

WEPK

DATE: October 30, 2003

**CONOCOPHILLIPS CORPORATION
GROUNDWATER MONITORING REPORT**

Site No.: 5353 Address: 600 Westlake Avenue North, Seattle, Washington
ConocoPhillips Site Manager: Timothy D. Johnson
Consultant/Contact Person: Environmental Resolutions, Inc./James S. Matthiessen
Primary Agency/Regulatory ID No.: Washington State Department of Ecology

WORK PERFORMED THIS QUARTER(S) [Third - 2003]:

- Monitored 18, purged and sampled 16 groundwater monitoring wells

WORK PROPOSED FOR NEXT QUARTER [Fourth - 2003]:

- Monitor 21, purge and sample 20 groundwater monitoring wells

SUMMARY:

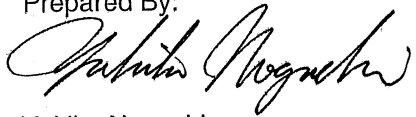
Frequency of Sampling Events:	<u>Quarterly</u>	(Quarterly, etc.)
Approximate Depth to Groundwater:	<u>6 to 13 feet</u>	(Measured Feet)
Groundwater Gradient:	<u>Northerly and Easterly</u>	(Direction)
	<u>0.002 ft/ft</u>	(Magnitude)
Maximum TPH-G/Benzene Concentrations:	<u>4,440/64,2</u>	(ppb)
Measurable Free Product Detected:	<u>No</u>	(Yes - ID well(s)/No)
Free Product Recovered This Quarter:	<u>Unknown</u>	(gallons)
Cumulative Free Product Recovered to Date:	<u>Unknown</u>	(gallons)
Bulk Soil Removed This Quarter:	<u>None</u>	(cubic yards)
Water Wells or Surface Waters w/in 2,000 ft:	<u>Lake Union, 400 ft</u>	(Distance &
Radius and Respective Direction:	<u>North</u>	Direction)
Current Remedial Action:	<u>VES</u>	(SVE/AS/P&T, etc.)
Permits for Discharge:	<u>PSAPCA No. 4397</u>	(NPDES, POTW, etc.)


DISCUSSION:

- 8 of 16 wells sampled contained hydrocarbon concentrations exceeding MTCA Method A Cleanup Levels.

ATTACHMENTS:

- Plate 1: Groundwater Sample Analysis Map – 09/19/03
- Table 1: Groundwater Analytical Results
- Laboratory Reports and Chain of Custody Documentation
- Field Data Records

Prepared By:

Yukiko Noguchi
Staff Scientist

Reviewed By:

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

cc: LUST Coordinator, Washington State Department of Ecology, Northwest Regional Office
Mr. Dave Cook, GeoEngineers

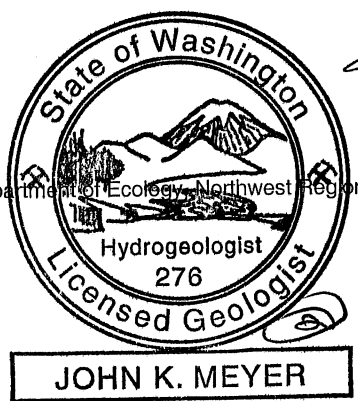


TABLE 1
GROUNDWATER ANALYTICAL RESULTS
Tosco Site No. 5353
600 Westlake Avenue North
Seattle, Washington
Page 1 of 9

Well Name	Sample Date	DTW	LPH	GW Elev.	TPH-G	TPH-D	TPH-O	B	T	E	X
SMW3 NE	03/08/95	10.25	0.00	--	<50	400	2,500	<0.5	<0.5	<0.5	<1.0
	06/06/95	10.23	0.00	--	<50	<250	<750	<0.5	<0.5	<0.5	<1.0
	09/07/95	10.89	0.00	--	<50	300	<750	<0.5	<0.5	<0.5	<1.0
	12/08/95	10.36	0.00	--	<50	300	<750	<0.5	<0.5	<0.5	<1.0
	04/01/96	10.07	0.00	--	34,000	4,000	2,300	6,400	42	2,100	3,000
	06/25/96	10.19	0.00	--	<50.0	320	<750	<0.500	<0.500	<0.500	<1.00
	09/27/96	11.12	0.00	--	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00
	03/28/97	10.19	0.00	--	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00
	06/30/97 ^{NP}	10.14	0.00	--	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00
	09/08/97 ^{NP}	10.85	0.00	--	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00
	12/19/97 ^{NP}	9.67	0.00	--	<50.0	521	<750	<0.500	<0.500	<0.500	<1.00
	03/16/98 ^{NP}	9.28	0.00	--	50.1	<250	<750	<0.500	<0.500	<0.500	<1.00
	06/26/98 ^{NP}	8.87	0.00	--	<50.0	500	<750	<0.500	<0.500	<0.500	<1.00
	09/23/98 ^{NP}	9.88	0.00	--	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00
	12/17/98 ^{NP}	9.22	0.00	--	<50.0	293	<750	<0.500	<0.500	<0.500	<1.00
	03/31/99 ^{NP}	9.01	0.00	--	<50.0	360	<750	<0.500	<0.500	0.526	4.97
	06/30/99 ^{NP}	9.55	0.00	--	<50.0	639	<750	<0.500	0.609	<0.500	1.32
	12/08/99 ^{NP}	8.75	0.00	--	<50.0	<484	<1,450	<0.500	<0.500	<0.500	<1.00
	06/20/00 ^{NP}	8.89	0.00	--	<50.0	<250	<750	<0.500	0.585	<0.500	1.86
	12/19/00	NM	--	--	--	--	--	--	--	--	--
	06/15/01 ^{NP}	7.23	0.00	--	<50.0	368	<866	<0.500	<0.500	<0.500	<1.00
	06/26/01	NM	--	--	--	--	--	--	--	--	--
	09/07/01 ^{NP}	9.19	0.00	--	<50.0	385	<571	<0.500	<0.500	<0.500	<1.00
	10/10/01	NM	--	--	--	--	--	--	--	--	--
	12/28/01	8.89	0.00	--	<50.0	1,160	<500	<0.500	0.902	<0.500	2.78
	03/08/02	NM	--	--	--	--	--	--	--	--	--
	06/24/02	NM	--	--	--	--	--	--	--	--	--
	09/26/02	10.32	0.00	--	<100	<250	<500	1.83	<2.00	<1.00	<1.50
	12/12/02	NM	--	--	--	--	--	--	--	--	--
	03/13/03	10.99	0.00	--	<50.0	<250	<500	<0.500	<0.500	<0.500	<1.00
06/12/03	NM	--	--	--	--	--	--	--	--	--	
09/19/03	11.00	0.00	--	<50.0	<287	<575	<0.500	<0.500	<0.500	<1.00	
SMW4 NE	03/08/95	8.14	0.00	--	38,000	4,100	6,100	13,000	<250	2,400	8,200
	06/06/95	8.90	0.00	--	41,000	5,600	<750	9,400	44	2,700	4,900
	09/07/95	8.99	0.00	--	--	--	--	--	--	--	--
	12/08/95	7.56	0.00	--	40,000	1,600	920	8,100	57	2,600	3,600
	04/01/96	8.13	0.00	--	<50	<250	<750	<0.5	<0.5	<0.5	<1.0
	06/25/96	8.20	0.00	--	28,100	2,680	630	3,900	81.4	1,710	1,710
	09/27/96	8.62	0.00	--	28,600	2,460	<750	6,090	<0.500	2,060	1,730
	03/28/97	8.20	0.00	--	--	--	--	--	--	--	--
	06/30/97	8.06	0.00	--	--	--	--	--	--	--	--
	09/08/97	9.00	0.00	--	--	--	--	--	--	--	--
	12/19/97	9.41	0.04	LPH Present	--	--	--	--	--	--	--
	03/16/98	9.09	0.00	--	--	--	--	--	--	--	--
	06/26/98	8.76	Trace	LPH Present	--	--	--	--	--	--	--
	09/23/98	9.96	0.06	LPH Present	--	--	--	--	--	--	--
	12/17/98	10.22	Trace	LPH Present	--	--	--	--	--	--	--
	03/31/99	8.70	Trace	LPH Present	--	--	--	--	--	--	--
	06/30/99	8.20	Trace	LPH Present	--	--	--	--	--	--	--
	12/08/99	Inaccessible	--	--	--	--	--	--	--	--	--
	06/20/00	Inaccessible	--	--	--	--	--	--	--	--	--
	12/19/00	Inaccessible	--	--	--	--	--	--	--	--	--
	06/15/01	Inaccessible	--	--	--	--	--	--	--	--	--
	06/26/01	NM	--	--	--	--	--	--	--	--	--
	09/07/01	Inaccessible	--	--	--	--	--	--	--	--	--
	10/10/01	NM	--	--	--	--	--	--	--	--	--
	12/28/01	Inaccessible	--	--	--	--	--	--	--	--	--
	03/08/02	NM	--	--	--	--	--	--	--	--	--
	06/24/02	NM	--	--	--	--	--	--	--	--	--
	09/26/02	NM	--	--	--	--	--	--	--	--	--
	12/12/02	NM	--	--	--	--	--	--	--	--	--
	03/13/03	9.55	0.00	--	--	--	--	--	--	--	--
06/12/03	NM	--	--	--	--	--	--	--	--	--	
09/19/03	10.58	0.00	--	--	--	--	--	--	--	--	
MW3 NE	10/10/01	10.11	0.00	--	14,100	4,060	1,990	1,070	<25.0	1,040	292
	12/28/01	9.61	0.00	--	3,340	1,810	<500	92.6	4.62	146	51.2
	03/08/02	NM	--	--	--	--	--	--	--	--	--
	06/24/02	NM	--	--	--	--	--	--	--	--	--
	09/26/02 ^b	10.96	0.00	--	10,600	1,820	<500	326	14.0	685	447
	12/12/02	NM	--	--	--	--	--	--	--	--	--
	03/13/03	7.87	0.00	--	17,200	1,440	<595	86.6	38.1	434	798
	06/12/03	NM	--	--	--	--	--	--	--	--	--
09/19/03	NM	--	--	--	--	--	--	--	--	--	

