

REC'D OCT 18 2000

Date: October 16, 2000

ARCO QUARTERLY GROUNDWATER MONITORING REPORT - 3RD QUARTER 2000

Facility No:	<u>0855</u>
Address:	<u>4603 Ocean Beach Highway</u> <u>Longview, Washington</u>
ARCO Environmental Engineer:	<u>Mr. Chuck Hutchens</u>
Consulting Co./Contact Person:	<u>SECOR International Incorporated/Scott Miller</u>
Consultant Project No.:	<u>015.08698.703</u>
Primary Agency:	<u>Washington Department of Ecology (Ecology)</u>
Ecology LUST File No:	<u>5421 5090H 513961</u>

WORK PERFORMED 3RD QUARTER 2000:

1. Groundwater monitoring and sampling on July 20, 2000.
2. Soil disposal on August 14, 2000.

WORK PROPOSED FOR 4TH QUARTER 2000:

1. Quarterly groundwater monitoring and sampling.

Current Phase of Project:	<u>Groundwater monitoring</u>
Is Free Product (FP) Present On-Site:	<u>No</u>
FP Recovered this Quarter (gallons):	<u>Not applicable (NA)</u>
Cumulative FP Recovered to Date (gallons):	<u>NA</u>
Current Remediation Techniques:	<u>NA</u>
Approximate Depth to Groundwater (feet below top of casing):	<u>5.06 (MW-2) to 7.05 (MW-3)</u>
Groundwater Gradient (direction):	<u>East</u>
Groundwater Gradient (magnitude):	<u>0.07 ft/ft</u>

DISCUSSION:

Groundwater monitoring field activities conducted on July 20, 2000 included measuring the water levels and collecting groundwater samples from MW-1 through MW-3. The water samples collected from MW-1 through MW-3 were analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX) by Environmental Protection Agency (EPA) Method 8021B and total petroleum hydrocarbons in the gasoline range (TPH-G) by NWTPH-Gx.

Benzene was detected at concentrations above the laboratory method reporting limit (MRL) in monitoring wells MW-2 and MW-3 at 11.9 micrograms per liter ($\mu\text{g/L}$) and 10,700 $\mu\text{g/L}$, respectively. TPH-G was also detected at concentrations above the laboratory MRL in MW-2 and MW-3 at 7,220 $\mu\text{g/L}$ and 145,000 $\mu\text{g/L}$, respectively.). There were no detections above the laboratory MRLs in monitoring well MW-1.

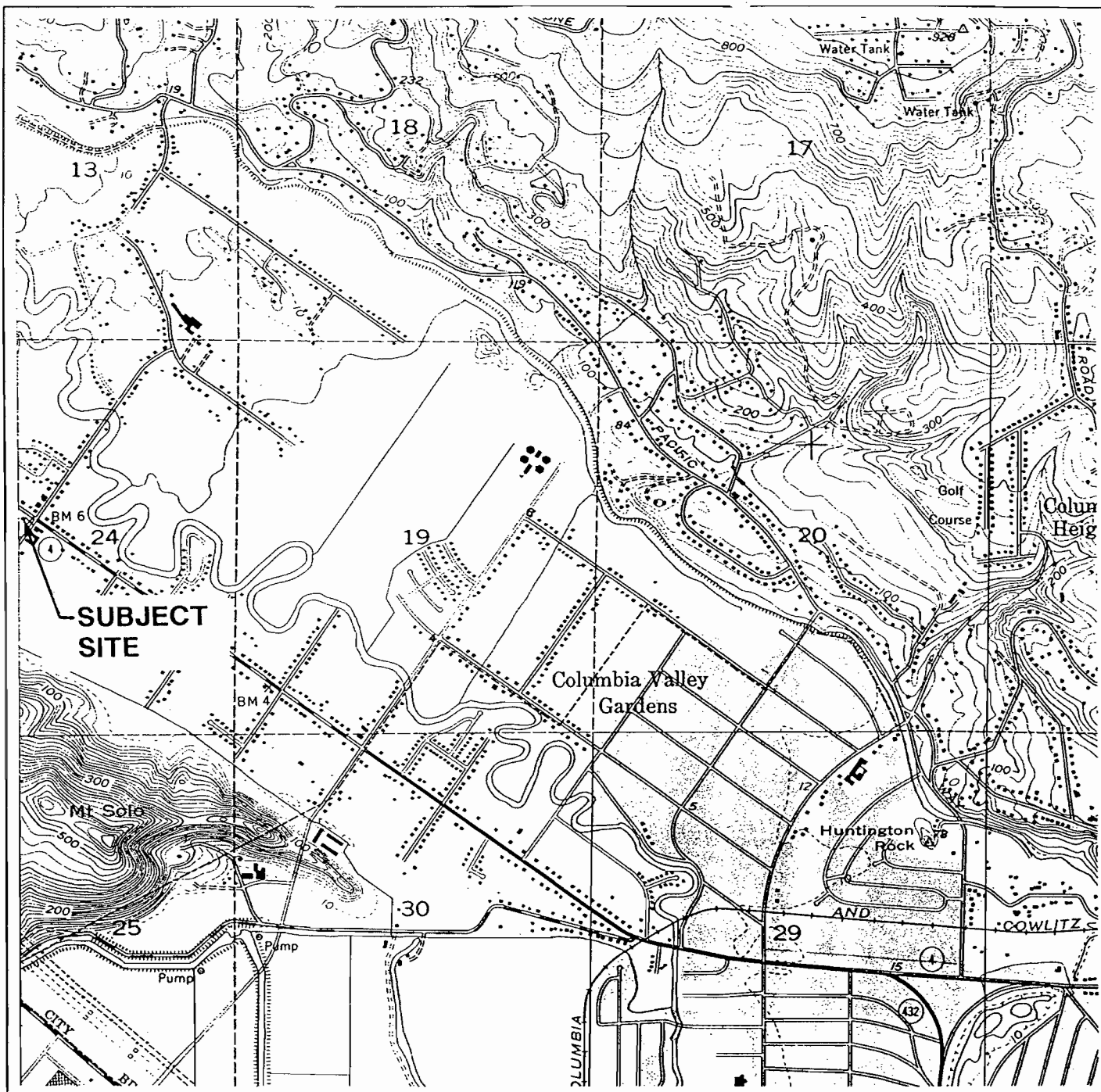
At ARCO's direction, SECOR arranged for transportation of 24.45 tons of soil on August 14, 2000 to TPS Technologies, Inc. of Portland, Oregon for treatment and disposal. The excavated soil had been left on site as a result of the property owner's tank removal during the summer of 1999.

