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TEXACO 63-232-0307
King/Kent
SECOR
International Incorporated
Former Bull 220

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JUL 31 1998
DEPT. OF ECOLOGY

July 29, 1998

Mr. Jeff Goold
Project Manager
Texaco Refining and Marketing, Inc.
Environment, Health & Safety
3400 188th Street SW, Suite 630
Lynnwood, Washington 98037

DEPARTMENT OF ECOLOGY NWRO/TCP TANKS UNIT	
INTERIM CLEANUP REPORT	☒
SITE CHARACTERIZATION	☐
FINAL CLEANUP REPORT	☐
OTHER _____	☐
AFFECTED MEDIA: SOIL	☐
OTHER _____	☐
INSPECTOR (INITIALS)	DATE 8/3/98

RE: QUARTERLY GROUNDWATER MONITORING DATA SUBMITTAL
JUNE 1998
TEXACO LOCATION 63-232-0307
1637 WEST MEEKER STREET, KENT, WASHINGTON
SECOR PN: 00920-101-18

Dear Mr. Goold:

SECOR is pleased to present the quarterly groundwater monitoring and sampling data collected on June 22, 1998 for the referenced site. Thirteen groundwater monitoring wells were gauged to determine depth-to-groundwater (DTW) and to check for the presence of free product. Free product was detected in monitoring well MW-24; therefore, a groundwater sample was not collected from this well. The soil and groundwater remediation system installed at the site was not operating during the groundwater monitoring event. The vapor extraction and air sparging system were operating during the monitoring event. A groundwater elevation/contour map and summary of groundwater monitoring data are presented in Attachments 1 and 2, respectively.

After measuring DTW, eight monitoring wells were purged and sampled. Samples were taken from wells MW-5, MW-6, MW-10, MW-11, MW-19, MW-21, B-5, and RMW-1. A total volume of 57 gallons of water was purged from these wells. Monitoring well purge water was treated through the on-site system. Groundwater samples collected were analyzed for total petroleum hydrocarbons (TPH) in the gasoline range (toluene to dodecane) by Ecology Method WTPH-G; and benzene, toluene, ethylbenzene, and total xylenes (TPH constituents) by U.S. Environmental Protection Agency Method 8020.

TPH in the gasoline range and/or TPH constituents were detected in groundwater samples collected from wells MW-5, MW-10, MW-11, MW-19, and MW-21. Laboratory reports and chain-of-custody documentation are included in Attachment 3.

Mr. Jeff Goold
July 29, 1998
Page 2

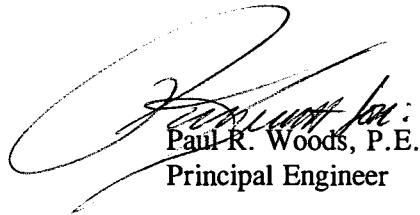
SECOR appreciates the opportunity to be of service to Texaco on this project. Should you have any questions regarding the information provided in this report, please contact either of the undersigned at (425) 641-9900.

Sincerely,

SECOR International Incorporated



Namrata Shrivastava
Staff Engineer



Paul R. Woods, P.E.
Principal Engineer

NS/PRW/ss

Attachments: Attachment 1: Figures
Attachment 2: Tables
Attachment 3: Laboratory Analytical Report

ATTACHMENT 1
FIGURES

Quarterly Groundwater Monitoring Data Submittal

June 1998

Texaco Location 63-232-0307

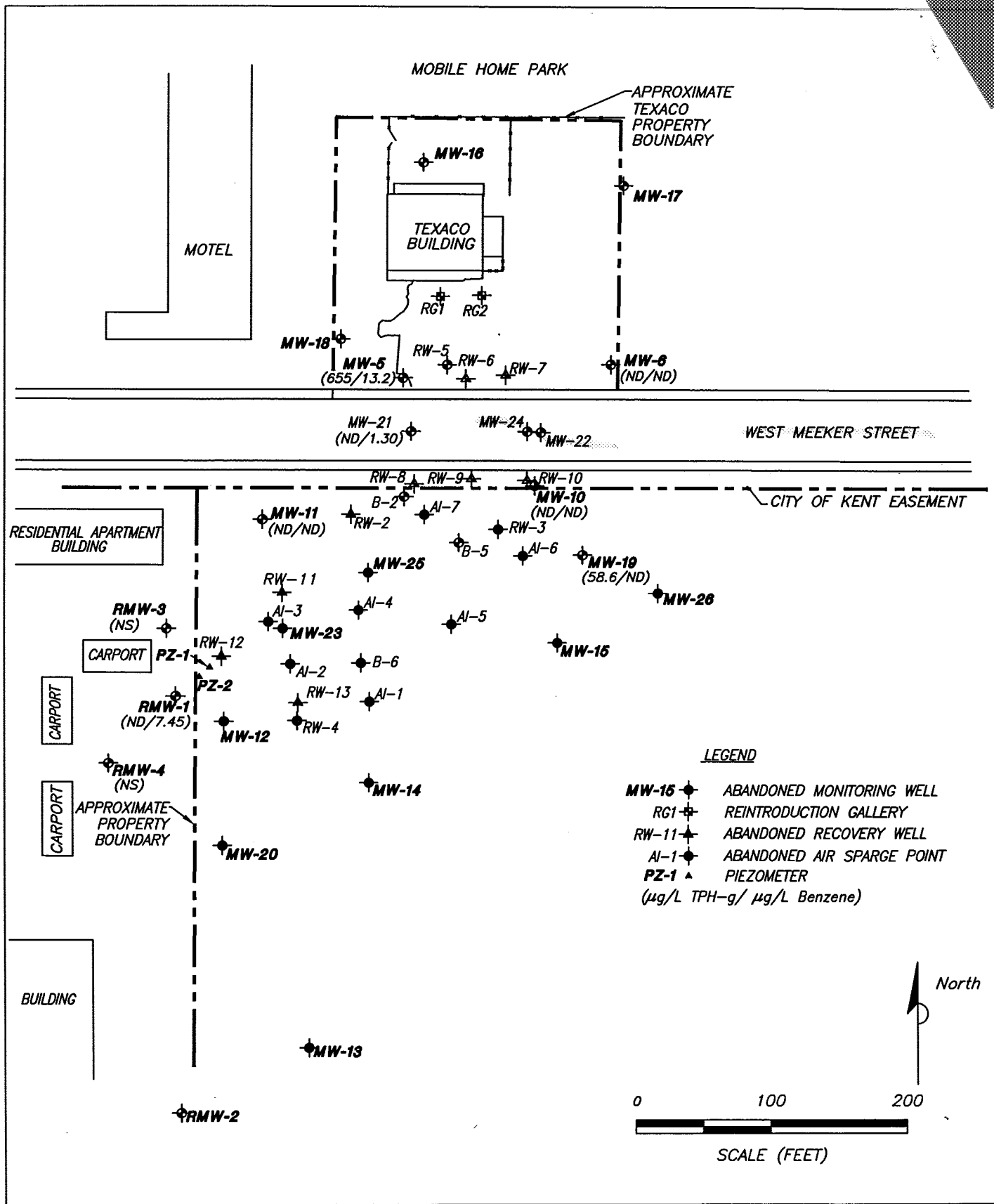
1637 West Meeker Street

Kent, Washington

Texaco Refining and Marketing, Inc.

SECOR PN: 00920-101-18

July 29, 1998



SECOR
International Incorporated

GROUNDWATER ANALYTICAL MAP

TEXACO FACILITY #63-232-0307
1637 WEST MEEKER STREET
KENT, WASHINGTON

FIGURE:

1

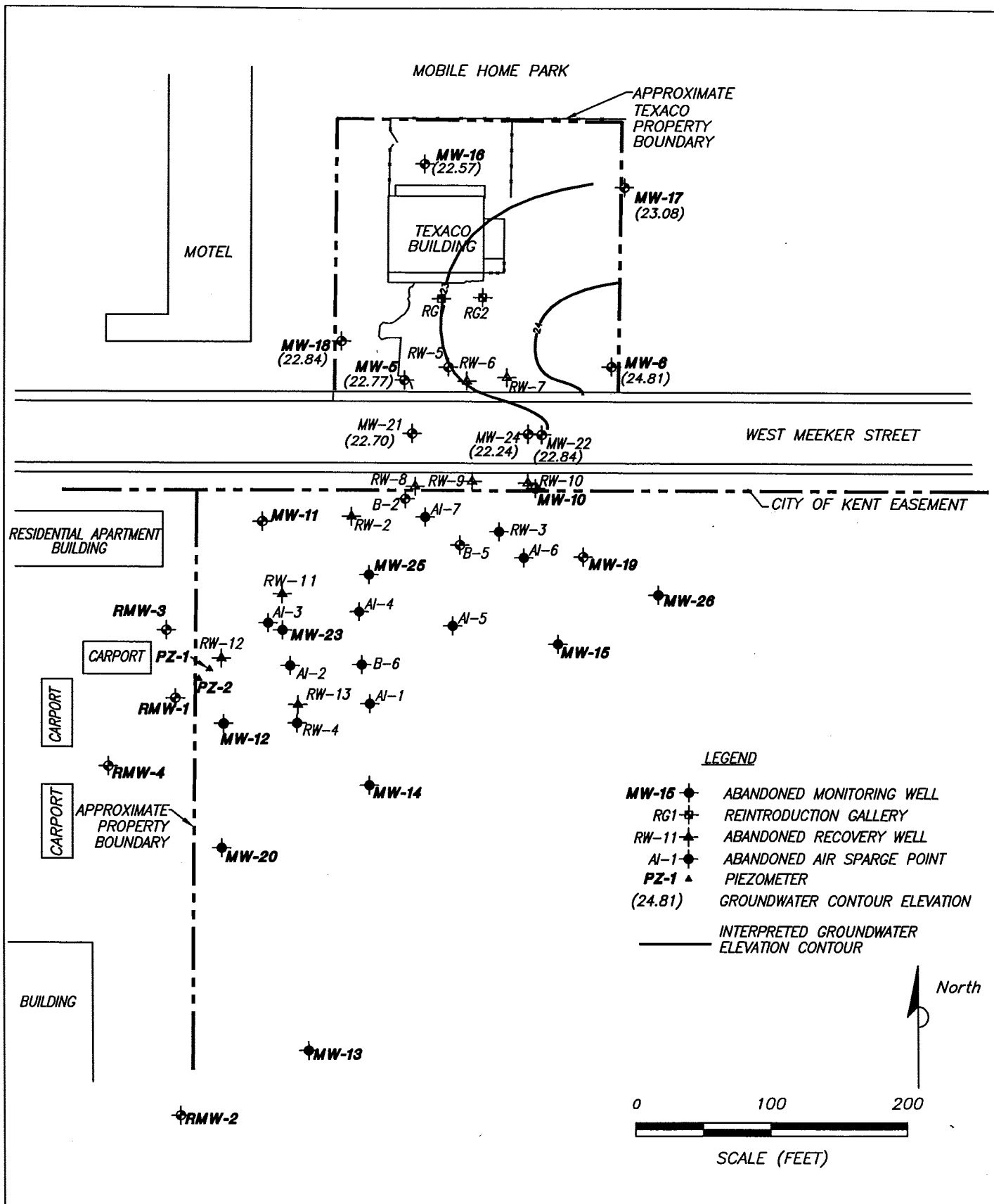
JOB#: 00920-101-18

APPR:

DWN: KWW

DATE: 7/12/98

DWG: T101121A.DWG



SECOR
International Incorporated

GROUNDWATER CONTOUR MAP

**TEXACO FACILITY #63-232-0307
1637 WEST MEEKER STREET
KENT, WASHINGTON**

FIGURE:

2

JOB#: 00920-101-18

APPR:

DWN: KWW

DATE: 7/12/98

DWG: T10102A.DWG

ATTACHMENT 2

TABLES

Quarterly Groundwater Monitoring Data Submittal

June 1998

Texaco Location 63-232-0307

1637 West Meeker Street

Kent, Washington

Texaco Refining and Marketing, Inc.

