluene	100	101		ug/L	101%	74 - 121	6083685	08/18/06 21:55
Xylenes, total	200	200		ug/L	100%	72 - 121	6083685	08/18/06 21:55
Surrogate: <i>a,a,a</i> -Trifluorotoluene	30.0	31.7			106%	63 - 134	6083685	08/18/06 21:55
6083983-BS1								
Benzene	100	94.4		ug/L	94%	77 - 122	6083983	08/19/06 21:46
Ethylbenzene	100	97.7		ug/L	98%	77 - 121	6083983	08/19/06 21:46
Toluene	100	96.7		ug/L	97%	74 - 121	6083983	08/19/06 21:46
Xylenes, total	200	191		ug/L	96%	72 - 121	6083983	08/19/06 21:46
Surrogate: <i>a,a,a</i> -Trifluorotoluene	30.0	32.2			107%	63 - 134	6083983	08/19/06 21:46
Extractable Petroleum Hydrocarbons								
6083030-BS1								
Diesel	1000	736		ug/L	74%	56 - 116	6083030	08/24/06 17:48
Surrogate: <i>o</i> -Terphenyl	20.0	17.1			86%	51 - 142	6083030	08/24/06 17:48
Purgeable Petroleum Hydrocarbons								
6083157-BS2								
GRO as Gasoline	1000	891		ug/L	89%	66 - 132	6083157	08/17/06 06:54
Surrogate: <i>a,a,a</i> -Trifluorotoluene	30.0	29.8			99%	63 - 134	6083157	08/17/06 06:54
6083422-BS2								
GRO as Gasoline	1000	794		ug/L	79%	66 - 132	6083422	08/18/06 13:28
Surrogate: <i>a,a,a</i> -Trifluorotoluene	30.0	24.4			81%	63 - 134	6083422	08/18/06 13:28
6083685-BS2								

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PROJECT QUALITY CONTROL DATA

LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons								
6083685-BS2								
GRO as Gasoline	1000	810		ug/L	81%	66 - 132	6083685	08/18/06 22:10
Surrogate: a,a,a-Trifluorotoluene	30.0	35.1			117%	63 - 134	6083685	08/18/06 22:10
6083983-BS2								
GRO as Gasoline	1000	777		ug/L	78%	66 - 132	6083983	08/19/06 22:15
Surrogate: a,a,a-Trifluorotoluene	30.0	33.1			110%	63 - 134	6083983	08/19/06 22:15



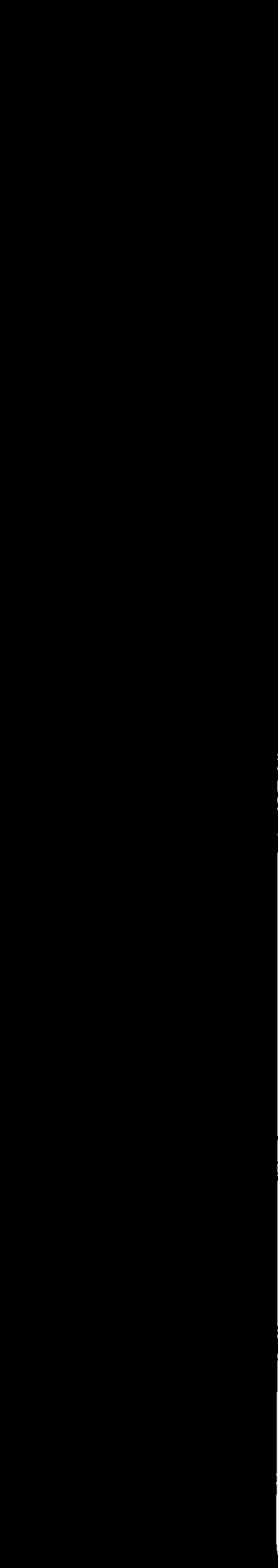
Client ERI Tukwila (10313)
815 Industry Drive
Tukwila, WA 98188
Attn Paul Webber