MTCA Method A Cleanup Levels

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1,000^a 5 40 30 20

TABLE 1
GROUNDWATER ANALYTICAL RESULTS
Tosco Site No. 5353
600 Westlake Avenue North
Seattle, Washington
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Well Name	Sample Date	DTW	LPH	GW Elev.	TPH-G	TPH-D	TPH-O	B	T	E	X	
MW32A 20.70	03/08/95	11.29	0.00	9.69	21,000	2,300	2,300	5,800	1,700	990	2,900	
	06/06/95	--	--	--	--	--	--	--	--	--	--	
	09/07/95	11.27	--	9.43	20,000	2,600	1,600	4,200	470	730	2,000	
	12/08/95	10.61	--	10.06	11,000	1,200	<750	1,600	86	420	910	
	04/01/96	10.90	--	9.80	7,900	1,400	1,000	2,200	58	300	490	
	06/25/96	10.98	--	9.72	7,500	1,260	<750	1,200	60.4	217	435	
	09/27/96	11.37	--	9.61	7,050	1,040	<750	1,870	37.4	264	416	
	03/28/97	11.26	--	9.72	--	--	--	--	--	--	--	
	06/30/97	10.89	--	--	--	--	--	--	--	--	--	
	09/08/97	11.67	0.00	9.31	--	--	--	--	--	--	--	
	12/19/97	11.42	0.00	9.28	--	--	--	--	--	--	--	
	03/16/98	11.30	0.00	9.40	--	--	--	--	--	--	--	
	06/26/98	11.29	0.00	9.41	--	--	--	--	--	--	--	
	09/23/98	11.97	0.00	8.73	--	--	--	--	--	--	--	
	12/17/98	11.09	0.00	9.61	--	--	--	--	--	--	--	
	03/31/99	10.47	0.00	10.23	--	--	--	--	--	--	--	
	06/30/99	9.60	0.00	11.10	--	--	--	--	--	--	--	
	12/08/99	11.07	0.00	9.63	--	--	--	--	--	--	--	
	06/20/00	11.40	0.00	9.30	--	--	--	--	--	--	--	
	12/19/00 ^{NP}	10.90	0.00	9.80	7,010	1,740	<750	4,430	136	438	182	
	06/15/01 ^{NP}	11.31	0.00	9.39	13,700	2,810	<846	2,370	11.2	272	31.1	
	06/26/01 ^{NP}	11.85	0.00	8.85	15,600	1,620	<750	8,780	1,110	1,230	1,020	
	09/07/01 ^{NP}	10.81	0.00	9.89	17,100	4,220	822	5,870	19.9	684	110	
	10/10/01	NM	--	--	--	--	--	--	--	--	--	
	12/28/01	11.29	0.00	9.41	12,200	4,260	711	3,570	180	537	393	
	03/08/02	11.49	0.00	9.21	16,400	4,140	769	4,900	142	619	247	
	06/24/02	11.56	0.00	9.14	6,850	2,040	677	2,820	7.43	221	59.1	
	09/26/02 ²	12.88	0.00	7.82	6,680	3,740	670	1,930	31.4	204	89.7	
	12/12/02	12.72	0.00	7.98	6,750	3,530	528	1,460	55.6	229	283	
	03/13/03	10.95	0.00	9.75	13,000	2,660	<581	1,990	222	419	806	
	06/12/03	11.92	0.00	8.78	17,400	2,730	<500	4,830	200	745	262	
	09/19/03	12.67	0.00	8.03	1,420	<294	<588	64.2	42.7	7.49	135	
	MW33 20.75	03/08/95	11.16	0.00	9.73	4,900	1,400	2,000	650	<25	320	420
06/06/95		--	--	--	--	--	--	--	--	--	--	
09/07/95		11.20	0.00	9.55	9,700	1,400	820	550	140	230	620	
12/08/95		--	--	--	13,000	1,900	1,800	800	240	280	760	
04/01/96		11.00	0.00	9.75	5,200	960	<750	630	33	130	270	
06/25/96		11.05	0.00	9.70	2,700	1,030	<750	230	24.6	46.5	61.1	
09/27/96		11.13	0.00	9.76	5,150	1,190	<750	1,190	237	86.3	272	
03/28/97		11.19	0.00	9.70	--	--	--	--	--	--	--	
06/30/97		10.66	0.00	10.23	--	--	--	--	--	--	--	
09/08/97		10.48	0.00	10.41	--	--	--	--	--	--	--	
12/19/97		--	--	--	--	--	--	--	--	--	--	
03/16/98		--	--	--	--	--	--	--	--	--	--	
06/26/98		11.18	0.00	9.57	--	--	--	--	--	--	--	
09/23/98		11.90	0.00	8.85	--	--	--	--	--	--	--	
12/17/98		11.03	0.00	9.72	--	--	--	--	--	--	--	
03/31/99		10.38	0.00	10.37	--	--	--	--	--	--	--	
06/30/99		9.52	0.00	11.23	--	--	--	--	--	--	--	
12/08/99		10.97	0.00	9.78	--	--	--	--	--	--	--	
06/20/00		11.33	0.00	9.42	--	--	--	--	--	--	--	
12/19/00		Inaccessible	--	--	--	--	--	--	--	--	--	
06/15/01		12.72	2.50	10.16	LPH Present							
06/26/01		NM	--	--	--	--	--	--	--	--	--	
09/07/01		NM	0.3	--	LPH Present							
10/10/01		NM	--	--	--	--	--	--	--	--	--	
12/28/01		11.21	0.00	9.54	141,000	25,200	2,680	5,360	32,600	3,410	22,700	
03/08/02		11.37	0.00	9.38	126,000	31,400	3,420	2,660	21,600	3,420	24,800	
06/24/02		11.36	0.00	9.39	205,000	51,700	14,000	1,510	14,200	3,770	28,900	
09/26/02	12.45	0.10	8.39	LPH Present								
12/12/02	12.34	0.00	8.41	--	--	--	--	--	--	--		
03/13/03	10.59	0.00	10.16	--	--	--	--	--	--	--		
06/12/03	11.65	Sheen	9.10	30,900	4,170	<562	396	526	474	3,890		
09/19/03	6.70	0.00	14.05	125	<291	<581	0.704	<0.500	<0.500	4.30		

MTCA Method A Cleanup Levels
Continued on page 3

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Seattle, Washington
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Well Name	Sample Date	DTW	LPH	GW Elev.	TPH-G	TPH-D	TPH-O	B	T	E	X
MW34 21.42	03/08/95	11.62	0.00	10.08	8,200	1,100	480	2,400	1,500	250	1,300
	06/06/95	11.73	0.00	9.97	9,100	2,300	<750	4,200	1,000	330	1,200
	09/07/95	11.57	0.00	9.85	18,000	1,800	930	4,800	2,300	560	2,000
	12/08/95	10.92	0.00	10.50	68,000	2,900	1,800	12,000	9,200	1,200	5,500
	04/01/96	11.21	0.00	10.21	10,000	1,900	<750	5,500	680	520	1,200
	06/25/96	11.19	0.00	10.23	13,700	1,160	<750	4,190	1,110	393	1,740
	09/27/96	11.58	0.00	10.12	16,300	1,030	<750	5,010	2,520	541	1,310
	03/28/97	11.47	0.00	10.23	--	--	--	--	--	--	--
	06/30/97 ^{NP}	11.19	0.00	10.51	2,970	311	<750	1,930	15.7	271	531
	09/08/97 ^{NP}	11.74	0.00	9.96	8,390	456	<750	3,920	645	567	1,270
	12/19/97	NM	--	--	--	--	--	--	--	--	--
	03/16/98	NM	--	--	--	--	--	--	--	--	--
	06/26/98 ^{NP}	11.42	0.00	10.00	76,900	3,090	<750	13,400	11,100	2,310	9,080
	09/23/98 ^{NP}	12.23	0.00	9.19	9,040	3,000	789	3,540	243	636	1,650
	12/17/98 ^{NP}	11.35	0.00	10.07	80,900	5,470	1,380	14,200	10,800	3,110	11,800
	03/31/99 ^{NP}	10.85	0.00	10.57	33,400	1,910	<750	5,970	1,740	1,400	3,820
	06/30/99 ^{NP}	10.18	0.00	11.24	28,500	4,840	984	4,340	1,320	1,490	3,610
	12/08/99 ^{NP}	11.33	0.00	10.09	62,400	2,500	<1,360	12,900	7,440	3,240	9,210
	06/20/00 ^{NP}	11.68	0.00	9.74	25,000	<250	<750	6,380	480	2,190	3,930
	12/19/00	NM	--	--	--	--	--	--	--	--	--
	06/15/01 ^{NP}	11.85	0.00	9.57	25,800	4,780	<883	5,300	90.0	1,930	2,190
	06/26/01	NM	--	--	--	--	--	--	--	--	--
	09/07/01 ^{NP}	11.86	0.00	9.56	17,800	4,510	722	3,540	44.9	1,510	2,180
	10/10/01	NM	--	--	--	--	--	--	--	--	--
	12/28/01	11.46	0.00	9.96	19,000	8,400	752	5,320	1,200	406	1,010
	03/08/02	11.70	0.00	9.72	59,200	8,550	661	7,200	8,610	2,190	8,200
	06/24/02	11.91	0.00	9.51	12,500	4,200	614	2,140	651	659	1,160
	09/26/02 ²	12.80	0.00	8.62	13,800	6,270	<1,160	5,840	21.8	280	87.0
	12/12/02	12.98	0.00	8.44	14,500	11,000	681	5,130	44.7	333	224
	03/13/03	11.67	0.00	9.75	25,600	6,480	<500	6,030	668	775	1,130
	06/12/03	12.04	0.00	9.38	13,000	2,880	<500	1,590	735	450	1,360
	09/19/03	12.83	0.00	8.59	351	<301	<602	9.91	11.7	6.48	34.6
	MW35 20.10	03/08/95	10.67	0.00	9.60	2,600	1,200	1,300	400	<25	120
06/06/95		10.67	0.00	9.60	810	1,000	930	62	1.4	27	36
09/07/95		10.87	0.00	9.43	--	--	--	--	--	--	--
12/08/95		--	--	--	--	--	--	--	--	--	--
04/01/96		--	--	--	--	--	--	--	--	--	--
06/25/96		11.11	0.00	8.99	1,620	850	<750	68.2	1.11	26.7	17.6
09/27/96		10.64	0.00	9.63	959	524	<750	38.8	0.990	10.4	6.18
03/28/97 ^{NP}		11.28	0.00	8.99	1,370	333	<750	161	2.36	31.9	10.7
03/28/97		11.28	0.00	8.99	1,800	<250	<750	250	2.62	49.1	8.04
06/30/97 ^{NP}		10.19	0.00	10.08	1,900	<250	<750	348	<2.50	85	7.31
09/08/97 ^{NP}		10.86	0.00	9.41	4,200	<250	<750	1,480	16.2	231	68.2
12/19/97		NM	--	--	--	--	--	--	--	--	--
03/16/98 ^{NP}		10.64	0.00	9.46	905	361	<750	410	4.24	<2.50	<5.00
06/26/98 ^{NP}		10.65	0.00	9.45	1,300	682	<750	600	<10.0	45.1	<20.0
09/23/98 ^{NP}		11.38	0.00	8.72	665	659	<750	243	<2.50	<2.50	<5.00
12/17/98 ^{NP}		10.49	0.00	9.61	699	572	<750	402	<2.50	10.8	9.99
03/31/99		Obstructed by vehicle	--	--	--	--	--	--	--	--	--
06/30/99		Obstructed by vehicle	--	--	--	--	--	--	--	--	--
12/08/99		Obstructed by vehicle	--	--	--	--	--	--	--	--	--
06/20/00		Obstructed by vehicle	--	--	--	--	--	--	--	--	--
12/19/00		Obstructed by vehicle	--	--	--	--	--	--	--	--	--
06/15/01		NM	--	--	--	--	--	--	--	--	--
06/26/01 ^{NP}		10.60	0.00	9.50	504	464	<750	11.3	27.5	5.52	28.4
09/04/01 ^{NP}		10.54	0.00	9.56	263	903	<564	2.36	<0.500	<0.500	<1.00
10/10/01		NM	--	--	--	--	--	--	--	--	--
12/28/01		10.54	0.00	9.56	691	1,160	<500	28.7	0.898	14.1	13.2
03/08/02		10.72	0.00	9.38	638	1,100	<500	16.2	0.939	7.05	6.91
06/24/02	Obstructed by vehicle	--	--	--	--	--	--	--	--	--	
09/26/02 ²	11.90	0.00	8.20	555	1,420	<500	9.49	<2.00	1.78	<1.50	
12/12/02	Obstructed by vehicle	--	--	--	--	--	--	--	--	--	
03/13/03	9.87	0.00	10.23	13,500	1,430	<500	749	153	791	2,160	
06/12/03	11.91	0.00	8.19	3,930	973	<562	338	21.2	49.9	222	
09/19/03	12.18	0.00	7.92	517	<373	<746	7.29	4.32	1.86	14.6	
MTCA Method A Cleanup Levels					1,000 ^a	5	40	30	20		