SECOR PN: 00920-101-18

July 29, 1998

TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA
 Texaco Facility 63-232-0307
 1637 West Meeker Street
 Kent, Washington

Well I.D.	Date Monitored	Top of Casing Elevation (feet)	Depth to Product (feet)	Depth to Water (feet)	Measured Product Thickness (feet)	Water Level Elevation (feet)	Difference From Previous Measurement (feet)
MW-5	9/15/94	37.23	-	17.85	-	19.38	**
	11/1/94	35.45	-	15.68	-	19.77	0.39
	12/20/94	35.45	-	12.60	-	22.85	3.08
	12/30/94	35.45	-	8.70	-	26.75	3.90
	1/26/95	35.45	-	11.86	-	23.59	-3.16
	4/4/95	35.45	-	11.52	-	23.93	0.34
	6/12/95	35.45	-	13.43	-	22.02	-1.91
	8/28/95	35.45	-	15.40	-	20.05	-1.97
	11/20/95	35.45	-	11.69	-	23.76	3.71
	3/18/96	35.42	-	8.81	-	26.61	2.85
	5/15/96	35.42	-	9.90	-	25.52	-1.09
	10/23/96	35.42	-	14.89	-	20.53	-4.99
	1/27/97	35.42	-	7.64	-	27.78	7.25
	4/29/97	35.42	-	8.92	-	26.50	-1.28
	7/30/97	35.42	-	12.73	-	22.69	-3.81
	12/19/97	35.42	-	11.18	-	24.24	1.55
	3/11/98	35.42	-	10.35	-	25.07	0.83
	6/22/98	35.42	-	12.65	-	22.77	-2.30
MW-6	9/15/94	35.52	-	15.50	-	20.02	**
	11/1/94	35.52	-	14.89	-	20.63	0.61
	12/20/94	35.52	-	10.69	-	24.83	4.20
	12/30/94	35.52	-	7.77	-	27.75	2.92
	1/24/95	35.52	-	9.36	-	26.16	-1.59
	1/26/95	35.52	-	9.69	-	25.83	-0.33
	4/4/95	35.52	-	9.45	-	26.07	0.24
	6/12/95	35.52	-	12.13	-	23.39	-2.68
	8/28/95	35.52	-	14.57	-	20.95	-2.44
	11/20/95	35.52	-	9.92	-	25.60	4.65
	3/18/96	35.74	-	7.65	-	28.09	2.49
	5/15/96	35.74	-	9.66	-	26.08	-2.01
	10/23/96	35.74	-	13.08	-	22.66	-5.43
	1/27/97	35.74	-	6.71	-	29.03	6.37
	4/29/97	35.74	-	7.25	-	28.49	-0.54
	7/30/97	35.74	-	11.02	-	24.72	-3.77
	12/19/97	35.74	-	9.30	-	26.44	1.72
	3/11/98	35.74	-	8.25	-	27.49	1.05
	6/22/98	35.74	-	10.71	-	25.03	-2.46
MW-7	11/1/94	35.51	-	13.59	-	21.92	**
	4/4/95	35.51	-	4.95	-	30.56	8.64
	6/12/95	35.51	-	9.38	-	26.13	-4.43
	8/28/95	35.51	-	12.89	-	22.62	-3.51
	11/20/95	35.51	-	9.92	-	25.59	2.97
	3/18/96	35.39	-	4.08	-	31.31	5.72
	5/15/96	35.39	-	4.43	-	30.96	-0.35
	10/23/96	35.39	-	12.49	-	22.90	-8.06
	1/27/97	35.39	-	3.87	-	31.52	8.62
	4/29/97	35.39	-	4.08	-	31.31	-0.21
	7/30/97	35.39	-	7.03	-	28.36	-2.95
	12/19/97	35.39	-	6.60	-	28.79	0.43

NOTES: Elevations relative to City of Kent datum.
 Well MW-5 was resurveyed after wellhead modification on October 7, 1994.
 ** Not calculated, previous measurement not available.
 - = Product not observed.

TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA
Texaco Facility 63-232-0307
1637 West Meeker Street
Kent, Washington

Well I.D.	Date Monitored	Top of Casing Elevation (feet)	Depth to Product (feet)	Depth to Water (feet)	Measured Product Thickness (feet)	Water Level Elevation (feet)	Difference From Previous Measurement (feet)
MW-8	11/1/94	35.75	-	14.32	-	21.43	**
	12/21/94	35.75	-	7.77	-	27.98	6.55
	12/30/94	35.75	-	7.53	-	28.22	0.24
	1/26/95	35.75	-	7.57	-	28.18	-0.04
	4/4/95	35.75	-	5.98	-	29.77	1.59
	6/12/95	35.75	-	9.25	-	26.50	-3.27
	8/28/95	35.75	-	13.77	-	21.98	-4.52
	3/18/96	35.81	-	4.65	-	31.16	9.18
	5/15/96	35.81	-	5.86	-	29.95	-1.21
	10/23/96	35.81	-	13.24	-	22.57	-7.38
	1/27/97	35.81	-	4.54	-	31.27	8.70
	4/29/97	35.81	-	4.91	-	30.90	-0.37
	7/30/97	35.81	-	9.66	-	26.15	-4.75
	12/19/97	35.81	-	7.14	-	28.67	2.52
MW-10	9/15/94	35.03	-	16.38	-	18.65	**
	11/1/94	35.03	-	16.08	-	18.95	0.30
	12/20/94	35.03	-	12.90	-	22.13	3.18
	12/30/94	35.03	-	9.56	-	25.47	3.34
	1/26/95	35.03	-	10.19	-	24.84	-0.63
	4/4/95	35.03	-	8.81	-	26.22	1.38
	6/12/95	35.03	-	13.57	-	21.46	-4.76
	8/28/95	35.03	-	15.87	-	19.16	-2.30
	11/20/95	35.03	-	12.50	-	22.53	3.37
	3/18/96	33.95	-	4.77	-	29.18	6.65
	5/15/96	33.95	-	7.80	-	26.15	-3.03
	10/23/96	33.95	-	14.46	-	19.49	-6.66
	1/27/97	33.95	-	3.97	-	29.98	10.49
	4/29/97	33.95	-	6.41	-	27.54	-2.44
	7/30/97	33.95	-	13.80	-	20.15	-7.39
	12/19/97	33.95	-	12.19	-	21.76	1.61
	6/22/98	33.95	-	12.03	-	21.92	0.16
MW-11	9/15/94	34.96	-	16.82	-	18.14	**
	11/1/94	34.96	-	16.58	-	18.38	0.24
	12/20/94	34.96	-	12.92	-	22.04	3.66
	12/30/94	34.96	-	7.68	-	27.28	5.24
	1/24/95	34.96	-	11.43	-	23.53	-3.75
	1/26/95	34.96	-	11.65	-	23.31	-0.22
	4/4/95	34.96	-	11.29	-	23.67	0.36
	6/12/95	34.96	-	14.25	-	20.71	-2.96
	8/28/95	34.96	-	16.52	-	18.44	-2.27
	11/20/95	34.96	-	11.58	-	23.38	4.94
	3/18/96	35.27	-	8.95	-	26.32	2.94
	5/15/96	35.27	-	10.53	-	24.74	-1.58
	10/23/96	35.27	-	15.41	-	19.86	-4.88
	1/27/97	35.27	-	5.82	-	29.45	9.59
	4/29/97	35.27	-	8.21	-	27.06	-2.39
	7/30/97	35.27	-	13.44	-	21.83	-5.23
	12/19/97	35.27	-	12.43	-	22.84	1.01
	6/22/98	35.27	-	13.71	-	21.56	-1.28

NOTES: Elevations relative to City of Kent datum.
Well MW-5 was resurveyed after wellhead modification on October 7, 1994.
** Not calculated, previous measurement not available.
- = Product not observed.

TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA
Texaco Facility 63-232-0307
1637 West Meeker Street
Kent, Washington

Well I.D.	Date Monitored	Top of Casing Elevation (feet)	Depth to Product (feet)	Depth to Water (feet)	Measured Product Thickness (feet)	Water Level Elevation (feet)	Difference From Previous Measurement (feet)
MW-12	9/15/94	36.13	-	19.20	-	16.93	**
	11/1/94	36.13	-	18.02	-	18.11	1.18
	12/20/94	36.13	-	14.38	-	21.75	3.64
	12/30/94	36.13	-	8.95	-	27.18	5.43
	1/24/95	36.13	-	14.44	-	21.69	-5.49
	1/26/95	36.13	-	14.64	-	21.49	-0.20
	4/4/95	36.13	-	14.51	-	21.62	0.13
	6/12/95	36.13	-	17.17	-	18.96	-2.66
	8/28/95	36.13	-	18.88	-	17.25	-1.71
	11/20/95	36.13	-	13.18	-	22.95	5.70
	3/18/96	36.33	-	12.61	-	23.72	0.77
	5/15/96	36.33	-	13.91	-	22.42	-1.30
	10/23/96	36.33	-	17.71	-	18.62	-3.80
	1/27/97	36.33	-	10.35	-	25.98	7.36
	4/29/97	36.33	-	9.71	-	26.62	0.64
	7/30/97	36.33	-	16.35	-	19.98	-6.64
MW-13	11/1/94	36.09	-	16.85	-	19.24	**
	12/20/94	36.09	-	13.71	-	22.38	3.14
	12/30/94	36.09	-	8.88	-	27.21	4.83
	1/26/95	36.09	-	15.11	-	20.98	-6.23
	4/4/95	36.09	-	14.90	-	21.19	0.21
	6/12/95	36.09	-	17.51	-	18.58	-2.61
	8/28/95	36.09	-	19.01	-	17.08	-1.50
	11/20/95	36.09	-	13.25	-	22.84	5.76
	3/18/96	36.18	-	13.20	-	22.98	0.14
	5/15/96	36.18	-	14.02	-	22.16	-0.82
	10/23/96	36.18	-	17.72	-	18.46	-3.70
	1/27/97	36.18	-	11.17	-	25.01	6.55
	4/29/97	36.18	-	9.49	-	26.69	1.68
	7/30/97	36.18	-	16.85	-	19.33	-7.36
	12/19/97	36.18	-	13.90	-	22.28	2.95
MW-14	9/15/94	35.58	-	18.55	-	17.03	**
	11/1/94	35.58	-	17.21	-	18.37	1.34
	12/20/94	35.58	-	13.63	-	21.95	3.58
	12/30/94	35.58	-	8.35	-	27.23	5.28
	1/24/95	35.58	-	13.81	-	21.77	-5.46
	1/26/95	35.58	-	14.04	-	21.54	-0.23
	4/4/95	35.58	-	13.89	-	21.69	0.15
	6/12/95	35.58	-	16.52	-	19.06	-2.63
	8/28/95	35.58	-	18.29	-	17.29	-1.77
	11/20/95	35.58	-	12.74	-	22.84	5.55
	3/18/96	35.89	-	12.20	-	23.69	0.85
	5/15/96	35.89	-	13.38	-	22.51	-1.18
	10/23/96	35.89	-	17.35	-	18.54	-3.97
	1/27/97	35.89	-	10.03	-	25.86	7.32
	4/29/97	35.89	-	9.15	-	26.74	0.88
	7/30/97	35.89	-	15.90	-	19.99	-6.75
	12/19/97	35.89	-	14.27	-	21.62	1.63

NOTES: Elevations relative to City of Kent datum.
Well MW-5 was resurveyed after wellhead modification on October 7, 1994.
** Not calculated, previous measurement not available.
- = Product not observed.

TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA
Texaco Facility 63-232-0307
1637 West Meeker Street
Kent, Washington

Well I.D.	Date Monitored	Top of Casing Elevation (feet)	Depth to Product (feet)	Depth to Water (feet)	Measured Product Thickness (feet)	Water Level Elevation (feet)	Difference From Previous Measurement (feet)
MW-15	9/15/94	34.55	-	16.25	-	18.30	**
	11/1/94	34.55	-	16.00	-	18.55	0.25
	12/20/94	34.55	-	12.60	-	21.95	3.40
	12/30/94	34.55	-	5.75	-	28.80	6.85
	1/26/95	34.55	-	7.44	-	27.11	-1.69
	4/4/95	34.55	-	9.15	-	25.40	-1.71
	6/12/95	34.55	-	15.27	-	19.28	-6.12
	8/28/95	34.55	-	15.78	-	18.77	-0.51
	11/20/95	34.55	-	12.13	-	22.42	3.65
	3/18/96	34.68	-	4.66	-	30.02	7.60
	5/15/96	34.68	-	5.92	-	28.76	-1.26
	10/23/96	34.68	-	15.33	-	19.35	-9.41
	1/27/97	34.68	-	3.36	-	31.32	11.97
	4/29/97	34.68	-	4.84	-	29.84	-1.48
	7/30/97	34.68	-	No groundwater detected in well			
	12/19/97	34.68	-	9.86	-	24.82	-5.02
MW-16	11/1/94	35.41	-	15.49	-	19.92	**
	12/20/94	35.41	-	11.49	-	23.92	4.00
	12/30/94	35.41	-	8.24	-	27.17	3.25
	1/26/95	35.41	-	10.96	-	24.45	-2.72
	4/4/95	35.41	-	10.65	-	24.76	0.31
	6/12/95	35.41	-	13.05	-	22.36	-2.40
	8/28/95	35.41	-	14.92	-	20.49	-1.87
	11/20/95	35.41	-	10.88	-	24.53	4.04
	3/18/96	35.63	-	9.04	-	26.59	2.06
	5/15/96	35.63	-	10.14	-	25.49	-1.10
	10/23/96	35.63	-	14.39	-	21.24	-4.25
	1/27/97	35.63	-	7.81	-	27.82	6.58
	4/29/97	35.63	-	7.83	-	27.80	-0.02
	7/30/97	35.63	-	12.57	-	23.06	-4.74
	12/19/97	35.63	-	11.41	-	24.22	1.16
MW-17	3/11/98	35.63	-	10.56	-	25.07	0.85
	6/22/98	35.63	-	13.06	-	22.57	-2.5
	9/15/94	35.28	-	15.36	-	19.92	**
	11/1/94	35.28	-	14.52	-	20.76	0.84
	12/20/94	35.28	-	10.98	-	24.30	3.54
	12/30/94	35.28	-	7.99	-	27.29	2.99
	1/26/95	35.28	-	10.26	-	25.02	-2.27
	4/4/95	35.28	-	10.68	-	24.60	-0.42
	6/12/95	35.28	-	12.74	-	22.54	-2.06
	8/28/95	35.28	-	14.63	-	20.65	-1.89
	11/20/95	35.28	-	10.50	-	24.78	4.13
	3/18/96	35.49	-	7.68	-	27.81	3.03
	5/15/96	35.49	-	9.62	-	25.87	-1.94
	10/23/96	35.49	-	13.22	-	22.27	-3.60
	1/27/97	35.49	-	7.41	-	28.08	5.81
	4/29/97	35.49	-	5.89	-	29.60	1.52
	7/30/97	35.49	-	12.37	-	23.12	-6.48
	3/11/98	35.49	-	10.22	-	25.27	2.15
	6/22/98	35.49	-	12.41	-	23.08	-2.19

NOTES: Elevations relative to City of Kent datum.
Well MW-5 was resurveyed after wellhead modification on October 7, 1994.
** Not calculated, previous measurement not available.
- = Product not observed.

TABLE 1
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Texaco Facility 63-232-0307
1637 West Meeker Street
Kent, Washington

Well I.D.	Date Monitored	Top of Casing Elevation (feet)	Depth to Product (feet)	Depth to Water (feet)	Measured Product Thickness (feet)	Water Level Elevation (feet)	Difference From Previous Measurement (feet)
MW-18	9/15/94	34.83	-	18.96	-	15.87	**
	11/1/94	34.83	-	14.60	-	20.23	4.36
	12/20/94	34.83	-	12.30	-	22.53	2.30
	12/30/94	34.83	-	8.28	-	26.55	4.02
	1/26/95	34.83	-	10.69	-	24.14	-2.41
	4/4/95	34.83	-	10.23	-	24.60	0.46
	6/12/95	34.83	-	12.91	-	21.92	-2.68
	8/28/95	34.83	-	14.43	-	20.40	-1.52
	11/20/95	34.83	-	10.35	-	24.48	4.08
	3/18/96	35.05	-	7.76	-	27.29	2.81
	5/15/96	35.05	-	9.64	-	25.41	-1.88
	10/23/96	35.05	-	13.43	-	21.62	-3.79
	1/27/97	35.05	-	6.98	-	28.07	6.45
	4/29/97	35.05	-	7.63	-	27.42	-0.65
	7/30/97	35.05	-	11.86	-	23.19	-4.23
	12/19/97	35.05	-	10.85	-	24.20	1.01
	3/11/98	35.05	-	10.23	-	24.82	0.62
	6/22/98	35.05	-	12.21	-	22.84	-1.98
MW-19	9/15/94	37.20	-	18.72	-	18.48	**
	11/1/94	37.20	-	18.20	-	19.00	0.52
	12/20/94	37.20	-	14.72	-	22.48	3.48
	12/30/94	37.20	-	8.56	-	28.64	6.16
	1/26/95	37.20	-	11.41	-	25.79	-2.85
	4/4/95	37.20	-	10.87	-	26.33	0.54
	6/12/95	37.20	-	15.65	-	21.55	-4.78
	8/28/95	37.20	-	18.13	-	19.07	-2.48
	11/20/95	37.20	-	14.44	-	22.76	3.69
	3/18/96	37.45	-	7.70	-	29.75	6.99
	5/15/96	37.45	-	9.38	-	28.07	-1.68
	10/23/96	37.45	-	17.43	-	20.02	-8.05
	1/27/97	37.45	-	7.00	-	30.45	10.43
	4/29/97	37.45	-	8.71	-	28.74	-1.71
	7/30/97	37.45	-	14.81	-	22.64	-6.10
	12/19/97	37.45	-	12.88	-	24.57	1.93
	3/11/98	37.45	-	10.65	-	26.80	2.23
	6/22/98	37.45	-	15.06	-	22.39	-4.41
MW-20	9/15/94	38.37	-	14.98	-	23.39	**
	11/1/94	38.37	-	19.85	-	18.52	-4.87
	12/20/94	38.37	-	16.35	-	22.02	3.50
	12/30/94	38.37	-	11.18	-	27.19	5.17
	1/24/95	38.37	-	16.80	-	21.57	-5.62
	1/26/95	38.37	-	17.10	-	21.27	-0.30
	4/4/95	38.37	-	16.94	-	21.43	0.16
	6/12/95	38.37	-	19.52	-	18.85	-2.58
	8/28/95	38.37	-	21.25	-	17.12	-1.73
	11/20/95	38.37	-	15.45	-	22.92	5.80
	3/18/96	38.52	-	15.08	-	23.44	0.52
	5/15/96	38.52	-	16.21	-	22.31	-1.13
	10/23/96	38.52	-	21.50	-	17.02	-5.29
	1/27/97	38.52	-	12.88	-	25.64	8.62
	4/29/97	38.52	-	11.86	-	26.66	1.02
	7/30/97	38.52	-	18.92	-	19.60	-7.06
	12/19/97	38.52	-	16.74	-	21.78	2.18

NOTES: Elevations relative to City of Kent datum.
 ** Not calculated, previous measurement not available.
 - = Product not observed.

TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA
Texaco Facility 63-232-0307
1637 West Meeker Street
Kent, Washington

Well I.D.	Date Monitored	Top of Casing Elevation (feet)	Depth to Product (feet)	Depth to Water (feet)	Measured Product Thickness (feet)	Water Level Elevation (feet)	Difference From Previous Measurement (feet)
MW-21	9/15/94	36.18	-	17.25	-	18.93	**
	11/1/94	36.18	-	16.88	-	19.30	0.37
	12/21/94	36.18	-	13.45	-	22.73	3.43
	12/30/94	36.18	-	9.59	-	26.59	3.86
	1/26/95	36.18	-	12.74	-	23.44	-3.15
	4/4/95	36.18	-	12.41	-	23.77	0.33
	6/12/95	36.18	-	14.52	-	21.66	-2.11
	8/28/95	36.18	-	16.69	-	19.49	-2.17
	11/20/95	36.18	-	12.75	-	23.43	3.94
	3/18/96	36.43	-	6.86	-	29.57	6.14
	5/15/96	36.43	-	11.01	-	25.42	-4.15
	10/23/96	36.43	-	15.39	-	21.04	-4.38
	1/25/97	36.43	-	10.01	-	26.42	5.38
	4/29/97	36.43	-	8.98	-	27.45	1.03
	7/30/97	36.43	-	14.17	-	22.26	-5.19
	12/19/97	36.43	-	12.78	-	23.65	1.39
MW-22	3/11/98	36.43	-	11.27	-	25.16	1.51
	6/22/98	36.43	-	13.73	-	22.70	-2.46
	11/2/94	36.28	16.51	17.10	0.59	19.62*	**
	12/21/94	36.28	-	13.21	-	23.07	3.45
	12/30/94	36.28	-	9.25	-	27.03	3.96
	1/26/95	36.28	-	12.48	-	23.80	-3.23
	4/4/95	36.28	11.52	11.75	0.23	24.70*	0.90
	6/12/95	36.28	-	14.61	-	21.67	-3.03
	8/28/95	36.28	16.72	16.94	0.22	19.51*	-2.16
	11/20/95	36.28	12.79	13.02	0.23	23.43*	3.92
	3/18/96	36.57	9.75	9.92	0.17	26.78*	3.35
	5/15/96	36.57	10.90	11.05	0.15	25.63*	-1.15
	10/23/96	36.57	-	16.76	-	19.81	-5.82
	1/27/97	36.57	-	8.97	-	27.60	7.79
MW-23	4/29/97	36.57	-	10.01	-	26.56	-1.04
	7/30/97	36.57	-	14.59	-	21.98	-4.58
	12/19/97	36.57	-	13.51	-	23.06	1.08
	3/11/98	36.57	-	11.25	-	25.32	2.26
	6/22/98	36.57	-	13.73	-	22.84	-2.48
	4/4/95	38.41	-	16.71	-	21.70	**
	6/12/95	38.41	-	19.32	-	19.09	-2.61
	8/28/95	38.41	-	21.23	-	17.18	-1.91
	11/20/95	38.41	-	15.45	-	22.96	5.78
	3/18/96	36.01	-	11.84	-	24.17	1.21
MW-23	5/15/96	36.01	-	13.43	-	22.58	-1.59
	10/23/96	36.01	-	17.34	-	18.67	-3.91
	1/27/97	36.01	-	9.24	-	26.77	8.10
	4/29/97	36.01	-	9.49	-	26.52	-0.25
	7/30/97	36.01	-	15.70	-	20.31	-6.21
	12/19/97	36.01	-	14.55	-	21.46	1.15

NOTES: Elevations relative to City of Kent datum.
 * Equivalent Water Level = Top of Casing Elevation - Depth to Water + (0.75 x Measured Product Thickness).
 This equation assumes a product specific gravity of 0.75.
 ** Not calculated, previous measurement not available.
 - = Product not observed.

TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA
Texaco Facility 63-232-0307
1637 West Meeker Street
Kent, Washington

Well I.D.	Date Monitored	Top of Casing Elevation (feet)	Depth to Product (feet)	Depth to Water (feet)	Measured Product Thickness (feet)	Water Level Elevation (feet)	Difference From Previous Measurement (feet)
MW-24	4/4/95	36.37	12.02	12.21	0.19	24.30	**
	6/12/95	36.37	-	14.45	-	21.92	-2.38
	8/28/95	36.37	16.60	16.62	0.02	19.77	-2.16
	11/20/95	36.37	13.10	13.13	0.03	23.26	3.50
	3/18/96	36.59	4.09	10.56	6.47	30.88	7.62
	5/15/96	36.59	9.89	12.95	3.06	25.94	-4.95
	10/23/96	36.59	15.97	16.41	0.44	20.51	-5.43
	1/27/97	36.59	8.35	8.97	0.62	28.09	7.58
	4/29/97	36.59	9.74	12.08	2.34	26.27	-1.82
	7/30/97	36.59	13.60	15.41	1.81	22.54	-3.73
	12/19/97	36.59	12.88	13.16	0.28	23.64	1.10
	3/11/98	36.59	-	14.32	-	22.27	-1.37
	6/22/98	36.59	12.54	14.35	1.81	22.24	-0.03
MW-25	3/18/96	37.74	-	11.25	-	26.49	**
	5/15/96	37.74	-	13.12	-	24.62	-1.87
	10/23/96	37.74	-	18.60	-	19.14	-5.48
	1/27/97	37.74	-	8.12	-	29.62	10.48
	4/29/97	37.74	-	10.40	-	27.34	-2.28
	7/30/97	37.74	-	16.03	-	21.71	-5.63
	12/19/97	37.74	-	15.00	-	22.74	1.03
MW-26	3/18/96	37.38	-	6.54	-	30.84	**
	5/15/96	37.38	-	8.38	-	29.00	-1.84
	10/23/96	37.38	-	17.27	-	20.11	-8.89
	1/27/97	37.38	-	5.40	-	31.98	11.87
	4/29/97	37.38	-	6.84	-	30.54	-1.44
	7/30/97	37.38	-	14.02	-	23.36	-7.18
	12/19/97	37.38	-	10.35	-	27.03	3.67
PZ-1	3/18/96	36.45	-	12.65	-	23.80	**
	5/15/96	36.45	-	14.01	-	22.44	-1.36
	10/23/96	36.45	-	17.98	-	18.47	-3.97
	4/29/97	36.45	-	9.90	-	26.55	8.08
	7/30/97	36.45	-	16.38	-	20.07	-6.48
PZ-2	3/18/96	36.00	-	12.21	-	23.79	**
	5/15/96	36.00	-	13.58	-	22.42	-1.37
	10/23/96	36.00	-	17.53	-	18.47	-3.95
	4/29/97	36.00	-	9.43	-	26.57	8.1
	7/30/97	36.00	-	16.02	-	19.98	-6.59

NOTES:

Elevations relative to City of Kent datum.

* Equivalent Water Level = Top of Casing Elevation - Depth to Water + (0.75 x Measured Product Thickness).

This equation assumes a product specific gravity of 0.75.

** Not calculated, previous measurement not available.

- = Product not observed.

TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA
 Texaco Facility 63-232-0307
 1637 West Meeker Street
 Kent, Washington

Well ID.	Date Monitored	Top of Casing Elevation (feet)	Depth to Product (feet)	Depth to Water (feet)	Measured Product Thickness (feet)	Water Level Elevation (feet)	Difference From Previous Measurement (feet)
B-2	11/1/94	34.60	-	16.04	-	18.56	**
	12/20/94	34.60	-	12.69	-	21.91	3.35
	12/30/94	34.60	-	7.94	-	26.66	4.75
	1/26/95	34.60	-	10.99	-	23.61	-3.05
	4/4/95	34.60	-	10.71	-	23.89	0.28
	6/12/95	34.60	-	13.47	-	21.13	-2.76
	8/28/95	34.60	-	15.85	-	18.75	-2.38
	11/20/95	34.60	-	11.72	-	22.88	4.13
	3/18/96	34.68	-	8.12	-	26.56	3.68
	5/15/96	34.68	-	9.40	-	25.28	-1.28
	10/23/96	34.68	-	14.78	-	19.90	-5.38
	1/27/97	34.68	-	6.11	-	28.57	8.67
	4/29/97	34.68	-	6.14	-	28.54	-0.03
	7/30/97	34.68	-	13.26	-	21.42	-7.12
	12/19/97	34.68	-	11.89	-	22.79	1.37
	3/11/98	34.68	-	9.47	-	25.21	2.42
B-5	9/15/94	34.54	-	16.75	-	17.79	**
	11/1/94	34.54	-	16.42	-	18.12	0.33
	12/20/94	34.54	-	13.25	-	21.29	3.17
	12/30/94	34.54	-	7.99	-	26.55	5.26
	1/26/95	34.54	-	10.61	-	23.93	-2.62
	4/4/95	34.54	-	10.12	-	24.42	0.49
	6/12/95	34.54	-	13.88	-	20.66	-3.76
	8/28/95	34.54	-	16.27	-	18.27	-2.39
	11/20/95	34.54	-	12.51	-	22.03	3.76
	3/18/96	34.78	-	6.61	-	28.17	6.14
	5/15/96	34.78	-	8.14	-	26.64	-1.53
	1/27/97	34.78	-	3.96	-	30.82	4.18
	4/29/97	34.78	-	13.52	-	21.26	-9.56
	7/30/97	34.78	-	No groundwater detected in well			
	12/19/97	34.78	-	9.20	-	25.58	4.32
	6/22/98	34.78	-	12.73	-	22.05	-3.53
B-6	9/15/94	35.52	-	18.49	-	17.03	**
	11/1/94	35.52	-	17.51	-	18.01	0.98
	12/20/94	35.52	-	13.73	-	21.79	3.78
	12/30/94	35.52	-	8.39	-	27.13	5.34
	1/24/95	35.52	-	13.67	-	21.85	-5.28
	1/26/95	35.52	-	13.89	-	21.63	-0.22
	4/4/95	35.52	-	13.71	-	21.81	0.18
	6/12/95	35.52	-	16.26	-	19.26	-2.55
	8/28/95	35.52	-	18.30	-	17.22	-2.04
	11/20/95	35.52	-	12.56	-	22.96	5.74
	3/18/96	35.66	-	11.54	-	24.12	1.16
	5/15/96	35.66	-	12.99	-	22.67	-1.45
	10/23/96	35.66	-	17.12	-	18.54	-4.13
	1/27/97	35.66	-	7.89	-	27.77	9.23
	4/29/97	35.66	-	8.72	-	26.94	-0.83
	7/30/97	35.66	-	15.41	-	20.25	-6.69
	12/19/97	35.66	-	14.22	-	21.44	1.19

NOTES: Elevations relative to City of Kent datum.

* Equivalent Water Level = Top of Casing Elevation - Depth to Water + (0.75 x Measured Product Thickness).

This equation assumes a product specific gravity of 0.75.

** Not calculated, previous measurement not available.

- = Product not observed.

TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA
Texaco Facility 63-232-0307
1637 West Meeker Street
Kent, Washington

Well I.D.	Date Monitored	Top of Casing Elevation (feet)	Depth to Product (feet)	Depth to Water (feet)	Measured Product Thickness (feet)	Water Level Elevation (feet)	Difference From Previous Measurement (feet)
RMW-1	9/15/94	36.34	-	19.58	-	16.76	**
	11/1/94	36.34	-	-	-	-	**
	12/20/94	36.34	-	14.72	-	21.62	4.86
	12/30/94	36.34	-	6.27	-	30.07	8.45
	1/24/95	36.34	-	14.78	-	21.56	-8.51
	1/26/95	36.34	-	15.00	-	21.34	-0.22
	4/4/95	36.34	-	14.87	-	21.47	0.13
	6/12/95	36.34	-	17.54	-	18.80	-2.67
	8/28/95	36.34	-	19.29	-	17.05	-1.75
	11/20/95	36.34	-	13.50	-	22.84	5.79
	3/18/96	36.63	-	12.95	-	23.68	0.84
	5/15/96	36.63	-	14.31	-	22.32	-1.36
	10/23/96	36.63	-	18.17	-	18.46	-3.86
	1/27/97	36.63	-	10.62	-	26.01	7.55
	4/29/97	36.63	-	10.19	-	26.44	0.43
	7/30/97	36.63	-	Not monitored due to obstruction of well head.			
	12/19/97	36.63	-	15.25	-	21.38	-5.06
	6/22/98	36.63	-	17.04	-	19.59	-1.79
RMW-2	9/15/94	35.39	-	18.66	-	16.73	**
	11/1/94	35.39	-	18.26	-	17.13	0.40
	12/20/94	35.39	-	12.78	-	22.61	5.48
	12/30/94	35.39	-	8.22	-	27.17	4.56
	1/25/95	35.39	-	14.92	-	20.47	-6.70
	4/4/95	35.39	-	14.70	-	20.69	0.22
	6/12/95	35.39	-	17.19	-	18.20	-2.49
	8/28/95	35.39	-	18.61	-	16.78	-1.42
	11/20/95	35.39	-	12.45	-	22.94	6.16
	3/18/96	35.38	-	13.01	-	22.37	-0.57
	5/15/96	35.38	-	13.57	-	21.81	-0.56
	10/23/96	35.38	-	17.38	-	18.00	-3.81
	1/27/97	35.38	-	11.11	-	24.27	6.27
	4/29/97	35.38	-	8.95	-	26.43	2.16
	7/30/97	35.38	-	16.73	-	18.65	-7.78
RMW-3	4/4/95	36.03	-	14.48	-	21.55	**
	6/12/95	36.03	-	17.16	-	18.87	-2.68
	8/28/95	36.03	-	18.97	-	17.06	-1.81
	11/20/95	36.03	-	13.16	-	22.87	5.81
	3/18/96	34.11	-	12.58	-	21.53	-1.34
	5/15/96	34.11	-	13.97	-	20.14	-1.39
	10/23/96	34.11	-	17.71	-	16.40	-3.74
	1/27/97	34.11	-	10.25	-	23.86	3.72
	4/29/97	34.11	-	9.86	-	24.25	7.85
	7/30/97	34.11	-	16.40	-	17.71	-6.15

NOTES: Elevations relative to City of Kent datum.
Number appears anomalously high; likely due to interference by recovery recirculation line.
** Not calculated, previous measurement not available.
- = Product not observed.

TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA
Texaco Facility 63-232-0307
1637 West Meeker Street
Kent, Washington

Well I.D.	Date Monitored	Top of Casing Elevation (feet)	Depth to Product (feet)	Depth to Water (feet)	Measured Product Thickness (feet)	Water Level Elevation (feet)	Difference From Previous Measurement (feet)
RMW-4	4/4/95	35.23	-	13.87	-	21.36	**
	6/12/95	35.23	-	16.54	-	18.69	-2.67
	8/28/95	35.23	-	18.26	-	16.97	-1.72
	11/20/95	35.23	-	12.43	-	22.80	5.83
	3/18/96	35.51	-	12.00	-	23.51	0.71
	5/15/96	35.51	-	13.25	-	22.26	-1.25
	10/23/96	35.51	-	17.12	-	18.39	-3.87
	1/27/97	35.51	-	9.69	-	25.82	7.43
	4/29/97	35.51	-	9.03	-	26.48	0.66
	7/30/97	35.51	-	15.82	-	19.69	-6.79
RW-2	11/1/94	32.93	-	22.23	-	10.70	**
	12/21/94	32.93	-	22.25	-	10.68	-0.02
	12/30/94	32.93	-	12.84	-	20.09	9.41
	1/26/95	32.93	-	14.60	-	18.33	-1.76
	4/4/95	33.14	-	14.98	-	18.16	-0.17
	6/12/95	33.14	-	12.64	-	20.50	2.34
	8/28/95	33.14	-	14.63	-	18.51	-1.99
	11/20/95	33.14	-	10.23	-	22.91	4.40
	3/18/96	33.14	-	8.12	-	25.02	2.11
	5/15/96	33.14	-	10.50	-	22.64	-2.38
	12/19/97	33.14	-	11.47	-	21.67	-0.97
RW-3	11/1/94	33.27	-	19.88	-	13.39	**
	12/21/94	33.27	-	16.08	-	17.19	3.80
	12/30/94	33.27	-	12.14	-	21.13	3.94
	1/26/95	33.27	-	14.62	-	18.65	-2.48
	4/4/95	33.82	-	6.95	-	26.87	8.22
	6/12/95	33.82	-	10.85	-	22.97	-3.90
	8/28/95	33.82	-	14.45	-	19.37	-3.60
	11/20/95	33.82	-	14.12	-	19.70	0.33
	3/18/96	33.65	-	8.71	-	24.94	5.24
	5/15/96	33.65	-	9.36	-	24.29	-0.65
	12/19/97	33.65	-	10.85	-	22.80	-1.49
RW-4	11/1/94	34.39	-	17.37	-	17.02	**
	12/21/94	34.39	-	12.02	-	22.37	5.35
	12/30/94	34.39	-	7.28	-	27.11#	4.74
	1/26/95	34.39	-	13.03	-	21.36	-5.75
	4/4/95	34.16	-	12.76	-	21.40	0.04
	6/12/95	34.16	-	15.15	-	19.01	-2.39
	8/28/95	34.16	-	10.86	-	23.30#	4.29
	11/20/95	34.16	-	11.42	-	22.74	-0.56
	3/18/96	32.10	-	10.63	-	21.47	-1.27
	5/15/96	32.10	-	11.84	-	20.26	-1.21
	12/19/97	32.10	-	13.50	-	18.60	-1.66

NOTES: Elevations relative to City of Kent datum.
Number appears anomalously high; likely due to interference by recovery recirculation line.
** Not calculated, previous measurement not available.
- = Product not observed.

TABLE 1
HISTORICAL GROUNDWATER ELEVATION DATA
Texaco Facility 63-232-0307
1637 West Meeker Street
Kent, Washington

Well I.D.	Date Monitored	Top of Casing Elevation (feet)	Depth to Product (feet)	Depth to Water (feet)	Measured Product Thickness (feet)	Water Level Elevation (feet)	Difference From Previous Measurement (feet)
RW-5	11/1/94	35.06	-	15.95	-	19.11	**
	12/20/94	35.06	-	12.44	-	22.62	3.51
	12/30/94	35.06	-	8.35	-	26.71	4.09
	1/26/95	35.06	-	11.98	-	23.08	-3.63
	4/4/95	35.06	-	11.80	-	23.26	0.18
	6/12/95	35.06	-	13.61	-	21.45	-1.81
	8/28/95	35.06	-	15.66	-	19.40	-2.05
	11/20/95	35.06	-	11.71	-	23.35	3.95
	3/18/96	35.26	-	9.06	-	26.20	2.85
	5/15/96	35.26	-	10.16	-	25.10	-1.10
RW-6	11/1/94	34.90	-	24.23	-	10.67	**
	12/20/94	34.90	-	23.10	-	11.80	1.13
	12/30/94	34.90	-	12.30	-	22.60	10.80
	1/26/95	34.90	-	18.55	-	16.35	-6.25
	4/4/95	34.90	-	25.65	-	9.25	-7.10
	6/12/95	34.90	-	13.59	-	21.31	12.06
	8/28/95	34.90	-	15.61	-	19.29	-2.02
	11/20/95	34.90	-	24.13	-	10.77	-8.52
	3/18/96	35.23	-	10.52	-	24.71	13.94
	5/15/96	35.23	-	10.39	-	24.84	0.13
RG-1	1/26/95	39.90	-	14.50	-	25.40	**
	4/4/95	39.90	-	13.41	-	26.49	1.09
	6/12/95	39.90	-	17.32	-	22.58	-3.91
	8/28/95	39.90	-	19.43	-	20.47	-2.11
	11/20/95	39.90	-	15.52	-	24.38	3.91
	3/18/96	40.12	-	11.41	-	28.71	4.33
	5/15/96	40.12	-	12.52	-	27.60	-1.11
RG-2	1/26/95	37.88	-	12.48	-	25.40	**
	4/4/95	37.88	-	11.38	-	26.50	1.10
	6/12/95	37.88	-	15.05	-	22.83	-3.67
	8/28/95	37.88	-	-	-	-	**
	11/20/95	37.88	-	13.51	-	24.37	**
	3/18/96	38.13	-	9.43	-	28.70	4.33
	5/15/96	38.13	-	10.50	-	27.63	-1.07
RW-11	12/19/97	24.67	-	11.61	-	13.06	**
RW-12	12/19/97	28.48	-	13.66	-	14.82	**
RW-13	12/19/97	27.68	-	12.53	-	15.15	**

NOTES: Elevations relative to City of Kent datum.
Number appears anomalously high; likely due to interference by recovery recirculation line.
** = Not calculated, previous measurement not available.
- = Product not observed.

TABLE 2
GROUNDWATER ANALYTICAL RESULTS
JUNE 1998
Texaco Facility 63-232-0307
1637 West Meeker Street
Kent, Washington

Well Location	Sample Date	TPH-G (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Total Xylenes (µg/L)
MW-5	6/22/98	655	13.2	1.00	16.5	47.4
MW-6	6/22/98	--	--	--	--	--
MW-10	6/22/98	--	--	--	--	2.23
MW-11	6/22/98	--	--	0.551	--	--
MW-19	6/22/98	58.6	--	1.57	--	--
MW-21	6/22/98	--	1.30	--	--	--
B-5	6/22/98	--	--	--	--	--
RMW-1	6/22/98	--	--	--	--	--
Reporting Limit		50	0.50	0.50	0.50	1.0

NOTES: TPH-G = Total petroleum hydrocarbons within the gasoline range (toluene to dodecane) by Ecology Method WTPH-G.
Benzene, toluene, ethyl benzene, and total xylenes by EPA Method 8020.
✕ µg/L = Micrograms per liter [parts per billion (ppb)].
-- = Constituent not detected above the listed method reporting limit.
Laboratory analyses performed by North Creek Analytical, Bothell, Washington.
NS = Not sampled.

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 Texaco Facility 63-232-0307
 1637 West Meeker Street
 Kent, Washington

Well Location	Sample Date	TPH-G (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl Benzene (mg/L)	Total Xylenes (mg/L)	Total Lead (mg/L)	Dissolved Lead (mg/L)
B-8 (a)	8/19/94	110,000	16,000	25,000	2,800	15,000	*	*
MW-5	9/22/94	170	14	(2.0)	(2.0)	53	*	--
	12/21/94	850	110	6.2	32	120	--	*
	4/4/95	2,000	130	4.1	100	350	--	*
	6/13/95	2,300	110	6.1	110	520	*	*
	8/29/95	380	9.7	0.56	2.7	60	*	*
	11/21/95	320	17	1.2	9.1	51	*	*
	3/19/96	650	24	2.2	12	82	*	*
	5/16/96	890	28.9	--	36.0	131	*	*
	10/24/96	586	18.8	0.567	9.64	110	*	*
	1/28/97	1,290	28.2	3.81	37.80	200	*	*
	4/30/97	920	26.1	--	33.90	171	*	*
	5/29/97	32.2	6.45	28.6	5.37	65.0	*	*
	7/31/97	1,350	33.3	1.52	71.4	165	*	*
	12/19/97	657	17.1	0.98	27.4	75.3	*	*
	3/11/98	593	16.2	0.775	12.3	50.0	*	*
	6/22/98	655	13.2	1.0	16.5	47.4	*	*
MW-6	9/22/94	--	--	--	--	--	*	--
	12/21/94	--	--	--	--	--	6.6	*
	4/4/95	--	--	--	--	--	--	*
	6/13/95	--	--	--	--	--	*	*
	8/29/95	--	--	--	--	--	*	*
	11/21/95	--	--	--	--	--	*	*
	3/19/96	--	0.88	--	--	1.0	*	*
	5/16/96	--	--	--	--	--	*	*
	10/24/96	--	--	--	--	--	*	*
	1/28/97	3,340	208	564	53.9	365	*	*
	4/30/97	--	--	--	--	--	*	*
	7/31/97	--	--	--	--	--	*	*
	12/19/97	--	--	--	--	--	*	*
	3/11/98	--	--	--	--	--	*	*
	6/22/98	--	--	--	--	--	*	*
MW-10	9/16/94	440	13	2.2	3.3	1.2	*	--
	12/21/94	1,300	49	5.5	25	22	--	*
	4/4/95	--	--	--	0.79	0.59	--	*
	6/13/95	590	10	1.1	1.3	--	*	*
	8/29/95	79	5.3	0.65	--	--	*	*
	11/21/95	--	7.4	--	--	--	*	*
	3/19/96	--	--	--	--	--	*	*
	5/16/96	--	0.610	--	3.80	--	*	*
	10/24/96	--	--	--	--	--	*	*
	1/28/97	--	--	--	--	--	*	*
	4/30/97	--	--	--	--	--	*	*
	7/31/97	--	--	--	--	--	*	*
	6/22/98	--	--	--	--	2.23	*	*
Reporting Limit		50	0.50	0.50	0.50	1.0	2.0	2.0

NOTES: TPH-G = Total petroleum hydrocarbons within the gasoline range (toluene to dodecane) by Ecology Method WTPH-G.
 Benzene, toluene, ethyl benzene, and total xylenes by EPA Method 8020.
 Lead by EPA Method 7421.
 mg/L = Micrograms per liter [parts per billion (ppb)].
 -- = Constituent not detected above the listed method reporting limit.
 (2.0) = Constituent not detected above the enclosed method reporting limit.
 * = Constituent not analyzed
 [] = Relative Percent Difference (RPD), where RPD = [(sample concentration - duplicate concentration)/mean] x 100 percent.