ATTACHMENTS:

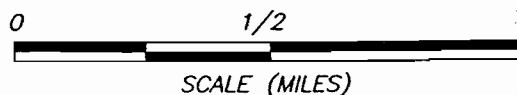
- Figure 1: Site Location Map
- Figure 2: Groundwater Contour Map and Historical Groundwater Analytical Results
- Table 1: Summary of Groundwater Monitoring Results
- Laboratory Report and Chain of Custody
- Groundwater Sampling Field Data Sheets
- Soil Disposal Receipt

cc: ✓ Mr. Craig Rankine, Washington Department of Ecology, Vancouver, Washington
Mr. David McDowell, Attorney for Wakefield Trust, Vancouver, Washington

FIGURES



QUADRANGLE LOCATION



REFERENCE: USGS 7.5 MINUTE QUADRANGLE; KELSO, WASHINGTON; 1970

SECOR
International Incorporated
 015

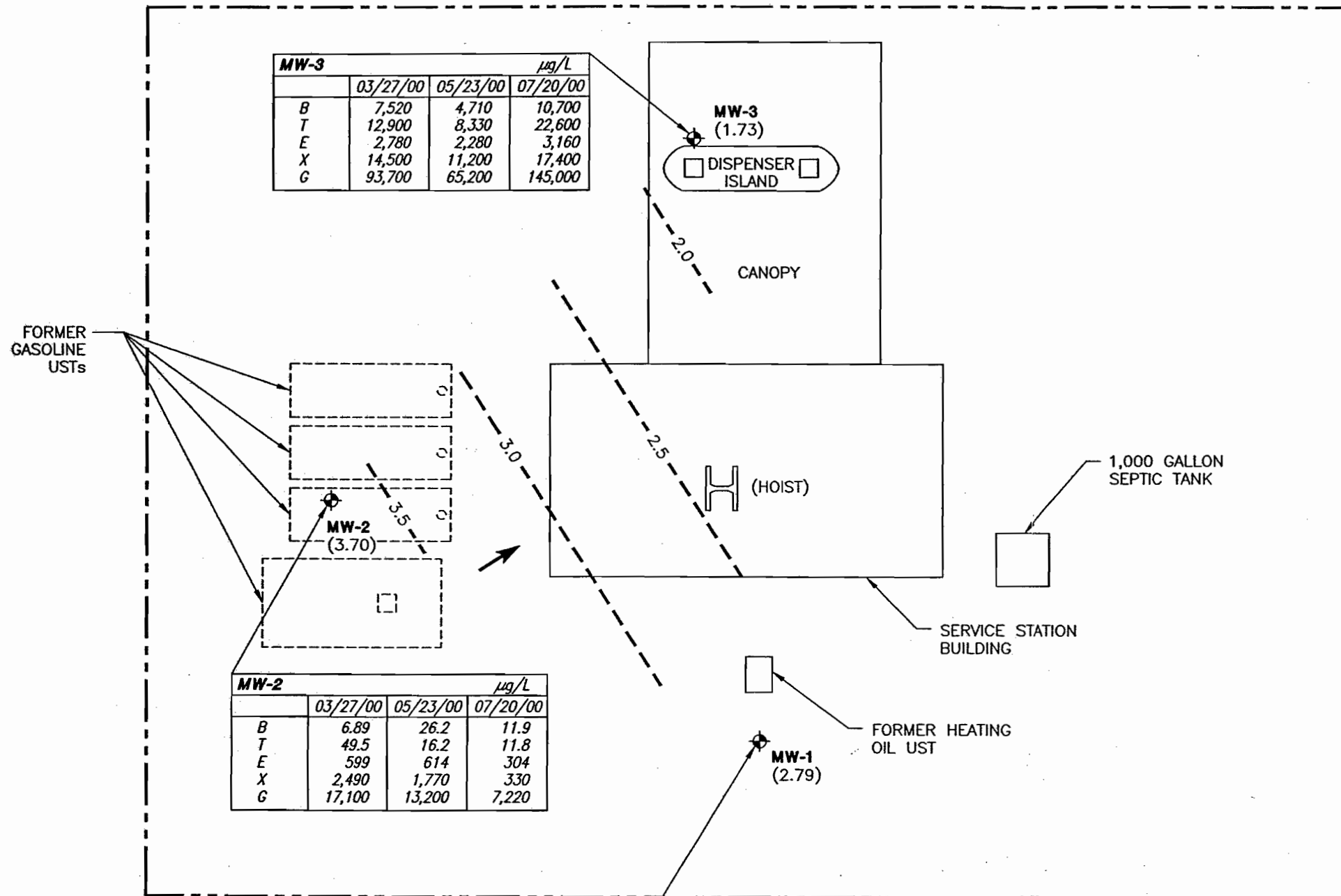
SITE LOCATION MAP
FORMER ARCO SERVICE STATION 0855
4603 OCEAN BEACH HIGHWAY
LONGVIEW, WASHINGTON

FIGURE:

1

JOB#: 015.08698.702 APPR: CWJG DWN: KPM DATE: 07/28/00

OCEAN BEACH HWY.



LEGEND

- SUBJECT PROPERTY LINE BOUNDARY
- MW-5 GROUNDWATER MONITORING WELL LOCATION
- INFERRED GROUNDWATER FLOW DIRECTION
- INFERRED GROUNDWATER ELEVATION CONTOUR (FEET)