Work Order: NPH2065
Project Name: Exxon(06) 99-NWA PO:4506772869
Project Number: 31161
Received: 08/15/06 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B										
6083157-MS1										
Benzene	ND	52.9		ug/L	50.0	106%	50 - 159	6083157	NPH1759-05	08/17/06 05:28
Ethylbenzene	ND	53.1		ug/L	50.0	106%	50 - 155	6083157	NPH1759-05	08/17/06 05:28
Toluene	0.0480	53.5		ug/L	50.0	107%	57 - 150	6083157	NPH1759-05	08/17/06 05:28
Xylenes, total	0.0390	107		ug/L	100	107%	48 - 151	6083157	NPH1759-05	08/17/06 05:28
Surrogate: <i>a,a,a</i> -Trifluorotoluene		28.9		ug/L	30.0	96%	63 - 134	6083157	NPH1759-05	08/17/06 05:28



Client ERI Tukwila (10313)
815 Industry Drive
Tukwila, WA 98188
Attn Paul Webber

Work Order: NPH2065
Project Name: Exxon(06) 99-NWA PO:4506772869
Project Number: 31161
Received: 08/15/06 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B												
6083157-MSD1												
Benzene	ND	53.0		ug/L	50.0	106%	50 - 159	0.2	33	6083157	NPH1759-05	08/17/06 05:56
Ethylbenzene	ND	53.3		ug/L	50.0	107%	50 - 155	0.4	35	6083157	NPH1759-05	08/17/06 05:56
Toluene	0.0480	53.6		ug/L	50.0	107%	57 - 150	0.2	33	6083157	NPH1759-05	08/17/06 05:56
Xylenes, total	0.0390	107		ug/L	100	107%	48 - 151	0	35	6083157	NPH1759-05	08/17/06 05:56
Surrogate: <i>a,a,a</i> -Trifluorotoluene		29.1		ug/L	30.0	97%	63 - 134			6083157	NPH1759-05	08/17/06 05:56

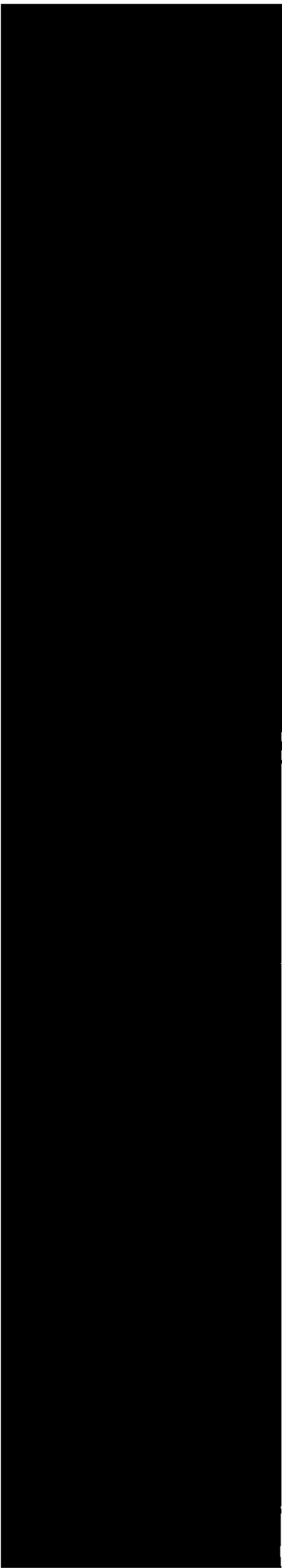
Client ERI Tukwila (10313)
815 Industry Drive
Tukwila, WA 98188
Attn Paul Webber

Work Order: NPH2065
Project Name: Exxon(06) 99-NWA PO:4506772869
Project Number: 31161
Received: 08/15/06 08:00

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	Washington
NWTPH-Dx	Water	N/A	X	X
NWTPH-Gx	Water	N/A	X	X
SW846 8021B	Water	N/A	X	X



Client ERI Tukwila (10313)
815 Industry Drive
Tukwila, WA 98188
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Project Number: 31161
Received: 08/15/06 08:00