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 Texaco Facility 63-232-0307
 1637 West Meeker Street
 Kent, Washington

Well Location	Sample Date	TPH-G (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl Benzene (mg/L)	Total Xylenes (mg/L)	Total Lead (mg/L)	Dissolved Lead (mg/L)
MW-11	9/16/94	--	--	0.88	--	--	*	--
	12/21/94	--	--	0.82	--	--	--	*
	1/24/95	--	--	--	--	--	*	*
	4/4/95	--	--	--	--	--	--	*
	6/13/95	--	--	--	--	--	*	*
	8/29/95	--	--	0.71	--	--	*	*
	11/21/95	--	--	1.2	--	--	*	*
	3/19/96	--	--	--	--	--	*	*
	5/16/96	--	--	--	--	--	*	*
	10/24/96	--	--	--	--	--	*	*
	1/28/97	--	--	--	--	--	*	*
	4/30/97	--	--	--	--	--	*	*
	7/31/97	--	--	--	--	--	*	*
	6/22/98	--	--	0.551	--	--	*	*
MW-12	9/16/94	--	--	--	--	--	*	--
	12/21/94	87	140	2.6	--	8.7	--	*
	1/24/95	--	--	--	--	--	*	*
	4/4/95	--	--	--	--	--	--	*
	6/13/95	--	--	--	--	--	*	*
	8/29/95	280	0.66	2.1	8.2	50	*	*
	11/21/95	--	35	--	--	--	*	*
	3/19/96	--	--	--	--	--	*	*
	5/16/96	--	--	--	--	--	*	*
	10/25/96	--	--	--	--	--	*	*
	1/28/97	--	--	--	--	--	*	*
	4/30/97	--	--	--	--	--	*	*
	7/31/97	--	--	--	--	--	*	*
MW-13	5/16/96	--	--	--	--	--	*	*
	10/25/96	--	--	--	--	--	*	*
	1/28/97	--	--	--	--	--	*	*
	4/30/97	--	--	--	--	--	*	*
	7/31/97	--	--	--	--	--	*	*
MW-14	9/16/94	--	--	--	--	--	*	--
	12/21/94	--	--	--	--	--	--	*
	4/4/95	--	--	--	--	--	--	*
	6/13/95	--	--	--	--	--	*	*
	8/29/95	--	--	--	--	--	*	*
	11/21/95	--	--	--	--	--	*	*
	3/19/96	--	1.6	--	--	--	*	*
	5/16/96	--	--	--	--	--	*	*
	10/24/96	--	--	--	--	--	*	*
	1/28/97	--	--	--	--	--	*	*
	4/30/97	--	--	--	--	--	*	*
	7/31/97	--	--	--	--	--	*	*
Reporting Limit		50	0.50	0.50	0.50	1.0	2.0	2.0

NOTES: TPH-G = Total petroleum hydrocarbons within the gasoline range (toluene to dodecane) by Ecology Method WTPH-G.
 Benzene, toluene, ethyl benzene, and total xylenes by EPA Method 8020.
 Lead by EPA Method 7421.
 mg/L = Micrograms per liter [parts per billion (ppb)].
 -- = Constituent not detected above the listed method reporting limit.
 (2.0) = Constituent not detected above the enclosed method reporting limit.
 * = Constituent not analyzed
 [] = Relative Percent Difference (RPD), where $RPD = [(sample\ concentration - duplicate\ concentration) / mean] \times 100\ percent$.

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 Texaco Facility 63-232-0307
 1637 West Meeker Street
 Kent, Washington

Well Location	Sample Date	TPH-G (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl Benzene (mg/L)	Total Xylenes (mg/L)	Total Lead (mg/L)	Dissolved Lead (mg/L)
MW-15	9/16/94	--	--	--	--	--	*	--
	12/21/94	--	--	--	--	--	--	*
	4/4/95	--	--	--	--	--	--	*
	6/13/95	--	--	--	--	--	*	*
	8/29/95	--	--	--	--	--	*	*
	11/21/95	--	--	--	--	--	*	*
	3/19/96	--	--	--	--	--	*	*
	5/16/96	--	--	--	--	--	*	*
	10/24/96	--	--	--	--	--	*	*
	1/28/97	--	--	--	--	--	*	*
	4/30/97	--	--	--	--	--	*	*
	7/31/97	Not sampled due to absence of groundwater in well						
MW-16	1/28/97	--	--	--	--	--	*	*
	4/30/97	--	--	--	--	--	*	*
	7/31/97	--	--	--	--	--	*	*
	3/11/98	--	--	--	--	--	*	*
MW-17	9/22/94	--	--	--	--	--	*	--
	12/21/94	--	--	--	--	--	--	*
	4/4/95	--	1.1	--	--	--	--	*
	6/13/95	--	1.0	--	--	--	*	*
	8/29/95	--	--	--	--	--	*	*
	11/21/95	--	--	--	--	--	*	*
	3/19/96	--	4.1	--	--	--	*	*
	5/16/96	--	2.93	--	--	--	*	*
	10/24/96	--	--	--	--	--	*	*
	1/28/97	--	0.846	--	--	--	*	*
	4/30/97	--	0.549	--	--	--	*	*
	7/31/97	--	3.06	--	--	--	*	*
	3/11/98	--	4.14	--	--	--	*	*
MW-18 (Duplicate)	9/22/94	--	0.51	--	--	--	*	--
	9/22/94	--	--	--	--	--	*	--
	12/21/94	--	--	--	--	--	--	*
	4/4/95	--	--	--	--	0.76	--	*
	6/13/95	--	--	--	--	--	*	*
	8/29/95	--	--	--	--	--	*	*
	11/21/95	--	--	--	--	--	*	*
	3/19/96	--	--	--	--	1.1	*	*
	5/16/96	--	--	--	--	--	*	*
	10/24/96	--	--	--	--	--	*	*
	1/28/97	51	--	--	--	2.37	*	*
	4/30/97	--	--	--	--	--	*	*
	7/31/97	--	--	--	0.584	3.34	*	*
	3/11/98	--	--	--	--	--	*	*
Reporting Limit		50	0.50	0.50	0.50	1.0	2.0	2.0

NOTES: TPH-G = Total petroleum hydrocarbons within the gasoline range (toluene to dodecane) by Ecology Method WTPH-G.
 Benzene, toluene, ethyl benzene, and total xylenes by EPA Method 8020.
 Lead by EPA Method 7421.
 mg/L = Micrograms per liter [parts per billion (ppb)].
 -- = Constituent not detected above the listed method reporting limit.
 (2.0) = Constituent not detected above the enclosed method reporting limit.
 * = Constituent not analyzed
 [] = Relative Percent Difference (RPD), where RPD = [(sample concentration - duplicate concentration)/mean] x 100 percent.

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 Texaco Facility 63-232-0307
 1637 West Meeker Street
 Kent, Washington

Well Location	Sample Date	TPH-G (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl Benzene (mg/L)	Total Xylenes (mg/L)	Total Lead (mg/L)	Dissolved Lead (mg/L)
MW-19 (Duplicate)	9/16/94	1,300	6.6	2.1	11	63	*	--
	12/21/94	1,500	18	4.4	29	96	--	*
	12/21/94	960 [44 %]	13 [32 %]	4.5 [2 %]	30 [3 %]	99 [3 %]	--	*
	4/4/95	--	--	--	--	--	--	*
	6/13/95	750	0.75	--	--	4.0	*	*
	8/29/95	1,100	3.0	0.59	--	9.9	*	*
	11/21/95	530	5.4	1.5	1.2	15	*	*
	3/19/96	220	--	0.87	--	1.1	*	*
	5/16/96	--	--	--	0.550	1.73	*	*
	10/24/96	201	1.55	--	--	1.79	*	*
	1/28/97	220	--	--	--	--	*	*
	4/30/97	--	--	--	--	--	*	*
	7/31/97	--	--	--	0.596	2.70	*	*
	12/19/97	55.7	--	--	--	--	*	*
	6/22/98	58.6	--	1.57	--	--	*	*
MW-20	9/16/94	--	--	--	--	--	*	--
	12/21/94	--	--	--	--	--	--	*
	1/24/95	--	--	--	--	--	*	*
	4/4/95	--	--	--	--	--	--	*
	6/13/95	--	--	--	--	--	*	*
	8/29/95	--	--	--	--	--	*	*
	11/21/95	--	--	--	--	--	*	*
	3/19/96	250	--	--	--	--	*	*
	5/16/96	--	--	--	--	--	*	*
	10/24/96	--	--	--	--	--	*	*
	1/28/97	--	--	--	--	--	*	*
	4/30/97	--	--	--	--	--	*	*
	7/31/97	--	--	--	--	--	*	*
MW-21 (Duplicate)	08/19/94 (a)	790	100	37	30	200	*	*
	9/16/94	510	17	2.8	2.8	31	*	--
	9/16/94	510 [0 %]	15 [12 %]	2.5 [11 %]	3.3 [16 %]	28 [10 %]	*	--
	12/21/94	440	65	5.2	1.4	49	--	*
	4/4/95	440	26	4.3	1.0	24	--	*
	6/13/95	500	14	1.8	--	15	*	*
	8/29/95	500	12	1.4	--	13	*	*
	11/21/95	290	72	2.4	--	25	*	*
	3/19/96	--	27	2.3	--	16	*	*
	5/16/96	--	28.0	2.59	--	24.0	*	*
	10/24/96	120	28.4	--	--	3.31	*	*
	1/28/97	--	--	--	--	--	*	*
	4/30/97	--	--	--	--	--	*	*
	7/31/97	64.9	3.87	--	--	--	*	*
	12/19/97	55.4	5.88	--	--	--	*	*
	3/11/98	--	5.83	--	--	--	*	*
	6/22/98	--	1.30	--	--	--	*	*
Reporting Limit		50	0.50	0.50	0.50	1.0	2.0	2.0

NOTES: TPH-G = Total petroleum hydrocarbons within the gasoline range (toluene to dodecane) by Ecology Method WTPH-G.
 Benzene, toluene, ethyl benzene, and total xylenes by EPA Method 8020.
 Lead by EPA Method 7421.
 mg/L = Micrograms per liter [parts per billion (ppb)].
 -- = Constituent not detected above the listed method reporting limit.
 (2.0) = Constituent not detected above the enclosed method reporting limit.
 * = Constituent not analyzed
 [] = Relative Percent Difference (RPD), where RPD = [(sample concentration - duplicate concentration)/mean] x 100 percent.

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 Texaco Facility 63-232-0307
 1637 West Meeker Street
 Kent, Washington

Well Location	Sample Date	TPH-G (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl Benzene (mg/L)	Total Xylenes (mg/L)	Total Lead (mg/L)	Dissolved Lead (mg/L)
MW-22	10/7/94	100,000	9,200	19,000	3,000	16,000	*	2.7
	12/21/94	33,000	3,200	7,900	1,100	5,400	--	*
	4/4/95	Not sampled due to the presence of measurable liquid phase hydrocarbons.					*	
	6/13/95	140,000	11,000	21,000	2,600	18,000	*	*
	8/29/95	Not sampled due to the presence of measurable liquid phase hydrocarbons.					*	
	11/21/95	Not sampled due to the presence of measurable liquid phase hydrocarbons.					*	
	10/24/96	38,300	2,120	5,610	935	8,180	*	*
	1/28/97	77,700	3,570	7,740	916	11,600	*	*
	4/30/97	62,000	4,060	8,190	1,000	11,500	*	*
	7/31/97	101,000	9,880	17,700	1,510	16,600	*	*
	12/19/97	109,000	6,600	9,580	995	12,500	*	*
	3/11/98	81,200	8,510	12,600	1,720	11,200	*	*
MW-23	4/4/95	2,000	8.8	6.9	75	340	--	*
	6/13/95	7,700	46	35	270	1,400	*	*
	8/29/95	5,700	29	15	110	540	*	*
	11/21/95	2,600	18	7.1	52	220	*	*
	3/19/96	--	--	--	--	--	*	*
	5/16/96	172	1.85	1.21	8.20	29.7	*	*
	10/24/96	--	--	--	--	--	*	*
	1/28/97	--	--	--	--	--	*	*
	4/30/97	--	--	--	--	--	*	*
	7/31/97	--	--	--	--	--	*	*
MW-24	4/4/95	Not sampled due to the presence of measurable liquid phase hydrocarbons.					*	
	6/13/95	NS	NS	NS	NS	NS	NS	NS
	8/29/95	Not sampled due to the presence of measurable liquid phase hydrocarbons.					*	*
	11/21/95	Not sampled due to the presence of measurable liquid phase hydrocarbons.					*	*
	3/19/96	Not sampled due to the presence of measurable liquid phase hydrocarbons.					*	*
	5/16/96	Not sampled due to the presence of measurable liquid phase hydrocarbons.					*	*
	10/24/96	Not sampled due to the presence of measurable liquid phase hydrocarbons.					*	*
	1/28/97	Not sampled due to the presence of measurable liquid phase hydrocarbons.					*	*
	4/30/97	Not sampled due to the presence of measurable liquid phase hydrocarbons.					*	*
	7/31/97	Not sampled due to the presence of measurable liquid phase hydrocarbons.					*	*
MW-25	12/19/97	Not sampled due to the presence of measurable liquid phase hydrocarbons.					*	*
	3/11/98	Not sampled due to the presence of measurable liquid phase hydrocarbons.					*	*
	6/22/98	Not sampled due to the presence of measurable liquid phase hydrocarbons.					*	*
	3/19/96	1,700	9.0	3.5	22	52	*	*
	5/16/96	1,410	6.42	17.2	40.5	239	*	*
	10/24/96	17,400	183	183	1,180	3,970	*	*
	1/28/97	--	0.794	--	--	--	*	*
Reporting Limit	4/30/97	--	--	--	--	1.27	*	*
	7/31/97	--	0.500	--	--	--	*	*
	12/19/97	--	--	--	--	--	*	*
		50	0.50	0.50	0.50	1.0	2.0	2.0

NOTES: TPH-G = Total petroleum hydrocarbons within the gasoline range (toluene to dodecane) by Ecology Method WTPH-G.
 Benzene, toluene, ethyl benzene, and total xylenes by EPA Method 8020.
 Lead by EPA Method 7421.
 mg/L = Micrograms per liter [parts per billion (ppb)].
 -- = Constituent not detected above the listed method reporting limit.
 (2.0) = Constituent not detected above the enclosed method reporting limit.
 * = Constituent not analyzed
 [] = Relative Percent Difference (RPD), where RPD = [(sample concentration - duplicate concentration)/mean] x 100 percent.
 NS = Not sampled.