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TABLE 1
GROUNDWATER ANALYTICAL RESULTS
Tosco Site No. 5353
600 Westlake Avenue North
Seattle, Washington
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Well Name	Sample Date	DTW	LPH	GW Elev.	TPH-G	TPH-D	TPH-O	B	T	E	X	
MW36 17.80	03/08/95	9.07	0.00	8.97	<50	560	1,200	2.6	<0.5	<0.5	<1.0	
	06/06/95	7.92	0.00	10.12	<50	<250	<750	1	<0.5	<0.5	<1.0	
	09/07/95	8.11	0.00	9.69	<50	<250	<750	<0.5	<0.5	<0.5	<1.0	
	12/08/95	9.00	0.00	8.80	<50	510	1,200	1.1	<0.5	<0.5	<1.0	
	04/01/96	9.00	0.00	8.80	<50	<250	<750	<0.5	<0.5	<0.5	<1.0	
	06/25/96	8.97	0.00	--	<50.0	<250	<750	0.58	0.500	<0.500	<1.00	
	09/27/96	7.53	0.00	10.51	<50.0	<250	<750	1.18	<0.500	<0.500	<1.00	
	03/28/97	9.21	0.00	8.83	<50.0	<250	<750	0.810	<0.500	<0.500	<1.00	
	06/30/97 ^{NP}	6.88	0.00	11.16	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	
	09/08/97 ^{NP}	9.21	0.00	8.83	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	
	12/19/97 ^{NP}	10.09	0.00	7.71	<50.0	<250	<750	0.606	<0.500	<0.500	<1.00	
	03/16/98 ^{NP}	9.29	0.00	8.51	56.6	287	<750	<0.500	<0.500	<0.500	<1.00	
	06/26/98 ^{NP}	8.47	0.00	9.33	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	
	09/23/98 ^{NP}	9.89	0.00	7.91	<50.0	<250	<750	0.737	<0.500	<0.500	1.13	
	12/17/98 ^{NP}	10.00	0.00	7.80	<50.0	288	<750	0.533	<0.500	<0.500	<1.00	
	03/31/99 ^{NP}	8.96	0.00	8.84	<50.0	321	<750	0.759	<0.500	<0.500	<1.00	
	06/30/99 ^{NP}	8.44	0.00	9.36	<50.0	<250	<750	1.29	<0.500	<0.500	<1.00	
	12/08/99 ^{NP}	10.05	0.00	7.75	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	
	06/20/00 ^{NP}	8.47	0.00	9.33	172	<250	<750	<0.500	0.583	1.78	11.1	
	12/19/00 ^{NP}	9.50	0.00	8.30	106	<250	<750	0.529	1.51	1.08	7.14	
	06/15/01 ^{NP}	8.00	0.00	9.80	<50.0	298	<750	0.691	0.648	0.530	1.53	
	06/26/01	NM	--	--	--	--	--	--	--	--	--	--
	09/07/01 ^{NP}	8.70	0.00	9.10	<50.0	<250	<500	0.897	<0.500	<0.500	<1.00	
	10/10/01	NM	--	--	--	--	--	--	--	--	--	--
	12/28/01	9.57	0.00	8.23	<50.0	387	<500	0.773	0.748	<0.500	1.78	
	03/08/02	NM	--	--	--	--	--	--	--	--	--	--
	06/24/02	NM	--	--	--	--	--	--	--	--	--	--
	09/26/02	10.16	0.00	7.64	<100	<250	<500	0.735	<2.00	<1.00	<1.50	
	12/12/02	NM	--	--	--	--	--	--	--	--	--	--
	03/13/03	9.34	0.00	8.46	<50.0	<250	<500	0.830	<0.500	<0.500	<1.00	
06/12/03	NM	--	--	--	--	--	--	--	--	--	--	
09/19/03	10.23	0.00	7.57	<50.0	<287	<575	1.44	0.561	<0.500	<1.00		
MW37 21.01	03/08/95	11.94	0.00	9.24	34	3,200	1,400	3,100	2,400	1,200	6,700	
	06/06/95	11.76	0.01	9.43	45	4,600	2,500	3,700	2,400	1,300	7,900	
	06/06/95	11.76	0.01	9.43	90	--	--	--	5,100	6,000	2,400	14,000
	09/07/95	11.17	0.00	9.84	--	--	--	--	--	--	--	
	12/08/95	10.22	0.00	10.79	--	--	--	--	--	--	--	
	04/01/96	10.79	0.02	10.22	LPH Present	--	--	--	--	--	--	
	06/25/96	10.82	0.20	10.19	LPH Present	--	--	--	--	--	--	
	09/27/96	11.47	0.05	9.75	LPH Present	--	--	--	--	--	--	
	03/28/97 ^{NP}	11.14	0.25	10.40	60,100	7,670	789	1,530	2,180	1,650	7,440	
	03/28/97	11.14	0.25	10.40	297,000	45,100	<8,250	6,670	13,200	4,930	22,900	
	06/30/97	10.80	0.02	10.23	LPH Present	--	--	--	--	--	--	
	09/08/97	11.41	0.23	9.77	LPH Present	--	--	--	--	--	--	
	12/19/97	11.28	0.02	9.75	LPH Present	--	--	--	--	--	--	
	03/16/98	11.11	0.01	9.91	LPH Present	--	--	--	--	--	--	
	06/26/98	11.32	0.01	9.70	LPH Present	--	--	--	--	--	--	
	09/23/98	12.01	0.03	9.03	LPH Present	--	--	--	--	--	--	
	12/17/98	11.00	Trace	10.01	LPH Present	--	--	--	--	--	--	
	03/31/99	--	Trace	--	LPH Present	--	--	--	--	--	--	
	06/30/99	DRY	0.30	--	LPH Present	--	--	--	--	--	--	
	12/08/99	11.11	--	9.90	--	--	--	--	--	--	--	
	06/20/00	11.50	--	9.51	--	--	--	--	--	--	--	
	12/19/00	11.50	0.50	9.94	LPH Present	--	--	--	--	--	--	
	06/15/01 ^{NP}	11.35	0.03	9.68	LPH Present	--	--	--	--	--	--	
	06/26/01	NM	--	--	--	--	--	--	--	--	--	
	09/07/01 ^{NP}	11.43	0.00	9.58	159,000	22,100	14,600	3,420	12,600	4,440	27,000	
	10/10/01	NM	--	--	--	--	--	--	--	--	--	
	12/28/01 ^{NP}	11.00	0.20	10.18	LPH Present	--	--	--	--	--	--	
	03/08/02	11.61	0.40	9.74	LPH Present	--	--	--	--	--	--	
	06/24/02	Inaccessible	--	--	--	--	--	--	--	--	--	
	09/26/02	12.38	0.00	8.63	--	--	--	--	--	--	--	
12/12/02	12.35	0.00	8.66	--	--	--	--	--	--	--		
03/13/03	11.10	0.00	9.91	--	--	--	--	--	--	--		
06/12/03	11.61	0.00	9.40	1,460	474	<568	22.9	43.2	15.8	85.5		
09/19/03	11.95	0.00	9.06	141	<298	<595	<0.500	<0.500	<0.500	1.01		
MTCA Method A Cleanup Levels						1,000 ^a	5	40	30	20		

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TABLE 1
GROUNDWATER ANALYTICAL RESULTS
Tosco Site No. 5353
600 Westlake Avenue North
Seattle, Washington
Page 5 of 9

Well Name	Sample Date	DTW	LPH	GW Elev.	TPH-G	TPH-D	TPH-O	B	T	E	X
MW38 16.52	03/08/95	--	--	--	--	--	--	--	--	--	--
	06/06/95	--	--	--	--	--	--	--	--	--	--
	09/07/95	--	--	--	--	--	--	--	--	--	--
	12/08/95	--	--	--	--	--	--	--	--	--	--
	04/01/96	--	--	--	--	--	--	--	--	--	--
	06/25/96	--	--	--	--	--	--	--	--	--	--
	09/27/96	--	--	--	--	--	--	--	--	--	--
	03/28/97	9.23	0.00	7.60	<50	<250	<750	<0.500	<0.500	<0.500	<1.00
	06/30/97	--	--	--	--	--	--	--	--	--	--
	09/08/97	--	--	--	--	--	--	--	--	--	--
	12/19/97	NM	--	--	--	--	--	--	--	--	--
	03/16/98	NM	--	--	--	--	--	--	--	--	--
	06/26/98	NM	--	--	--	--	--	--	--	--	--
	09/23/98	NM	--	--	--	--	--	--	--	--	--
	12/17/98	NM	--	--	--	--	--	--	--	--	--
	03/31/99	NM	--	--	--	--	--	--	--	--	--
	06/30/99	NM	--	--	--	--	--	--	--	--	--
	12/08/99	NM	--	--	--	--	--	--	--	--	--
	06/20/00	NM	--	--	--	--	--	--	--	--	--
	12/19/00	NM	--	--	--	--	--	--	--	--	--
	06/15/01	NM	--	--	--	--	--	--	--	--	--
	06/26/01	NM	--	--	--	--	--	--	--	--	--
	09/07/01	NM	--	--	--	--	--	--	--	--	--
	10/10/01	NM	--	--	--	--	--	--	--	--	--
	12/28/01	8.96	0.00	7.56	<50.0	403	<500	0.636	1.33	0.554	2.59
03/08/02	NM	--	--	--	--	--	--	--	--	--	
06/24/02	NM	--	--	--	--	--	--	--	--	--	
09/26/02 ¹	8.87	0.00	7.65	<100	282	<500	0.743	<2.00	<1.00	<1.50	
12/12/02	NM	--	--	--	--	--	--	--	--	--	
03/13/03	7.84	0.00	8.68	<50.0	<250	<500	<0.500	<0.500	<0.500	<1.00	
06/12/03	NM	--	--	--	--	--	--	--	--	--	
09/19/03	8.90	0.00	7.62	<50.0	<250	<500	0.704	1.42	0.722	3.72	
MW40 20.89	03/08/95	10.98	0.00	10.14	960	2,600	2,600	11	<0.5	11	<1.0
	06/06/95	11.18	0.00	9.94	1,600	2,300	1,600	6.8	4.3	4.1	21
	09/07/95	11.08	0.00	9.81	660	13,000	66,000	11	0.91	0.57	<1.0
	12/08/95	10.30	0.00	10.59	500	1,400	4,800	2.7	3	<0.5	<1.0
	04/01/96	10.56	0.00	10.33	520	3,200	13,000	1.2	<0.5	0.55	<1.0
	06/25/96	10.69	0.00	10.20	500	2,700	8,460	<0.500	9.82	<0.500	<1.00
	09/27/96	10.95	0.00	10.17	602	3,650	9,860	0.604	41.1	0.525	<1.0
	03/28/97	10.92	0.00	10.20	--	--	--	--	--	--	--
	06/30/97	--	--	--	--	--	--	--	--	--	--
	09/08/97	--	--	--	--	--	--	--	--	--	--
	12/19/97 ¹¹	11.11	0.00	9.78	325	3,260	12,600	<0.500	0.504	0.663	2.44
	03/16/98	NM	--	--	--	--	--	--	--	--	--
	06/26/98	NM	--	--	--	--	--	--	--	--	--
	09/23/98	NM	--	--	--	--	--	--	--	--	--
	12/17/98 ¹¹	10.86	0.00	10.03	384	2,840	9,620	<0.500	<0.500	<0.500	<1.00
	03/31/99	NM	--	--	--	--	--	--	--	--	--
	06/30/99	NM	--	--	--	--	--	--	--	--	--
	12/08/99	NM	--	--	--	--	--	--	--	--	--
	06/20/00	NM	--	--	--	--	--	--	--	--	--
	12/09/00	NM	--	--	--	--	--	--	--	--	--
	12/19/00	NM	--	--	--	--	--	--	--	--	--
	06/15/01	NM	--	--	--	--	--	--	--	--	--
	06/26/01	NM	--	--	--	--	--	--	--	--	--
	09/07/01	NM	--	--	--	--	--	--	--	--	--
	10/10/01	NM	--	--	--	--	--	--	--	--	--
12/28/01	10.75	0.00	10.14	449	4,000	8,090	2.12	2.19	1.38	3.88	
03/08/02	NM	--	--	--	--	--	--	--	--	--	
06/24/02	NM	--	--	--	--	--	--	--	--	--	
09/26/02	12.69	0.00	8.20	331	2,810	3,470	1.92	<2.00	<1.00	<1.50	
12/12/02	NM	--	--	--	--	--	--	--	--	--	
03/13/03	11.30	0.00	9.59	509	2,010	2,010	<0.500	<0.500	0.630	1.77	
06/12/03	NM	--	--	--	--	--	--	--	--	--	
09/19/03	12.46	0.00	8.43	269	393	1,120	2.64	3.01	1.39	6.77	
MTCA Method A Cleanup Levels							1,000 ^a	5	40	30	20