DATA QUALIFIERS AND DEFINITIONS

QSG Silica Gel clean-up performed on extracts.
RL1 Reporting limit raised due to sample matrix effects.
Z3 The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

METHOD MODIFICATION NOTES



Nashville Division

COOLER RECEIPT FORM

BC#



NPH2065

Cooler Received/Opened On: 8/15/06@8:00

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

3744

Fed Ex

Temperature of representative sample or temperature blank when opened: 3.0 Degrees Celsius
(indicate IR Gun ID#)

101282

3. Were custody seals on outside of cooler?..... YES...NO...NA

a. If yes, how many and where: 15 not

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (initial).....

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag Paper Other _____ None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (initial).....

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used?..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial).....

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

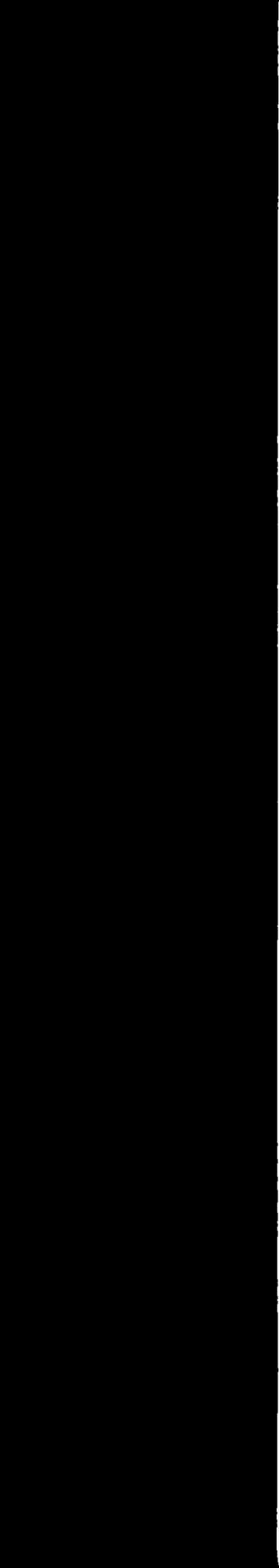
17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (initial).....

I certify that I attached a label with the unique LIMS number to each container (initial).....

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO # _____





Nashville Division

COOLER RECEIPT FORM

BC#

Cooler Received/Opened On:

8/15/2006

8:00

7235

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

FED-EX

Temperature of representative sample or temperature blank when opened: -0.6 Degrees Celsius
(Indicate IR Gun ID#)

101507

3. Were custody seals on outside of cooler?..... YES...NO...NA

a. If yes, how many and where: 1 Front

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (initial)..... WJ

6. Were custody seals on containers: YES NO and Intact YES NO NA
were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert
Plastic bag Paper Other _____ None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (initial)..... JA

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...YES

b. Did the bottle labels indicate that the correct preservatives were used?..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial)..... JA

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (initial)..... JA

I certify that I attached a label with the unique LIMS number to each container (initial)..... JA

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO # _____



Nashville Division
COOLER RECEIPT FORM

BC#

Cooler Received/Opened On: August 15, 2006 @ 08:00

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 3708

Fed-Ex UPS Velocity DHL Route Off-street Misc.

2. Temperature of representative sample or temperature blank when opened: -1.9 Degrees Celsius
(indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 101282 Raynger ST

3. Were custody seals on outside of cooler?..... YES...NO...NA

a. If yes, how many and where: 1 - FRONT

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (initial)..... Ph

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag Paper Other _____ None Other

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (initial)..... 32

13. a. On-preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial)..... 32

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (initial)..... 32

I certify that I attached a label with the unique LIMS number to each container (initial)..... 32

19. Were there Non-Conformance Issues at login YES NO Was a PIPE generated YES NO # _____

BIS = Broken in shipment
Cooler Receipt Form

LF-1
End of Form

Revised 3/9/06



Nashville Division
COOLER RECEIPT FORM

BC#

Cooler Received/Opened On 8/15/06 @ 8:00

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 3799

☒ Fed-Ex ☐ UPS ☐ Velocity ☐ DHL ☐ Route ☐ Off-street ☐ Misc.