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 Texaco Facility 63-232-0307
 1637 West Meeker Street
 Kent, Washington

Well Location	Sample Date	TPH-G (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl Benzene (mg/L)	Total Xylenes (mg/L)	Total Lead (mg/L)	Dissolved Lead (mg/L)
MW-26	3/19/96	--	--	--	--	--	*	*
	5/16/96	--	--	--	--	--	*	*
	10/24/96	--	--	--	--	--	*	*
	1/28/97	--	--	--	--	--	*	*
	4/30/97	--	--	--	--	--	*	*
	7/31/97	--	--	--	--	--	*	*
B-2 (Duplicate) (Duplicate)	12/21/94	3,600	650	62	31	780	--	*
	4/4/95	66,000	250	3,300	2,200	14,000	2.1	*
	4/4/95	65,000 [2%]	220 [13 %]	3,100 [6 %]	2,200 [0 %]	13,000 [7 %]	--	*
	6/13/95	44,000	300	1,800	1,800	11,000	*	*
	6/13/95	52,000 [17 %]	310 [3 %]	2,000 [11 %]	2,100 [15 %]	13,000 [17 %]	*	*
	8/29/95	44,000	360	1,100	1,700	7,300	*	*
	11/21/95	16,000	100	180	670	2,900	*	*
	3/19/96	61,000	450	2,100	1,800	5,700	*	*
	5/16/96	41,000	271	2,130	1,740	9,590	*	*
	10/24/96	4,990	41.8	43.2	271	913	*	*
	1/28/97	--	0.850	--	--	1.03	*	*
	4/30/97	--	--	--	--	--	*	*
	7/31/97	294	6.93	1.37	8.96	16.7	*	*
	12/19/97	693	7.96	0.77	20.50	7.6	*	*
	3/11/98	1,280	6.74	2.22	76.0	78.1	*	*
B-5	9/16/94	15,000	110	150	670	2,300	*	--
	1/28/97	--	--	--	--	--	*	*
	4/30/97	--	--	--	--	--	*	*
	7/31/97	Not sampled due to absence of groundwater in well						
	12/19/97	--	--	--	--	--	*	*
	6/22/98	--	--	--	--	--	*	*
B-6	9/16/94	--	12	--	--	4.1	*	--
	12/21/94	140	73	6.2	5.7	38	5.2	*
	4/4/95	--	--	--	--	--	--	*
	6/13/95	--	30	1.4	--	3.3	*	*
	8/29/95	64	48	2.4	1.1	7.6	*	*
	11/21/95	280	80	6.4	4.0	69	*	*
	3/19/96	--	--	--	--	--	*	*
	5/16/96	--	--	--	--	--	*	*
	10/24/96	81.5	15.2	0.604	6.16	8.77	*	*
	1/28/97	--	--	--	--	--	*	*
	4/30/97	--	--	--	--	--	*	*
	7/31/97	--	--	--	--	--	*	*
	12/19/97	--	--	--	--	--	*	*
Reporting Limit		50	0.50	0.50	0.50	1.0	2.0	2.0

NOTES: TPH-G = Total petroleum hydrocarbons within the gasoline range (toluene to dodecane) by Ecology Method WTPH-G.
 Benzene, toluene, ethyl benzene, and total xylenes by EPA Method 8020.
 Lead by EPA Method 7421.
 mg/L = Micrograms per liter [parts per billion (ppb)].
 -- = Constituent not detected above the listed method reporting limit.
 (2.0) = Constituent not detected above the enclosed method reporting limit.
 * = Constituent not analyzed
 [] = Relative Percent Difference (RPD), where RPD = [(sample concentration - duplicate concentration)/mean] x 100 percent.

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 Texaco Facility 63-232-0307
 1637 West Meeker Street
 Kent, Washington

Well Location	Sample Date	TPH-G (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl Benzene (mg/L)	Total Xylenes (mg/L)	Total Lead (mg/L)	Dissolved Lead (mg/L)
RMW-1 (Duplicate)	9/16/94	--	6.2	0.84	--	2.8	*	--
	9/16/94	54	8.8 [35%]	0.86 [2%]	--	3.7 [28%]	*	--
	12/21/94	970	160	2.4	5.2	28	--	*
	(Duplicate) 12/21/94	900 [7%]	150 [6%]	2.2 [9%]	4.8 [8%]	25 [11%]	--	*
	1/24/95	150	55	--	--	--	*	*
	4/4/95	--	--	--	--	--	--	*
	(Duplicate) 4/4/95	--	0.58	--	--	--	--	*
	6/13/95	--	--	--	--	--	*	*
	(Duplicate) 6/13/95	--	--	--	--	--	*	*
	8/29/95	--	--	--	--	--	*	*
	11/21/95	110	18	--	--	0.84	*	*
	3/19/96	--	--	--	--	--	*	*
	5/16/96	123	8.21	--	--	3.16	*	*
	10/24/96	--	1.26	--	--	--	*	*
	1/28/97	--	--	--	--	--	*	*
	4/30/97	--	--	--	--	--	*	*
	7/31/97	Not sampled due to obstruction of wellhead						
	12/19/97	--	7.45	--	--	--	*	*
	6/22/98	--	--	--	--	--	*	*
	3/19/96	--	--	--	--	--	*	*
	5/16/96	--	--	--	--	--	*	*
	10/24/96	--	--	--	--	--	*	*
	1/28/97	--	--	--	--	--	*	*
	5/29/97	--	--	--	--	--	*	*
	7/31/97	--	--	--	--	--	*	*
RMW-3	4/4/95	--	--	--	--	--	--	*
	6/13/95	--	--	--	--	--	*	*
	8/29/95	--	--	--	--	--	*	*
	11/21/95	--	--	--	--	--	*	*
	3/19/96	--	--	--	--	--	*	*
	5/16/96	--	--	--	--	--	*	*
	10/24/96	--	--	--	--	--	*	*
	1/28/97	--	--	--	--	--	*	*
	4/30/97	--	--	--	--	--	*	*
	7/31/97	--	--	--	--	--	*	*
Reporting Limit		50	0.50	0.50	0.50	1.0		

NOTES: TPH-G = Total petroleum hydrocarbons within the gasoline range (toluene to dodecane) by Ecology Method WTPH-G.
 Benzene, toluene, ethyl benzene, and total xylenes by EPA Method 8020.
 Lead by EPA Method 7421.
 mg/L = Micrograms per liter [parts per billion (ppb)].
 -- = Constituent not detected above the listed method reporting limit
 * = Constituent not analyzed
 [] = Relative Percent Difference (RPD), where $RPD = [(sample\ concentration - duplicate\ concentration) / mean] \times 100\ percent$.

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 Texaco Facility 63-232-0307
 1637 West Meeker Street
 Kent, Washington

Well Location	Sample Date	TPH-G (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl Benzene (mg/L)	Total Xylenes (mg/L)	Total Lead (mg/L)	Dissolved Lead (mg/L)
RMW-4	4/4/95	--	--	--	--	--	--	*
	6/13/95	--	--	--	--	--	*	*
	8/29/95	--	--	--	--	--	*	*
	11/21/95	--	--	--	--	--	*	*
	3/19/96	--	--	--	--	--	*	*
	5/16/96	--	--	--	--	--	*	*
	10/24/96	--	--	--	0.546	6.28	*	*
	1/28/97	--	--	--	--	--	*	*
	4/30/97	--	--	--	--	--	*	*
	7/31/97	--	--	--	--	--	*	*
PZ-01	3/19/96	--	1.2	--	--	--	*	*
PZ-02	3/19/96	--	9.2	1.1	--	4.2	*	*
RW-2	12/19/97	--	0.97	--	--	--	*	*
RW-3	12/19/97	--	--	--	--	--	*	*
RW-4	12/19/97	--	--	--	--	--	*	*
RW-11	12/19/97	--	--	--	--	--	*	*
RW-12	12/19/97	--	--	--	--	--	*	*
RW-13	12/19/97	--	--	--	--	--	*	*
Reporting Limit		50	0.50	0.50	0.50	1.0	2.0	2.0

NOTES: TPH-G = Total petroleum hydrocarbons within the gasoline range (toluene to dodecane) by Ecology Method WTPH-G.
 Benzene, toluene, ethyl benzene, and total xylenes by EPA Method 8020.
 Lead by EPA Method 7421.
 mg/L = Micrograms per liter [parts per billion (ppb)].
 -- = Constituent not detected above the listed method reporting limit
 * = Constituent not analyzed
 [] = Relative Percent Difference (RPD), where $RPD = [(sample\ concentration - duplicate\ concentration)/mean] \times 100\ percent$.

ATTACHMENT 3
LABORATORY ANALYTICAL REPORT

Quarterly Groundwater Monitoring Data Submittal

June 1998

Texaco Location 63-232-0307

1637 West Meeker Street

Kent, Washington

Texaco Refining and Marketing, Inc.

SECOR PN: 00920-101-18

July 29, 1998



NORTH CREEK ANALYTICAL

Environmental Laboratory Services

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Secor-Bellevue
15400 SE 30th Place, Ste. 100
Bellevue, WA 98007

Project: Texaco #63-232-0307
Project Number: #00920-101-14
Project Manager: Namrata Shriyastaya

Sampled: 6/22/98
Received: 6/23/98
Reported: 6/26/98 13:32

Summary Report*

(Please refer to the Analytical Report for a thorough review of the complete data set.)

Method	Analyte	Units	60307-MW-5 Water 6/22/98 B806451-00	60307-MW-6 Water 6/22/98 B806451-01	60307-MW-10 Water 6/22/98 B806451-02	60307-MW-11 Water 6/22/98 B806451-03	60307-MW-19 Water 6/22/98 B806451-04
WTPH-G/8021	Gasoline Range Hydrocarbons	ug/l	655	<50.0	<50.0	<50.0	58.6
"	Benzene	"	13.2	<0.500	<0.500	<0.500	<0.500
"	Toluene	"	1.00	<0.500	<0.500	0.551	1.57
"	Ethylbenzene	"	16.5	<0.500	<0.500	<0.500	<0.500
"	Xylenes (total)	"	47.4	<1.00	2.23	<1.00	<1.00

Method	Analyte	Units	60307-MW-21 Water 6/22/98 B806451-05	60307-B-5 Water 6/22/98 B806451-06	60307-RMW-1 Water 6/22/98 B806451-07		
WTPH-G/8021	Gasoline Range Hydrocarbons	ug/l	<50.0	<50.0	<50.0		
"	Benzene	"	1.30	<0.500	<0.500		
"	Toluene	"	<0.500	<0.500	<0.500		
"	Ethylbenzene	"	<0.500	<0.500	<0.500		
"	Xylenes (total)	"	<1.00	<1.00	<1.00		

North Creek Analytical, Inc.