Continued on page 6

TABLE 1
GROUNDWATER ANALYTICAL RESULTS
Tosco Site No. 5353
600 Westlake Avenue North
Seattle, Washington
Page 6 of 9

Well Name	Sample Date	DTW	LPH	GW Elev.	TPH-G	TPH-D	TPH-O	B	T	E	X
MW41 27.00	03/08/95	14.72	--	12.48	<50	<250	<750	1.6	<0.5	<0.5	<1.0
	06/06/95	15.02	--	12.18	<50	<250	<750	<0.5	<0.5	<0.5	<1.0
	09/07/95	15.00	--	12.00	<50	<250	<750	<0.5	<0.5	<0.5	<1.0
	12/08/95	16.30	--	10.70	<50	<250	<750	<0.5	<0.5	<0.5	<1.0
	04/01/96	15.02	--	11.98	<50	<250	<750	<0.5	<0.5	<0.5	<1.0
	06/25/96	15.07	--	11.93	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00
	09/27/96	15.42	0.00	11.78	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00
	03/28/97	15.27	0.00	11.93	--	--	--	--	--	--	--
	06/30/97	--	--	--	--	--	--	--	--	--	--
	09/08/97	--	--	--	--	--	--	--	--	--	--
	12/19/97	NM	--	--	--	--	--	--	--	--	--
	03/16/98	NM	--	--	--	--	--	--	--	--	--
	06/26/98	NM	--	--	--	--	--	--	--	--	--
	09/23/98	NM	--	--	--	--	--	--	--	--	--
	12/17/98	NM	--	--	--	--	--	--	--	--	--
	03/31/99	NM	--	--	--	--	--	--	--	--	--
	06/30/99	NM	--	--	--	--	--	--	--	--	--
	12/08/99	NM	--	--	--	--	--	--	--	--	--
	06/20/00	NM	--	--	--	--	--	--	--	--	--
	12/19/00	NM	--	--	--	--	--	--	--	--	--
	06/15/01	NM	--	--	--	--	--	--	--	--	--
	06/26/01	NM	--	--	--	--	--	--	--	--	--
	09/07/01	NM	--	--	--	--	--	--	--	--	--
	10/10/01	NM	--	--	--	--	--	--	--	--	--
	12/28/01	NM	--	--	--	--	--	--	--	--	--
	03/08/02	NM	--	--	--	--	--	--	--	--	--
	06/24/02	NM	--	--	--	--	--	--	--	--	--
	09/26/02	NM	--	--	--	--	--	--	--	--	--
	12/12/02	NM	--	--	--	--	--	--	--	--	--
	03/13/03	NM	--	--	--	--	--	--	--	--	--
06/12/03	NM	--	--	--	--	--	--	--	--	--	
09/19/03	NM	--	--	--	--	--	--	--	--	--	
MW42 20.34	03/08/95	9.45	0.00	10.91	130	670	1,200	790	<25	<25	<50
	06/06/95	9.37	0.00	10.89	120	920	1,500	500	<0.56	<0.5	<1.0
	09/07/95	9.50	0.00	10.84	3,000	780	1,200	210	4.1	42	230
	12/08/95	8.95	0.00	11.39	200	1,300	1,900	380	<2.0	<2.0	<4.0
	04/01/96	9.03	0.00	11.31	180	650	<750	280	0.52	<0.5	<1.0
	06/25/96	9.07	0.00	11.27	150	720	<750	150	<0.500	<0.500	<1.00
	09/27/96	9.12	0.00	11.24	<250	534	<750	228	<2.50	<2.50	<5.00
	03/28/97	9.09	0.00	11.27	--	--	--	--	--	--	--
	06/30/97	8.92	0.00	11.44	--	--	--	--	--	--	--
	09/08/97	9.57	0.00	10.79	--	--	--	--	--	--	--
	12/19/97	NM	--	--	--	--	--	--	--	--	--
	03/16/98	9.53	0.00	10.81	--	--	--	--	--	--	--
	06/26/98	9.51	0.00	10.83	--	--	--	--	--	--	--
	09/23/98	9.96	0.00	10.38	--	--	--	--	--	--	--
	12/17/98	9.10	0.00	11.24	--	--	--	--	--	--	--
	03/31/99	9.00	0.00	11.34	--	--	--	--	--	--	--
	06/30/99	8.60	0.00	11.74	--	--	--	--	--	--	--
	12/08/99	8.00	0.00	12.34	--	--	--	--	--	--	--
	06/20/00	NM	--	--	--	--	--	--	--	--	--
	12/19/00	NM	--	--	--	--	--	--	--	--	--
	06/15/01	9.41	0.00	10.93	--	--	--	--	--	--	--
	06/26/01	NM	--	--	--	--	--	--	--	--	--
	09/07/01	9.66	0.00	10.68	--	--	--	--	--	--	--
	10/10/01	NM	--	--	--	--	--	--	--	--	--
	12/28/01	10.28	0.00	10.06	--	--	--	--	--	--	--
	03/08/02	9.75	0.00	10.59	--	--	--	--	--	--	--
	06/24/02	NM	--	--	--	--	--	--	--	--	--
	09/26/02	10.81	0.00	9.53	--	--	--	--	--	--	--
	12/12/02	10.89	0.00	9.45	--	--	--	--	--	--	--
	03/13/03	9.77	0.00	10.57	--	--	--	--	--	--	--
06/12/03	NM	--	--	--	--	--	--	--	--	--	
09/19/03	11.45	0.00	8.89	--	--	--	--	--	--	--	
MTCA Method A Cleanup Levels					1,000*	5	40	30	20		

Continued on page 7

TABLE 1
GROUNDWATER ANALYTICAL RESULTS
Tosco Site No. 5353
600 Westlake Avenue North
Seattle, Washington
Page 7 of 9