2. Temperature of representative sample or temperature blank when opened: -2.4 Degrees Celsius
(indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 101282 Raynger ST

3. Were custody seals on outside of cooler?..... ☒ YES...NO...NA

a. If yes, how many and where: 6) Front

4. Were the seals intact, signed, and dated correctly?..... ☒ YES...NO...NA

5. Were custody papers inside cooler?..... YES...☒ NO...NA

I certify that I opened the cooler and answered questions 1-5 (Initial)..... W

6. Were custody seals on containers: YES ☒ NO and Intact YES NO ☒ NA

were these signed, and dated correctly?..... YES...NO...☒ NA

7. What kind of packing material used? ☒ Bubblewrap ☐ Peanuts ☐ Vermiculite ☐ Foam Insert

Plastic bag Paper Other _____ None

8. Cooling process: ☒ Ice ☐ Ice-pack ☐ Ice (direct contact) ☐ Dry Ice ☐ Other ☐ None

9. Did all containers arrive in good condition (unbroken)?..... ☒ YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... ☒ YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... ☒ YES...NO...NA

12. a. Were VOA vials received?..... ☒ YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES ☒ NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (Initial)..... SC

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...☒ NA

b. Did the bottle labels indicate that the correct preservatives were used?..... ☒ YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

14. Was residual chlorine present?..... YES...NO...☒ NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (Initial)..... SR

15. Were custody papers properly filled out (ink, signed, etc)?..... ☒ YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... ☒ YES...NO...NA

17. Were correct containers used for the analysis requested?..... ☒ YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... ☒ YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (Initial)..... JK

I certify that I attached a label with the unique LIMS number to each container (Initial)..... JK

19. Were there Non-Conformance Issues at login YES NO Was a PIPE generated YES NO # _____

ExxonMobil.

Fax: 615-726-3404

TA Account #: 10313

Invoice To: Tim Strawn

Report To: Paul Webber

PO #: 4506772869

Facility ID # 99-KWA

Site Address 3227 NE 145th St

City, State, Zip Seattle, WA 98155

Regulatory District (CA) N/A

NPH2065 08/29/06 23:59		Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative							Matrix				Analyze For:				RUSH TAT (Pre-Schedule)	TAT request (in Bus. Days)	Fax Results (yes or no)	Due Date of Report							
Sample ID or Field ID								Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H ₂ SO ₄ , Plastic (Yellow Label)	H ₂ SO ₄ , Glass (Yellow Label)	HNO ₃ (Red Label)	None (Black Label)	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	NWTPH-G/BTEX	NWTPH-DIO										
MW1	8/11/2006		5	X						X					X							X	X										X
MW2	8/11/2006		5	X						X					X							X	X										X
MW3	8/11/2006		5	X						X					X							X	X										X
MW5	8/11/2006		5	X						X					X							X	X										X
MW7	8/11/2006		5	X						X					X							X	X										X
MW8	8/11/2006		5	X						X					X							X	X										X
MW9	8/11/2006		5	X						X					X							X	X										X
Comments/Special Instructions:		ERI Project Number 31161																Laboratory Comments: Temperature Upon Receipt: Sample Containers Intact? Y N VOCs Free of Headspace? Y N <u>QC Deliverables (please circle one)</u> Level 2 Level 3 Level 4 Site Specific - if yes, please e pre-schedule w/ TestAmerica Project Manager or attach specific instructions															
Include Silica Gel Cleanup		Date	Time	Received by:		Date	Time																										
		8/14/06	12:30																														
Relinquished by:		Date	Time	Received by (Lab personnel)		Date	Time																										