*The Summary Report is a subset of the final Analytical Report and does not include substantial supportive information such as quality control data; this report accurately summarizes sample results for your convenience only.


Matthew Essig, Project Manager



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Secor-Bellevue
15400 SE 30th Place, Ste. 100
Bellevue, WA 98007

Project: Texaco #63-232-0307
Project Number: #00920-101-14
Project Manager: Namrata Shriyastaya

Sampled: 6/22/98
Received: 6/23/98
Reported: 6/26/98 13:32

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
60307-MW-5	B806451-00	Water	6/22/98
60307-MW-6	B806451-01	Water	6/22/98
60307-MW-10	B806451-02	Water	6/22/98
60307-MW-11	B806451-03	Water	6/22/98
60307-MW-19	B806451-04	Water	6/22/98
60307-MW-21	B806451-05	Water	6/22/98
60307-B-5	B806451-06	Water	6/22/98
60307-RMW-1	B806451-07	Water	6/22/98

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*The results in this report apply to the samples analyzed in accordance with the chain of custody document.
This analytical report must be reproduced in its entirety.*


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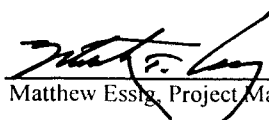
Secor-Bellevue	Project: Texaco #63-232-0307	Sampled: 6/22/98
15400 SE 30th Place, Ste. 100	Project Number: #00920-101-14	Received: 6/23/98
Bellevue, WA 98007	Project Manager: Namrata Shriyastaya	Reported: 6/26/98 13:32

Gasoline Hydrocarbons (Toluene to Dodecane) and BTEX by WTPH-G and EPA 8021B North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
60307-MW-5 B806451-00								
Gasoline Range Hydrocarbons	0680775	6/24/98	6/24/98		50.0	655	Water ug/l	
Benzene	"	"	"		0.500	13.2	"	
Toluene	"	"	"		0.500	1.00	"	
Ethylbenzene	"	"	"		0.500	16.5	"	
Xylenes (total)	"	"	"		1.00	47.4	"	
Surrogate: 4-BFB (FID)	"	"	"	50.0-150		102	%	
Surrogate: 4-BFB (PID)	"	"	"	50.0-150		96.0	"	
60307-MW-6 B806451-01								
Gasoline Range Hydrocarbons	0680775	6/24/98	6/24/98		50.0	ND	Water ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		1.00	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	50.0-150		106	%	
Surrogate: 4-BFB (PID)	"	"	"	50.0-150		115	"	
60307-MW-10 B806451-02								
Gasoline Range Hydrocarbons	0680775	6/24/98	6/24/98		50.0	ND	Water ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		1.00	2.23	"	1
Surrogate: 4-BFB (FID)	"	"	"	50.0-150		106	%	
Surrogate: 4-BFB (PID)	"	"	"	50.0-150		115	"	
60307-MW-11 B806451-03								
Gasoline Range Hydrocarbons	0680775	6/24/98	6/24/98		50.0	ND	Water ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	0.551	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		1.00	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	50.0-150		106	%	
Surrogate: 4-BFB (PID)	"	"	"	50.0-150		114	"	
60307-MW-19 B806451-04								
Gasoline Range Hydrocarbons	0680775	6/24/98	6/24/98		50.0	58.6	Water ug/l	
Benzene	"	"	"		0.500	ND	"	

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*Refer to end of report for text of notes and definitions.


Matthew Essig, Project Manager



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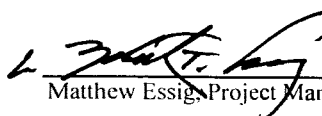
Secor-Bellevue
15400 SE 30th Place, Ste. 100
Bellevue, WA 98007

Project: Texaco #63-232-0307
Project Number: #00920-101-14
Project Manager: Namrata Shriyastaya

Sampled: 6/22/98
Received: 6/23/98
Reported: 6/26/98 13:32

Gasoline Hydrocarbons (Toluene to Dodecane) and BTEX by WTPH-G and EPA 8021B North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
60307-MW-19 (continued)				B806451-04			Water	
Toluene	0680775	6/24/98	6/24/98		0.500	1.57	ug/l	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		1.00	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	50.0-150		104	%	
Surrogate: 4-BFB (PID)	"	"	"	50.0-150		115	"	
60307-MW-21				B806451-05			Water	
Gasoline Range Hydrocarbons	0680775	6/24/98	6/24/98		50.0	ND	ug/l	
Benzene	"	"	"		0.500	1.30	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		1.00	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	50.0-150		97.1	%	
Surrogate: 4-BFB (PID)	"	"	"	50.0-150		113	"	
60307-B-5				B806451-06			Water	
Gasoline Range Hydrocarbons	0680775	6/24/98	6/24/98		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		1.00	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	50.0-150		99.4	%	
Surrogate: 4-BFB (PID)	"	"	"	50.0-150		114	"	
60307-RMW-1				B806451-07			Water	
Gasoline Range Hydrocarbons	0680775	6/24/98	6/24/98		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		1.00	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	50.0-150		101	%	
Surrogate: 4-BFB (PID)	"	"	"	50.0-150		115	"	


Matthew Essig, Project Manager



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Secor-Bellevue	Project: Texaco #63-232-0307	Sampled: 6/22/98
15400 SE 30th Place, Ste. 100	Project Number: #00920-101-14	Received: 6/23/98
Bellevue, WA 98007	Project Manager: Namrata Shriyastaya	Reported: 6/26/98 13:32

Gasoline Hydrocarbons (Toluene to Dodecane) and BTEX by WTPH-G and EPA 8021B/Quality Control North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes
Batch: 0680775		Date Prepared: 6/24/98		Extraction Method: EPA 5030B (P/T)						
Blank		0680775-BLK1								
Gasoline Range Hydrocarbons	6/24/98			ND	ug/l	50.0				
Benzene	"			ND	"	0.500				
Toluene	"			ND	"	0.500				
Ethylbenzene	"			ND	"	0.500				
Xylenes (total)	"			ND	"	1.00				
Surrogate: 4-BFB (FID)	"	48.0		47.8	"	50.0-150	99.6			
Surrogate: 4-BFB (PID)	"	48.0		55.3	"	50.0-150	115			
LCS		0680775-BS1								
Gasoline Range Hydrocarbons	6/24/98	500		510	ug/l	70.0-130	102			
Surrogate: 4-BFB (FID)	"	48.0		45.5	"	50.0-150	94.8			
Duplicate		0680775-DUP1		B806451-01						
Gasoline Range Hydrocarbons	6/24/98		ND	ND	ug/l			25.0		2
Surrogate: 4-BFB (FID)	"	48.0		48.8	"	50.0-150	102			
Duplicate		0680775-DUP2		B806451-05						
Gasoline Range Hydrocarbons	6/25/98		ND	ND	ug/l			25.0		
Surrogate: 4-BFB (FID)	"	48.0		44.1	"	50.0-150	91.9			
Matrix Spike		0680775-MS1		B806451-02						
Benzene	6/24/98	10.0	ND	10.7	ug/l	70.0-130	107			
Toluene	"	10.0	ND	10.2	"	70.0-130	102			
Ethylbenzene	"	10.0	ND	9.99	"	70.0-130	99.9			
Xylenes (total)	"	30.0	2.23	30.2	"	70.0-130	93.2			
Surrogate: 4-BFB (PID)	"	48.0		55.9	"	50.0-150	116			
Matrix Spike Dup		0680775-MSD1		B806451-02						
Benzene	6/24/98	10.0	ND	11.0	ug/l	70.0-130	110	15.0	2.76	
Toluene	"	10.0	ND	10.5	"	70.0-130	105	15.0	2.90	
Ethylbenzene	"	10.0	ND	10.3	"	70.0-130	103	15.0	3.06	
Xylenes (total)	"	30.0	2.23	31.1	"	70.0-130	96.2	15.0	3.17	
Surrogate: 4-BFB (PID)	"	48.0		56.6	"	50.0-150	118			

North Creek Analytical, Inc.

*Refer to end of report for text of notes and definitions.


Matthew Essig, Project Manager



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PORTLAND ■ (503) 906-9200 ■ FAX 906-9210

Secor-Bellevue
15400 SE 30th Place, Ste. 100
Bellevue, WA 98007

Project: Texaco #63-232-0307
Project Number: #00920-101-14
Project Manager: Namrata Shriyastaya

Sampled: 6/22/98
Received: 6/23/98
Reported: 6/26/98 13:32

Notes and Definitions

#	Note
1	The reporting limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.
2	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit.
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
Recov.	Recovery
RPD	Relative Percent Difference

North Creek Analytical, Inc.


Matthew Essig, Project Manager

TEXACO CHAIN OF CUSTODY REPORT

Work Order #: **B806451**

CONSULTANT: SECOR PROJECT MANAGER: NAMRATA SHRIVASTAVA ADDRESS: 15400 SE 30th PLACE, SUITE 100 BELLEVUE, WA. 98007 PHONE: (425) 641-9900 FAX: (425) 641-9092 PROJECT NAME: TEXACO Facility #63-232-0307 PROJECT NUMBER: 00920-101-14 SAMPLED BY: J. Lan Scott			TEXACO INFORMATION TEXACO PROJECT MANAGER: Jeff Gould TEXACO FACILITY NUMBER: 63-232-0307 SITE ADDRESS: 1637 West Meeker Street Kent, WA. State Hydrocarbon Methods (please circle): WA OR AK ID Analysis Request: TPH-GBTEX TPH-D TPH-D Extended TPH-418.1 TPH-HCID TotDiss Lead			TURNAROUND REQUEST in Business Days Organic & Inorganic Analyses * 10 5 3 1 Air Analyses * 3 1 OTHER Specify: _____ * Standard Turnaround for Organic & Inorganic Analyses is 10 Days * Standard Turnaround for Air Analyses is 3 Days								
NCA SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE / TIME										MATRIX (W, S, O)	# OF CONTAINERS	COMMENTS & PRESERVATIVES USED
B806451-00	1. 60307-MW-5	6-22-98/15:20	✓									W	2	HCL
-01	2. 60307-MW-6	15:35	✓										2	
-02	3. 60307-MW-10	15:50	✓										2	
-03	4. 60307-MW-11	16:05	✓										2	
-04	5. 60307-MW-19	16:25	✓										2	
-05	6. 60307-MW-21	16:40	✓										2	
-06	7. 60307-B-5	17:15	✓										2	
-07	8. 60307-RMW-1	17:00	✓									✓	2	✓
	9.													
	10.													

RELINQUISHED BY: J. Lan Scott	DATE: 6-23-98	RECEIVED BY: Cathy Nichols	DATE: 6/23/98
PRINT NAME: KEN SCOTT FIRM: SECOR	TIME: 8:30	PRINT NAME: Cathy Nichols FIRM: NCA B	TIME: 12:00
RELINQUISHED BY: Cathy Nichols	DATE: 6/23/98	RECEIVED BY: B. Dightman	DATE: 6/23/98
PRINT NAME: Cathy Nichols FIRM: NCA	TIME: 13:10	PRINT NAME: B. Dightman FIRM: NCA	TIME: 13:10

ADDITIONAL REMARKS: _____

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1 OF 1