Well Name	Sample Date	DTW	LPH	GW Elev.	TPH-G	TPH-D	TPH-O	B	T	E	X
MW43 21.04	03/08/95	11.35	0.00	9.94	<50	660	2,400	26	<0.5	<0.5	<1.0
	06/06/95	11.45	0.00	9.84	<50	690	1,600	8.2	<0.5	<0.5	<1.0
	09/07/95	11.14	0.00	9.90	<50	<250	650	10	<0.5	<0.5	<1.0
	12/08/95	10.85	0.00	10.19	<50	960	3,100	37	<0.5	<0.5	<1.0
	04/01/96	10.98	0.00	10.06	<50	300	<750	4.5	<0.5	<0.5	<1.0
	06/25/96	11.06	0.00	9.98	<50.0	370	<750	2.57	<0.500	<0.500	<1.00
	09/27/96	11.33	0.00	9.96	<50.0	339	<750	4.4	<0.5	<0.500	<1.00
	03/28/97	11.13	0.00	9.98	<50.0	<250	<750	6.89	0.884	<0.500	2.47
	06/30/97 ^{NP}	7.08	0.00	14.21	<50.0	<250	<750	69.2	<0.500	<0.500	<1.00
	09/08/97 ^{NP}	11.46	0.00	9.83	83	<250	<750	35.6	<0.500	2.10	3.08
	12/19/97	NM	--	--	--	--	--	--	--	--	--
	03/16/98 ^{NP}	11.09	0.00	9.95	76.3	408	<750	26.6	<0.500	<0.500	<1.00
	06/26/98 ^{NP}	11.26	0.00	9.78	<50.0	346	<750	69.6	<0.500	<0.500	<1.00
	09/23/98 ^{NP}	11.75	0.00	9.29	<50.0	267	<750	9.05	<0.500	<0.500	<1.00
	12/17/98 ^{NP}	11.07	0.00	9.97	<50.0	<250	<750	33.0	<0.500	<0.500	<1.00
	03/31/99 ^{NP}	10.97	0.00	10.07	<50.0	267	<750	9.84	<0.500	0.782	2.47
	06/30/99 ^{NP}	9.97	0.00	11.07	146	263	<750	28.2	7.47	2.95	17.5
	12/08/99 ^{NP}	11.06	0.00	9.98	<50.0	<250	<750	20.6	<0.500	<0.500	<1.00
	06/20/00 ^{NP}	11.40	0.00	9.64	<50.0	<250	<750	3.79	<0.500	<0.500	<1.00
	12/19/00 ^{NP}	11.40	0.00	9.64	55.9	263	<749	2.97	0.948	0.730	4.78
	06/15/01 ^{NP}	11.32	0.00	9.72	<50.0	405	<750	0.670	<0.500	<0.500	1.22
	06/26/01	NM	--	--	--	--	--	--	--	--	--
	09/07/01 ^{NP}	11.46	0.00	9.58	<50.0	<293	<587	<0.500	<0.500	<0.500	<1.00
	10/10/01	NM	--	--	--	--	--	--	--	--	--
	12/28/01	11.17	0.00	9.87	52.0	487	<500	5.61	1.18	0.558	3.34
	03/08/02	NM	--	--	--	--	--	--	--	--	--
	06/24/02	NM	--	--	--	--	--	--	--	--	--
	09/26/02 ^P	12.28	0.00	8.76	<100	303	<500	0.669	<2.00	<1.00	<1.50
	12/12/02	NM	--	--	--	--	--	--	--	--	--
	03/13/03	11.20	0.00	9.84	<50.0	<321	<641	0.883	<0.500	<0.500	<1.00
	06/12/03	NM	--	--	--	--	--	--	--	--	--
	09/19/03	12.37	0.00	8.67	<50.0	<291	<588	1.76	<0.500	<0.500	<1.00
	MW44 18.73	03/08/95	9.44	0.00	10.46	<50	290	940	<0.5	<0.5	<0.5
06/06/95		8.28	0.00	10.62	<50	<250	820	<0.5	<0.5	<0.5	1.6
09/07/95		7.94	0.00	10.79	<50	<250	<750	<0.5	<0.5	<0.5	<1.0
12/08/95		8.09	0.00	10.64	<50	520	2,600	<0.5	<0.5	<0.5	<1.0
04/01/96		7.98	0.00	10.75	<50	<250	<750	<0.5	<0.5	<0.5	<1.0
06/25/96		7.90	0.00	10.83	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00
09/27/96		8.28	0.00	10.59	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00
03/28/97		8.07	0.00	10.83	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00
06/30/97 ^{NP}		7.84	0.00	11.06	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00
09/08/97 ^{NP}		8.65	0.00	10.25	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00
12/19/97 ^{NP}		8.51	0.00	10.22	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00
03/16/98 ^{NP}		8.43	0.00	10.30	60.0	310	<750	<0.500	<0.500	<0.500	<1.00
06/26/98 ^{NP}		8.37	0.00	10.36	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00
09/23/98 ^{NP}		9.30	0.00	9.43	<50.0	343	<750	<0.500	<0.500	<0.500	<1.00
12/17/98 ^{NP}		8.10	0.00	10.63	<50.0	271	<750	<0.500	<0.500	<0.500	<1.00
03/31/99 ^{NP}		8.18	0.00	10.55	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00
06/30/99 ^{NP}		8.03	0.00	10.70	<50.0	393	<750	<0.500	0.619	<0.500	1.21
12/08/99 ^{NP}		8.52	0.00	10.21	<50.0	281	<750	<0.500	<0.500	<0.500	<1.00
06/20/00 ^{NP}		9.53	0.00	9.20	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00
12/19/00 ^{NP}		9.20	0.00	9.53	301	330	<750	<0.500	1.64	2.76	22.1
06/15/01 ^{NP}		8.44	0.00	10.29	<50.0	468	<841	<0.500	<0.500	<0.500	<1.00
06/26/01		NM	--	--	--	--	--	--	--	--	--
09/07/01 ^{NP}		9.48	0.00	9.25	10,300	4,260	849	1,060	6.97	945	51.0
10/10/01		NM	--	--	--	--	--	--	--	--	--
12/28/01		9.31	0.00	9.42	90.6	823	<500	10.9	1.40	0.644	4.04
03/08/02		NM	--	--	--	--	--	--	--	--	--
06/24/02		NM	--	--	--	--	--	--	--	--	--
09/26/02 ^P		10.79	0.00	7.94	<100	1,600	669	14.2	<2.00	<1.00	<1.50
12/12/02		NM	--	--	--	--	--	--	--	--	--
03/13/03		11.58	0.00	7.15	196	347	<575	26.8	<0.500	<0.500	<1.00
06/12/03		NM	--	--	--	--	--	--	--	--	--
09/19/03		10.97	0.00	7.76	156	<301	<602	20.2	0.997	<0.500	2.61
MTCA Method A Cleanup Levels						1,000 ^a	5	40	30	20	

Continued on page 8

TABLE 1
GROUNDWATER ANALYTICAL RESULTS
Tosco Site No. 5353
600 Westlake Avenue North
Seattle, Washington
Page 8 of 9

Well Name	Sample Date	DTW	LPH	GW Elev.	TPH-G	TPH-D	TPH-O	B	T	E	X	
MW45 NE	09/07/01 ^{NP}	9.80	0.00	--	<50.0	375	<606	<0.500	<0.500	<0.500	<1.00	
	10/10/01	NM	--	--	--	--	--	--	--	--	--	
	12/28/01	9.03	0.00	--	17,300	2,210	697	2,130	73.4	1,330	2,970	
	03/08/02	9.12	0.00	--	18,500	2,380	686	2,090	38.4	1,190	1,650	
	06/24/02	9.00	0.00	--	8,100	1,920	761	1,330	6.39	481	235	
	09/26/02 ²	10.20	0.00	--	2,420	1,190	647	394	3.41	204	106	
	12/12/02	Obsructed by vehicle	--	--	--	--	--	--	--	--	--	--
	03/13/03	8.05	0.00	--	3,690	2,050	<500	219	133	99.4	368	
	06/12/03	9.16	0.00	--	10,700	1,470	<575	1,360	10.8	954	631	
	09/19/03	10.68	0.00	--	583	<298	<595	1.93	2.25	5.65	38.6	
	MW46 16.91	03/08/95	8.00	0.00	8.91	<50	720	3,600	<0.5	<0.5	<0.5	<1.0
		06/06/95	7.30	0.00	10.01	<50	<250	1,400	<0.5	<0.5	<0.5	<1.0
09/07/95		7.80	0.00	8.93	<50	710	5,600	<0.5	<0.5	<0.5	<1.0	
12/08/95		8.32	0.00	8.59	<50	1,400	14,000	<0.5	<0.5	<0.5	<1.0	
04/01/96		7.04	0.00	9.87	<50	<400	2,800	<0.5	<0.5	<0.5	<1.0	
06/25/96		7.85	0.00	9.06	<50.0	440	2,090	<0.500	<0.500	<0.500	<1.00	
09/27/96		7.57	0.00	9.74	<50.0	267	<750	0.518	<0.500	<0.500	<1.00	
03/28/97		7.25	0.00	10.06	<50.0	<250	<750	<0.500	1.25	<0.500	2.06	
06/30/97		7.12	0.00	10.19	--	--	--	--	--	--	--	
09/08/97		8.82	0.00	8.49	--	--	--	--	--	--	--	
12/19/97 ^{NP}		9.40	0.00	7.51	<50.0	<250	<750	<0.500	<0.500	<0.500	<1.00	
03/16/98		NM	--	--	--	--	--	--	--	--	--	
06/26/98		NM	--	--	--	--	--	--	--	--	--	
09/23/98		NM	--	--	--	--	--	--	--	--	--	
12/17/98 ^{NP}		9.20	0.00	7.71	<50.0	354	<750	<0.500	<0.500	<0.500	<1.00	
03/31/99		NM	--	--	--	--	--	--	--	--	--	
06/30/99		NM	--	--	--	--	--	--	--	--	--	
12/08/99		NM	--	--	--	--	--	--	--	--	--	
06/20/00		NM	--	--	--	--	--	--	--	--	--	
12/19/00*		12.70	0.00	4.21	226	277	<750	<0.500	2.18	2.53	18.0	
06/15/01 ^{NP}		7.19	0.00	9.72	<50.0	295	<750	<0.500	<0.500	<0.500	1.39	
06/26/01		NM	--	--	--	--	--	--	--	--	--	
09/07/01		NM	--	--	--	--	--	--	--	--	--	
10/10/01		NM	--	--	--	--	--	--	--	--	--	
12/28/01		Covered by asphalt	--	--	--	--	--	--	--	--	--	
03/08/02		NM	--	--	--	--	--	--	--	--	--	
06/24/02		NM	--	--	--	--	--	--	--	--	--	
09/26/02		Covered by asphalt	--	--	--	--	--	--	--	--	--	
12/12/02		NM	--	--	--	--	--	--	--	--	--	
03/13/03		Covered by asphalt	--	--	--	--	--	--	--	--	--	
06/12/03		NM	--	--	--	--	--	--	--	--	--	
09/19/03		Covered by asphalt	--	--	--	--	--	--	--	--	--	
MW47 19.83	03/08/95	10.88	0.00	9.16	<50	330	1,600	6.3	<0.5	<0.5	<1.0	
	06/06/95	10.91	0.00	9.13	70	380	780	18	0.59	<0.5	2.3	
	09/07/95	10.76	0.00	9.07	<50	260	<750	1.7	<0.5	<0.5	<1.0	
	12/08/95	10.40	0.00	9.43	740	580	2,000	<0.5	<0.5	<0.5	<1.0	
	04/01/96	10.67	0.00	9.16	<50	<250	<750	4.4	<0.5	<0.5	<1.0	
	06/25/96	10.71	0.00	9.12	110	400	<750	14.4	<0.500	<0.500	<1.00	
	09/27/96	10.85	0.00	9.19	<50.0	<250	<750	4.34	<0.500	<0.500	<1.00	
	03/28/97 ^{NP}	10.92	0.00	9.12	64.5	<250	<750	7.61	<0.500	<0.500	1.57	
	03/28/97	10.92	0.00	9.12	177	<250	<750	62.6	<0.500	<0.500	<1.00	
	06/30/97	--	--	--	--	--	--	--	--	--	--	
	09/08/97	--	--	--	--	--	--	--	--	--	--	
	12/19/97	--	--	--	--	--	--	--	--	--	--	
	03/16/98	--	--	--	--	--	--	--	--	--	--	
	06/26/98 ^{NP}	10.78	0.00	9.05	<50.0	356	<750	27.3	<0.500	<0.500	<1.00	
	09/23/98	--	--	--	--	--	--	--	--	--	--	
	12/17/98 ^{NP}	10.61	0.00	9.22	<50.0	<250	<750	3.34	<0.500	<0.500	1.12	
	03/31/99	9.65	0.00	10.18	--	--	--	--	--	--	--	
	06/30/99	--	0.00	--	--	--	--	--	--	--	--	
	12/08/99	--	--	--	--	--	--	--	--	--	--	
	06/20/00 ^{NP}	10.94	0.00	8.89	<50.0	<250	<750	<1.30	<0.500	<0.500	<1.00	
	12/19/00 ^{NP}	11.20	0.00	8.63	1,910	357	<750	<0.500	6.10	10.6	77.3	
	06/15/01	10.98	0.00	8.85	<50.0	591	<952	0.709	0.504	<0.500	1.18	
	06/26/01	NM	--	--	--	--	--	--	--	--	--	
	09/07/01 ^{NP}	11.14	0.00	8.69	<50.0	356	<500	<0.500	<0.500	<0.500	<1.00	
	10/10/01	NM	--	--	--	--	--	--	--	--	--	
	12/28/01	10.90	0.00	8.93	181	542	<500	7.64	1.49	4.79	37.8	
	03/08/02	NM	--	--	--	--	--	--	--	--	--	
	06/24/02	NM	--	--	--	--	--	--	--	--	--	
	09/26/02 ²	11.85	0.00	7.98	106	747	<500	2.36	<2.00	<1.00	<1.50	
	12/12/02	NM	--	--	--	--	--	--	--	--	--	
	03/13/03	10.91	0.00	8.92	75.5	<284	<568	<0.500	<0.500	<0.500	<1.00	
	06/12/03	NM	--	--	--	--	--	--	--	--	--	
09/19/03	12.05	0.00	7.78	76.8	<294	<588	3.41	<0.500	<0.500	1.14		