FIELD LOG
PURGING AND SAMPLING RECORD & WELL BOX STATUS

CLIENT NAME: EXXONMOBIL 99-NWA	ERI JOB # 031161	0.163 gal/ft for a 2" well
SITE LOCATION:	ANALYSIS: TPH/BTEX	0.652 gal/ft for a 4" well
FIELD CREW: JPM	DATE: 8/11/2006	1.167 gal/ft for a 6" well

WELL BOX STATUS OPTIONS:

N = Not Repaired in time available
R = Repaired/Replaced

OK = No action needed
Yes No

WELL #	TIME	DEPTH TO WATER	DEPTH OF WELL	CASE DIA	CASE VOL(gal)	PRG VOL			
MW1		10.68	15.71	4	3.28	9.85			
	WELL HEAD	RUBBER	WELL	WELL	WATER IN	REPLACE			
	SCREWS	GASKET	CAP	SEAL	VAULT?	WELL?			
	N	OK	OK	OK	NO	Yes			
COMMENTS									
WELL #	TIME	DEPTH TO WATER	DEPTH OF WELL	CASE DIA	CASE VOL(gal)	PRG VOL			
MW2		6.25	11.25	4	3.26	9.79			
	WELL HEAD	RUBBER	WELL	WELL	WATER IN	REPLACE			
	SCREWS	GASKET	CAP	SEAL	VAULT?	WELL?			
	N	N	R	OK	(sludge)	Yes			
COMMENTS									
WELL #	TIME	DEPTH TO WATER	DEPTH OF WELL	CASE DIA	CASE VOL(gal)	PRG VOL			
MW3		7.30	13.00	4	3.72	11.16			
	WELL HEAD	RUBBER	WELL	WELL	WATER IN	REPLACE			
	SCREWS	GASKET	CAP	SEAL	VAULT?	WELL?			
	N				NO	Yes			
COMMENTS									
WELL #	TIME	DEPTH TO WATER	DEPTH OF WELL	CASE DIA	CASE VOL(gal)	PRG VOL			
MW5		9.00	14.25	4	3.43	10.28			
	WELL HEAD	RUBBER	WELL	WELL	WATER IN	REPLACE			
	SCREWS	GASKET	CAP	SEAL	VAULT?	WELL?			
	N	OK	OK	OK	No	No			
COMMENTS									
WELL #	TIME	DEPTH TO WATER	DEPTH OF WELL	CASE DIA	CASE VOL(gal)	PRG VOL			
MW7		5.69	14.50	2	1.44	4.31			
	WELL HEAD	RUBBER	WELL	WELL	WATER IN	REPLACE			
	SCREWS	GASKET	CAP	SEAL	VAULT?	WELL?			
	N				(sludge)	Yes			
COMMENTS									

FIELD LOG
PURGING AND SAMPLING RECORD & WELL BOX STATUS

CLIENT NAME: <u>EXXONMOBIL 99-NWA</u>		ERI JOB # <u>031161</u>		0.163 gal/ft for a 2" well	
SITE LOCATION:		ANALYSIS: <u>TPH/BTEX</u>		0.652 gal/ft for a 4" well	
FIELD CREW: <u>JPM</u>		DATE: <u>8/11/2006</u>		1.167 gal/ft for a 6" well	

WELL #	TIME	DEPTH TO WATER	DEPTH OF WELL	CASE DIA	CASE VOL(gal)	PRG VOL			
MW8		7.35	15.32	2	1.30	3.90			
	WELL HEAD	RUBBER	WELL	WELL	WATER IN	REPLACE			
	SCREWS	GASKET	CAP	SEAL	VAULT?	WELL?			
	N	R	OK	OK	NO	Yes			
COMMENTS									

WELL #	TIME	DEPTH TO WATER	DEPTH OF WELL	CASE DIA	CASE VOL(gal)	PRG VOL			
MW9		9.05	19.00	2	1.62	4.87			
	WELL HEAD	RUBBER	WELL	WELL	WATER IN	REPLACE			
	SCREWS	GASKET	CAP	SEAL	VAULT?	WELL?			
	OK	R	OK	OK	No	No			
COMMENTS									