MTCA Method A Cleanup Levels
Continued on page 9

1,000^a 5 40 30 20

TABLE 1
GROUNDWATER ANALYTICAL RESULTS
Tosco Site No. 5353
600 Westlake Avenue North
Seattle, Washington
Page 9 of 9

Well Name	Sample Date	DTW	LPH	GW Elev.	TPH-G	TPH-D	TPH-O	B	T	E	X
MW50 NE	10/10/01	11.11	0.00	--	8,970	2,200	<606	674	221	382	779
	12/28/01	10.45	0.00	--	23,200	3,460	<500	1,630	3,690	991	4,480
	03/08/02	Obstructed by vehicle	--	--	--	--	--	--	--	--	--
	06/24/02	10.84	0.00	--	8,290	1,970	688	414	22.9	314	2,010
	09/26/02	Obstructed by vehicle	--	--	--	--	--	--	--	--	--
	12/12/02	Obstructed by vehicle	--	--	--	--	--	--	--	--	--
	03/13/03	9.93	0.00	--	12,200	1,810	<588	733	127	623	1,100
	06/12/03	11.27	0.00	--	6,450	1,740	<500	448	13.7	299	286
	09/19/03	12.05	0.00	--	4,440	<250	<500	61.7	315	26.1	462
	MW51 NE	10/10/01	11.68	0.00	--	671	11,700	2,160	10.1	10.4	7.75
12/28/01		11.20	0.00	--	631	2,170	3,100	37.0	75.6	30.4	81.2
03/08/02		11.38	0.00	--	102	2,360	1,610	6.22	5.89	3.84	10.4
06/24/02		11.60	0.00	--	67.7	2,650	1,730	1.28	1.42	0.699	2.51
09/26/02 ^b		12.18	0.00	--	<100	1,660	875	0.848	<2.00	<1.00	<1.50
12/12/02		12.28	0.00	--	<50.0	2,050	781	<0.500	<0.500	<0.500	<1.00
03/13/03		11.05	0.00	--	<50.0	693	<625	<0.500	<0.500	<0.500	<1.00
06/12/03		NM	--	--	--	--	--	--	--	--	--
09/19/03		12.42	0.00	--	52.4	<250	<500	1.47	1.81	0.544	3.59
MW52 NE		10/10/01	10.79	0.00	--	13,400	1,460	<582	1,160	<10.0	827
	12/28/01	10.22	0.00	--	7,900	1,690	696	634	5.87	509	479
	03/08/02	10.42	0.00	--	10,100	2,790	<602	814	6.30	602	387
	06/24/02	10.58	0.00	--	9,820	2,810	640	1,250	<25.0	767	448
	09/26/02 ^b	11.51	0.00	--	6,600	3,630	<500	943	21.7	600	284
	12/12/02	11.61	0.00	--	1,170	7,360	638	120	0.822	73.9	7.30
	03/13/03	9.59	0.00	--	4,640	1,630	<568	272	62.7	236	210
	06/12/03	NM	--	--	--	--	--	--	--	--	--
	09/19/03	Obstructed by vehicle	--	--	--	--	--	--	--	--	--
	MW53 NE	03/13/03	11.17	0.00	--	14,000	1,030	<625	398	143	501
06/12/03		12.05	0.00	--	9,700	1,370	<500	553	197	431	1,270
09/19/03		12.85	0.00	--	1,470	<250	<500	29.3	6.61	28.5	111

MTCA Method A Cleanup Levels 1,000^a 5 40 30 20

EXPLANATION:

All concentrations are in ug/L (ppb).

Wellhead elevations were taken from prior consultant's reports.

DTW = Depth to water in feet below top of casing except where noted in prior reports

LPH = Liquid-phase petroleum hydrocarbon thickness in feet

GW Elev. = Groundwater elevation relative to DTW data; corrected for LPH where applicable using a specific gravity of 0.85

TPH-G = Total Petroleum Hydrocarbons as Gasoline by Ecology Method NWTPH-Gx

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

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

BTEX = Aromatic compounds by EPA Method 8021B

< = Less than the stated laboratory reporting limit

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

^{NP} Not Purged

^a Total Petroleum Hydrocarbons

^b TPH-D & TPH-O did not resemble chromatogram used for quantitation.

Shaded values equal or exceed MTCA Method A Cleanup Levels.

Data collected before 12/19/97 were taken from prior consultants.

*MW46 identified as MW9 on chain of custody and official laboratory report

**SMW3 identified as SMW2 on chain of custody and official laboratory report



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07 October 2003

John Meyer
ERI
815 Industry Dr
Tukwila, WA/USA 98188
RE: TOSCO #5353

Enclosed are the results of analyses for samples received by the laboratory on 09/19/03 13:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Amar Gill
Project Manager



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ERI
815 Industry Dr
Tukwila, WA/USA 98188

Project: TOSCO #5353
Project Number: 031020
Project Manager: John Meyer

Reported:
10/07/03 18:17

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SMW3	B3I0599-01	Water	09/19/03 12:00	09/19/03 13:10
MW32a	B3I0599-02	Water	09/19/03 12:00	09/19/03 13:10
MW33	B3I0599-03	Water	09/19/03 12:00	09/19/03 13:10
MW34	B3I0599-04	Water	09/19/03 12:00	09/19/03 13:10
MW35	B3I0599-05	Water	09/19/03 12:00	09/19/03 13:10
MW36	B3I0599-06	Water	09/19/03 12:00	09/19/03 13:10
MW37	B3I0599-07	Water	09/19/03 12:00	09/19/03 13:10
MW38	B3I0599-08	Water	09/19/03 12:00	09/19/03 13:10
MW40	B3I0599-09	Water	09/19/03 12:00	09/19/03 13:10
MW43	B3I0599-10	Water	09/19/03 12:00	09/19/03 13:10
MW44	B3I0599-11	Water	09/19/03 12:00	09/19/03 13:10
MW45	B3I0599-12	Water	09/19/03 12:00	09/19/03 13:10
MW47	B3I0599-13	Water	09/19/03 12:00	09/19/03 13:10
MW50	B3I0599-14	Water	09/19/03 12:00	09/19/03 13:10
MW51	B3I0599-15	Water	09/19/03 12:00	09/19/03 13:10
MW53	B3I0599-16	Water	09/19/03 12:00	09/19/03 13:10

North Creek Analytical - Bothell

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Amar Gill, Project Manager

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ERI
 815 Industry Dr
 Tukwila, WA/USA 98188

Project: TOSCO #5353
 Project Number: 031020
 Project Manager: John Meyer

Reported:
 10/07/03 18:17

Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SMW3 (B3I0599-01) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Gasoline Range Hydrocarbons	ND	50.0	ug/l	1	3J01002	10/01/03	10/01/03	NWTPH-Gx/8021B	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	97.7 %	62-127			"	"	"	"	
Surrogate: 4-BFB (PID)	90.8 %	72-127			"	"	"	"	
MW32a (B3I0599-02) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Gasoline Range Hydrocarbons	1420	50.0	ug/l	1	3J01002	10/01/03	10/01/03	NWTPH-Gx/8021B	
Benzene	64.2	0.500	"	"	"	"	"	"	
Toluene	42.7	0.500	"	"	"	"	"	"	
Ethylbenzene	7.49	0.500	"	"	"	"	"	"	
Xylenes (total)	135	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	112 %	62-127			"	"	"	"	
Surrogate: 4-BFB (PID)	94.8 %	72-127			"	"	"	"	
MW33 (B3I0599-03) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Gasoline Range Hydrocarbons	125	50.0	ug/l	1	3J01002	10/01/03	10/01/03	NWTPH-Gx/8021B	
Benzene	0.704	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	4.30	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	99.0 %	62-127			"	"	"	"	
Surrogate: 4-BFB (PID)	91.0 %	72-127			"	"	"	"	

North Creek Analytical - Bothell

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ERI
 815 Industry Dr
 Tukwila, WA/USA 98188

Project: TOSCO #5353
 Project Number: 031020
 Project Manager: John Meyer

Reported:
 10/07/03 18:17

**Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW34 (B3I0599-04) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Gasoline Range Hydrocarbons	351	50.0	ug/l	1	3J01002	10/01/03	10/01/03	NWTPH-Gx/8021B	
Benzene	9.91	0.500	"	"	"	"	"	"	
Toluene	11.7	0.500	"	"	"	"	"	"	
Ethylbenzene	6.48	0.500	"	"	"	"	"	"	
Xylenes (total)	34.6	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	110 %	62-127			"	"	"	"	
Surrogate: 4-BFB (PID)	95.2 %	72-127			"	"	"	"	
MW35 (B3I0599-05) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Gasoline Range Hydrocarbons	517	50.0	ug/l	1	3J01002	10/01/03	10/01/03	NWTPH-Gx/8021B	
Benzene	7.29	0.500	"	"	"	"	"	"	
Toluene	4.32	0.500	"	"	"	"	"	"	
Ethylbenzene	1.86	0.500	"	"	"	"	"	"	
Xylenes (total)	14.6	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	135 %	62-127			"	"	"	"	S-04
Surrogate: 4-BFB (PID)	106 %	72-127			"	"	"	"	
MW36 (B3I0599-06) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Gasoline Range Hydrocarbons	ND	50.0	ug/l	1	3J01002	10/01/03	10/01/03	NWTPH-Gx/8021B	
Benzene	1.44	0.500	"	"	"	"	"	"	
Toluene	0.561	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	99.0 %	62-127			"	"	"	"	
Surrogate: 4-BFB (PID)	91.5 %	72-127			"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager

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ERI
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Project: TOSCO #5353
 Project Number: 031020
 Project Manager: John Meyer

Reported:
 10/07/03 18:17

Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW37 (B310599-07) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Gasoline Range Hydrocarbons	141	50.0	ug/l	1	3J01002	10/01/03	10/01/03	NWTPH-Gx/8021B	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	1.01	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	105 %	62-127			"	"	"	"	
Surrogate: 4-BFB (PID)	94.6 %	72-127			"	"	"	"	
MW38 (B310599-08) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Gasoline Range Hydrocarbons	ND	50.0	ug/l	1	3J01002	10/01/03	10/01/03	NWTPH-Gx/8021B	
Benzene	0.704	0.500	"	"	"	"	"	"	
Toluene	1.42	0.500	"	"	"	"	"	"	
Ethylbenzene	0.722	0.500	"	"	"	"	"	"	
Xylenes (total)	3.72	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	100 %	62-127			"	"	"	"	
Surrogate: 4-BFB (PID)	94.0 %	72-127			"	"	"	"	
MW40 (B310599-09) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Gasoline Range Hydrocarbons	259	50.0	ug/l	1	3J01002	10/01/03	10/01/03	NWTPH-Gx/8021B	
Benzene	2.64	0.500	"	"	"	"	"	"	
Toluene	3.01	0.500	"	"	"	"	"	"	
Ethylbenzene	1.39	0.500	"	"	"	"	"	"	
Xylenes (total)	6.77	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	120 %	62-127			"	"	"	"	
Surrogate: 4-BFB (PID)	101 %	72-127			"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager

North Creek Analytical, Inc.
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ERI
 815 Industry Dr
 Tukwila, WA/USA 98188

Project: TOSCO #5353
 Project Number: 031020
 Project Manager: John Meyer

Reported:
 10/07/03 18:17

Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW43 (B3I0599-10) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Gasoline Range Hydrocarbons	ND	50.0	ug/l	1	3J01002	10/01/03	10/01/03	NWTPH-Gx/8021B	
Benzene	1.76	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	97.9 %	62-127			"	"	"	"	
Surrogate: 4-BFB (PID)	93.3 %	72-127			"	"	"	"	
MW44 (B3I0599-11) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Gasoline Range Hydrocarbons	156	50.0	ug/l	1	3J01002	10/01/03	10/01/03	NWTPH-Gx/8021B	
Benzene	20.2	0.500	"	"	"	"	"	"	
Toluene	0.997	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	2.61	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	99.2 %	62-127			"	"	"	"	
Surrogate: 4-BFB (PID)	93.1 %	72-127			"	"	"	"	
MW45 (B3I0599-12) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Gasoline Range Hydrocarbons	583	50.0	ug/l	1	3J01002	10/01/03	10/01/03	NWTPH-Gx/8021B	
Benzene	1.93	0.500	"	"	"	"	"	"	
Toluene	2.25	0.500	"	"	"	"	"	"	
Ethylbenzene	5.65	0.500	"	"	"	"	"	"	
Xylenes (total)	38.6	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	139 %	62-127			"	"	"	"	S-04
Surrogate: 4-BFB (PID)	108 %	72-127			"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager

North Creek Analytical, Inc.
Environmental Laboratory Network



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ERI
 815 Industry Dr
 Tukwila, WA/USA 98188

Project: TOSCO #5353
 Project Number: 031020
 Project Manager: John Meyer

Reported:
 10/07/03 18:17

Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW47 (B3I0599-13) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Gasoline Range Hydrocarbons	76.8	50.0	ug/l	1	3J01002	10/01/03	10/01/03	NWTPH-Gx/8021B	
Benzene	3.41	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	1.14	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	101 %	62-127			"	"	"	"	
Surrogate: 4-BFB (PID)	92.9 %	72-127			"	"	"	"	
MW50 (B3I0599-14) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Gasoline Range Hydrocarbons	4440	500	ug/l	10	3J01002	10/01/03	10/01/03	NWTPH-Gx/8021B	
Benzene	51.7	5.00	"	"	"	"	"	"	
Toluene	315	5.00	"	"	"	"	"	"	
Ethylbenzene	26.1	5.00	"	"	"	"	"	"	
Xylenes (total)	462	10.0	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	119 %	62-127			"	"	"	"	
Surrogate: 4-BFB (PID)	99.2 %	72-127			"	"	"	"	
MW51 (B3I0599-15) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Gasoline Range Hydrocarbons	52.4	50.0	ug/l	1	3J01002	10/01/03	10/01/03	NWTPH-Gx/8021B	
Benzene	1.47	0.500	"	"	"	"	"	"	
Toluene	1.81	0.500	"	"	"	"	"	"	
Ethylbenzene	0.544	0.500	"	"	"	"	"	"	
Xylenes (total)	3.59	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	101 %	62-127			"	"	"	"	
Surrogate: 4-BFB (PID)	94.8 %	72-127			"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager

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ERI
 815 Industry Dr
 Tukwila, WA/USA 98188

Project: TOSCO #5353
 Project Number: 031020
 Project Manager: John Meyer

Reported:
 10/07/03 18:17

Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW53 (B3I0599-16) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Gasoline Range Hydrocarbons	1470	125	ug/l	2.5	3J01002	10/01/03	10/01/03	NWTPH-Gx/8021B	
Benzene	29.3	1.25	"	"	"	"	"	"	
Toluene	6.61	1.25	"	"	"	"	"	"	
Ethylbenzene	28.5	1.25	"	"	"	"	"	"	
Xylenes (total)	111	2.50	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	120 %	62-127			"	"	"	"	
Surrogate: 4-BFB (PID)	97.9 %	72-127			"	"	"	"	

North Creek Analytical - Bothell

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ERI
 815 Industry Dr
 Tukwila, WA/USA 98188

Project: TOSCO #5353
 Project Number: 031020
 Project Manager: John Meyer

Reported:
 10/07/03 18:17

Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SMW3 (B3I0599-01) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Diesel Range Hydrocarbons	ND	0.287	mg/l	1	3I23006	09/23/03	09/26/03	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.575	"	"	"	"	"	"	
Surrogate: 2-FBP	80.4 %	50-150			"	"	"	"	
Surrogate: Octacosane	78.3 %	50-150			"	"	"	"	
MW32a (B3I0599-02) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Diesel Range Hydrocarbons	ND	0.294	mg/l	1	3I23006	09/23/03	09/26/03	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.588	"	"	"	"	"	"	
Surrogate: 2-FBP	72.6 %	50-150			"	"	"	"	
Surrogate: Octacosane	68.1 %	50-150			"	"	"	"	
MW33 (B3I0599-03) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Diesel Range Hydrocarbons	ND	0.291	mg/l	1	3I23006	09/23/03	09/26/03	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.581	"	"	"	"	"	"	
Surrogate: 2-FBP	73.4 %	50-150			"	"	"	"	
Surrogate: Octacosane	74.2 %	50-150			"	"	"	"	
MW34 (B3I0599-04) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Diesel Range Hydrocarbons	ND	0.301	mg/l	1	3I23006	09/23/03	09/26/03	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.602	"	"	"	"	"	"	
Surrogate: 2-FBP	87.6 %	50-150			"	"	"	"	
Surrogate: Octacosane	80.8 %	50-150			"	"	"	"	
MW35 (B3I0599-05) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Diesel Range Hydrocarbons	ND	0.373	mg/l	1	3I23006	09/23/03	09/26/03	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.746	"	"	"	"	"	"	
Surrogate: 2-FBP	82.6 %	50-150			"	"	"	"	
Surrogate: Octacosane	78.7 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager

North Creek Analytical, Inc.
 Environmental Laboratory Network



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ERI
 815 Industry Dr
 Tukwila, WA/USA 98188

Project: TOSCO #5353
 Project Number: 031020
 Project Manager: John Meyer

Reported:
 10/07/03 18:17

Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW36 (B3I0599-06) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Diesel Range Hydrocarbons	ND	0.287	mg/l	1	3I23006	09/23/03	09/26/03	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.575	"	"	"	"	"	"	
Surrogate: 2-FBP	83.4 %	50-150			"	"	"	"	
Surrogate: Octacosane	80.4 %	50-150			"	"	"	"	
MW37 (B3I0599-07) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Diesel Range Hydrocarbons	ND	0.298	mg/l	1	3I23006	09/23/03	09/26/03	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.595	"	"	"	"	"	"	
Surrogate: 2-FBP	73.8 %	50-150			"	"	"	"	
Surrogate: Octacosane	76.3 %	50-150			"	"	"	"	
MW38 (B3I0599-08) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Diesel Range Hydrocarbons	ND	0.250	mg/l	1	3I23006	09/23/03	09/26/03	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.500	"	"	"	"	"	"	
Surrogate: 2-FBP	83.4 %	50-150			"	"	"	"	
Surrogate: Octacosane	79.1 %	50-150			"	"	"	"	
MW40 (B3I0599-09) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Diesel Range Hydrocarbons	0.393	0.287	mg/l	1	3I23006	09/23/03	09/26/03	NWTPH-Dx	D-09
Lube Oil Range Hydrocarbons	1.12	0.575	"	"	"	"	"	"	
Surrogate: 2-FBP	80.4 %	50-150			"	"	"	"	
Surrogate: Octacosane	79.3 %	50-150			"	"	"	"	
MW43 (B3I0599-10) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Diesel Range Hydrocarbons	ND	0.291	mg/l	1	3I23006	09/23/03	09/26/03	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.581	"	"	"	"	"	"	
Surrogate: 2-FBP	87.9 %	50-150			"	"	"	"	
Surrogate: Octacosane	81.2 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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North Creek Analytical, Inc.
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ERI
 815 Industry Dr
 Tukwila, WA/USA 98188

Project: TOSCO #5353
 Project Number: 031020
 Project Manager: John Meyer

Reported:
 10/07/03 18:17

Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW44 (B3I0599-11) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Diesel Range Hydrocarbons	ND	0.301	mg/l	1	3I23006	09/23/03	09/26/03	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.602	"	"	"	"	"	"	
Surrogate: 2-FBP	81.6 %	50-150			"	"	"	"	
Surrogate: Octacosane	82.4 %	50-150			"	"	"	"	
MW45 (B3I0599-12) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Diesel Range Hydrocarbons	ND	0.298	mg/l	1	3I23006	09/23/03	09/26/03	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.595	"	"	"	"	"	"	
Surrogate: 2-FBP	72.7 %	50-150			"	"	"	"	
Surrogate: Octacosane	73.7 %	50-150			"	"	"	"	
MW47 (B3I0599-13) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Diesel Range Hydrocarbons	ND	0.294	mg/l	1	3I23006	09/23/03	09/26/03	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.588	"	"	"	"	"	"	
Surrogate: 2-FBP	79.3 %	50-150			"	"	"	"	
Surrogate: Octacosane	79.8 %	50-150			"	"	"	"	
MW50 (B3I0599-14) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Diesel Range Hydrocarbons	ND	0.250	mg/l	1	3I23006	09/23/03	09/26/03	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.500	"	"	"	"	"	"	
Surrogate: 2-FBP	81.5 %	50-150			"	"	"	"	
Surrogate: Octacosane	74.7 %	50-150			"	"	"	"	
MW51 (B3I0599-15) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Diesel Range Hydrocarbons	ND	0.250	mg/l	1	3I23006	09/23/03	09/26/03	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.500	"	"	"	"	"	"	
Surrogate: 2-FBP	65.7 %	50-150			"	"	"	"	
Surrogate: Octacosane	69.2 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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BRI
 815 Industry Dr
 Tukwila, WA/USA 98188

Project: TOSCO #5353
 Project Number: 031020
 Project Manager: John Meyer

Reported:
 10/07/03 18:17

Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW53 (B3I0599-16) Water Sampled: 09/19/03 12:00 Received: 09/19/03 13:10									
Diesel Range Hydrocarbons	ND	0.250	mg/l	1	3I23006	09/23/03	09/26/03	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	0.500	"	"	"	"	"	"	
Surrogate: 2-FBP	83.6 %	50-150			"	"	"	"	
Surrogate: Octacosane	77.6 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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ERI 815 Industry Dr Tukwila, WA/USA 98188	Project: TOSCO #5353 Project Number: 031020 Project Manager: John Meyer	Reported: 10/07/03 18:17
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Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 3J01002: Prepared 10/01/03 Using EPA 5030B (P/T)

Blank (3J01002-BLK1)

Gasoline Range Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	1.00	"							
Surrogate: 4-BFB (FID)	47.4		"	48.0		98.8	62-127			
Surrogate: 4-BFB (PID)	43.5		"	48.0		90.6	72-127			

LCS (3J01002-BS1)

Gasoline Range Hydrocarbons	505	50.0	ug/l	502		101	80-120			
Surrogate: 4-BFB (FID)	51.8		"	48.0		108	62-127			

LCS (3J01002-BS2)

Benzene	8.98	0.500	ug/l	10.0		89.8	80-120			
Toluene	9.38	0.500	"	10.0		93.8	80-120			
Ethylbenzene	9.11	0.500	"	9.80		93.0	80-120			
Xylenes (total)	28.6	1.00	"	30.0		95.3	80-120			
Surrogate: 4-BFB (PID)	44.5		"	48.0		92.7	72-127			

LCS Dup (3J01002-BSD1)

Gasoline Range Hydrocarbons	476	50.0	ug/l	502		94.8	80-120	5.91	25	
Surrogate: 4-BFB (FID)	51.4		"	48.0		107	62-127			

LCS Dup (3J01002-BSD2)

Benzene	9.11	0.500	ug/l	10.0		91.1	80-120	1.44	40	
Toluene	9.35	0.500	"	10.0		93.5	80-120	0.320	40	
Ethylbenzene	9.07	0.500	"	9.80		92.6	80-120	0.440	40	
Xylenes (total)	28.3	1.00	"	30.0		94.3	80-120	1.05	40	
Surrogate: 4-BFB (PID)	44.3		"	48.0		92.3	72-127			

North Creek Analytical - Bothell

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ERI
 815 Industry Dr
 Tukwila, WA/USA 98188

Project: TOSCO #5353
 Project Number: 031020
 Project Manager: John Meyer

Reported:
 10/07/03 18:17

Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3J01002: Prepared 10/01/03 Using EPA 5030B (P/T)

Matrix Spike (3J01002-MS1)

Source: B3I0599-01

Gasoline Range Hydrocarbons	452	50.0	ug/l	502	10.3	88.0	72-119			
Surrogate: 4-BFB (FID)	51.7		"	48.0		108	62-127			

Matrix Spike (3J01002-MS2)

Source: B3I0599-02

Benzene	73.1	0.500	ug/l	10.0	64.2	89.0	70-129			
Toluene	52.9	0.500	"	10.0	42.7	102	73-114			
Ethylbenzene	16.2	0.500	"	9.80	7.49	88.9	82-120			
Xylenes (total)	162	1.00	"	30.0	135	90.0	74-118			
Surrogate: 4-BFB (PID)	46.1		"	48.0		96.0	72-127			

Matrix Spike Dup (3J01002-MSD1)

Source: B3I0599-01

Gasoline Range Hydrocarbons	439	50.0	ug/l	502	10.3	85.4	72-119	2.92	25	
Surrogate: 4-BFB (FID)	51.6		"	48.0		108	62-127			

Matrix Spike Dup (3J01002-MSD2)

Source: B3I0599-02

Benzene	73.7	0.500	ug/l	10.0	64.2	95.0	70-129	0.817	40	
Toluene	53.5	0.500	"	10.0	42.7	108	73-114	1.13	40	
Ethylbenzene	17.0	0.500	"	9.80	7.49	97.0	82-120	4.82	40	
Xylenes (total)	165	1.00	"	30.0	135	100	74-118	1.83	40	
Surrogate: 4-BFB (PID)	46.2		"	48.0		96.2	72-127			

North Creek Analytical - Bothell

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ERI
 815 Industry Dr
 Tukwila, WA/USA 98188

Project: TOSCO #5353
 Project Number: 031020
 Project Manager: John Meyer

Reported:
 10/07/03 18:17

Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3I23006: Prepared 09/23/03 Using EPA 3520C

Blank (3I23006-BLK1)

Diesel Range Hydrocarbons	ND	0.250	mg/l							
Lube Oil Range Hydrocarbons	ND	0.500	"							
Surrogate: 2-FBP	0.280		"	0.320		87.5	50-150			
Surrogate: Octacosane	0.127		"	0.160		79.4	50-150			

LCS (3I23006-BS1)

Diesel Range Hydrocarbons	1.52	0.250	mg/l	2.00		76.0	45-105			
Surrogate: 2-FBP	0.271		"	0.320		84.7	50-150			

LCS Dup (3I23006-BSD1)

Diesel Range Hydrocarbons	1.51	0.250	mg/l	2.00		75.5	45-105	0.660	50	
Surrogate: 2-FBP	0.287		"	0.320		89.7	50-150			

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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ERI
815 Industry Dr
Tukwila, WA/USA 98188

Project: TOSCO #5353
Project Number: 031020
Project Manager: John Meyer

Reported:
10/07/03 18:17

Notes and Definitions

- D-09 Results in the diesel organics range are primarily due to overlap from a heavy oil range product.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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 (503) 906-9200 FAX 906-9210
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TOSCO CHAIN OF CUSTODY REPORT

Facility Number: **5353**
 Site Address: **600 Westlake Ave N.**
 City, State, ZIP: **Seattle, WA**
 Project/AWO Code
 Tosco Manager: **Tim Johnson**
 FACILITY TYPE: (check one) BP/☉ Terminal/Bulk Plant
 Brown Bear Former 76 Site Other **76**

Firm: **ERI** Project# **031020**
 Address: **815 Industry Drive**
Tukwila, WA 98188
 Phone: **206 575-6220** Fax: **X 6423**
 Project Manager: **Jama Matthews** E-mail:
 Sample Collection by: **Adam Bailey**

Quality Assurance Data Level:
 A Standard Summary
 B Standard + Chromatograms
 Laboratory Turnaround Days:
 10 Day - Standard
 1
 2
 3
 5

SAMPLE IDENTIFICATION	SAMPLING DATE / TIME	MATRIX (W,S,O)	# OF CON-TAINERS
1. SMW3	9/19/03	W	5
2. MW32a			5
3. MW33			5
4. MW34			5
5. MW35			5
6. MW36			5
7. MW37			5
8. MW38			5
9. MW40			5
10. MW43			5

TPH-HCD	TPH-Gas	BTEX	EPA 8021 Mod.	TPH-Gas + BTEX	TPH-Diesel	Extended	TPH-Diesel-Ext.	W/S Cleanup	Halogen. Volatiles	EPA 8021	Pesticides/CBs or PCBs Only	GC/MS Volatiles	EPA 8260	GC/MS SemiVols	EPA 8270	PAHs:	8270 SIM or 8310	Lead:	Total or Dissolved	TCLP or RCRA	Metals (8)	
				<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>															

B3J0599

NCA SAMPLE NUMBER
01
02
03
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05
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08
09
10

Relinquished by: **Adam Bailey** Firm: **ERI** Date & Time: **9/19/03 11:00am**
 Received by: **Adam Bailey** Firm: **NCA** Date & Time: **9/19/03 13:10**
 Comments: **W/O O.O**



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TOSCO CHAIN OF CUSTODY REPORT

Facility Number: **5353**
 Site Address: **6005 Westlake Ave N**
 City, State, ZIP: **Seattle, WA**

Project/AWO Code
 Tosco Manager: **Tom Johnson**

FACILITY TYPE: (check one) BP/☉ Terminal/Bulk Plant
 Brown Bear Former 76 Site Other **76**

Firm: **EET** Project# **031020**
 Address: **815 Industry Drive**
Tukwila, WA 98188

Phone: **206 575-6270** Fax: **X 6423**
 Project Manager: **Gene Methicarsen**
 Sample Collection by: **Robert Sed**

Quality Assurance Data Level:
 A: Standard Summary
 B: Standard + Chromatograms

Laboratory Turnaround Days:
 5 3 2 1
 10 Day - Standard

SAMPLE IDENTIFICATION	SAMPLING DATE / TIME	MATRIX (W/S/O)	# OF CON-TAINERS
1. MW44	9/19/03	W	5
2. MW45			5
3. MW47			5
4. MW50			5
5. MW51			5
6. MW53			5
7.			
8.			
9.			
10.			

TPH-HCB	TPH-Gas	BTEX	EPA 8021 Mod. TPH-Gas + BTEX	TPH-Diesel	TPH-Diesel Extended	TPH-Diesel-Ext. w/SG Cleanup	Halogen Volatiles EPA 8021	Pesticides/PCBs or PCBs Only	GC/MS Volatiles EPA 8260	GC/MS Semi Vols. BPA 8270	PAH's EPA 8270 SIM or 8310	Lead: Total or Dissolved	TCLP or RCRA Metals (8)
	X		X	X	X	X							
	X		X	X	X	X							
	X		X	X	X	X							
	X		X	X	X	X							
	X		X	X	X	X							
	X		X	X	X	X							

P3510899

NCA SAMPLE NUMBER
 11
 12
 13
 14
 15
 16

Relinquished by: **Robert Sed** Firm: **EET** Date & Time: **9/19/03 11:00am**
 Received by: **Don Johnson** Firm: **NCA** Date & Time: **9/19/03 1300**

1. **Robert Sed** NCA 9/19/03 1450
 2. **Don Johnson** NCA 9/19/03 1450
 3.

Comments: **W/O 0.0**
NO 0.0
 Samples analyzed 02-6c upon receipt

Capo 1

GROUNDWATER SAMPLING - FIELD LOG

Client Name: Tosco 5353

ERI Job No. 03020

Date: 9/11/03

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Location: Westlake Ave

Field Crew: Walters / Johnson

Analysis: _____

HH 1111

* - Case Volume = $(d_{\text{case}} - d_{\text{casing}}) \times X \times F$ where F =
 0.163 for a 2" inside diameter well casing
 0.652 for a 4" inside diameter well casing
 1.467 for a 6" inside diameter well casing

Well No.	Time	Depth Water (ft.)	Depth Well (ft.)	Case Dia. (in)	Case Vol. gal	Purge Vol. (gal)	Conduct. $\mu\text{S}/\text{CH}$ (X1000)	Temp. Deg F	pH	TURB. NTU	PID PPH	Comments
MWS4		11.95	19.00	2	1.1	3.3						
MWS10		12.46	18.40	2	1	3						
MWS17		12.05	19.08	2	1.1	3.3						Road well / Stripped
MWS6		10.23	18.30	2	1.3	3.9						h
MWS16				2								Unable to locate / Pump Over
MWS8		8.90	20.00	2	1.8	5.4						Road Well / Stripped Broken Well Box
MWS3		11.00	33.00	2	3.5	10.5						Stripped / well on sidewalk
MWS13		12.37	21.40	2	1.5	4.5						
MWS11		10.97	44.11	2	5.4	21.2						
MWS2		12.85	17.45	2	.8	2.4						
MWS24		12.67	21.38	2	1.4	4.2						
MWS33		12.83	21.40	2	1.4	4.2						
MWS25		6.20	24.57	2	3	9						
MWS26		12.18	22.80	4	7	21						
MWS27			13.11	2								
MWS15		10.68	14.30	2	.6	1.8						
MWS0		12.05	17.26	2	.8	2.4						
MWS1		12.42	15.00	2	.4	1.2						
MWS2			20.6	2								
MWS4		10.58	?	2								
MWS3			20.00	2								Obstructed by vehicle
MWS2		11.45		2								Monitor Only