- (3.70) RELATIVE GROUNDWATER ELEVATION (FEET)
- (NM) NOT MEASURED

ANALYTE

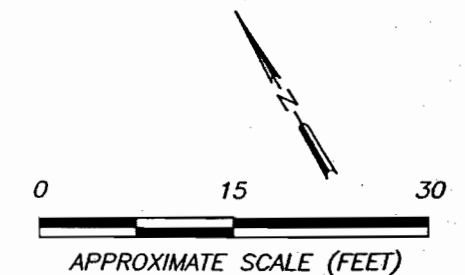
B	BENZENE
T	TOLUENE
E	ETHYLBENZENE
X	XYLENES
G	GASOLINE

(ND) NOT DETECTED AT OR ABOVE THE LABORATORY METHOD REPORTING LIMIT

NOTES

CONTOUR INTERVAL = 0.5 FT

GROUNDWATER ELEVATIONS IN FEET ABOVE MEAN SEA LEVEL



NOTE: MONITORING WELL LOCATIONS AND CORNERS OF BUILDING SURVEYED APRIL 2000 BY GIBBS & OLSEN, INC. OF LONGVIEW, WASHINGTON.

SOURCE: MAP BASED ON ATLANTIC RICHFIELD "GENERAL ARRANGEMENT" DRAWING, NOVEMBER 30, 1966, 1/8"-1'.

SECOR
International Incorporated
015

GROUNDWATER CONTOUR MAP AND HISTORICAL GROUNDWATER ANALYTICAL RESULTS (07/20/00)
FORMER ARCO SERVICE STATION 0855
4603 OCEAN BEACH HIGHWAY
LONGVIEW, WASHINGTON

FIGURE:

2

JOB#: 015.08698.703 APPR: RKH DWN: KPM DATE: 10/05/00

F:\FILES\PORTLAND\ARCO\WASHINGTON\08698

DWG: 15-8698-7032-700

TABLE

Table 1. Summary of Groundwater Monitoring Results
Former ARCO Station No. 0855
4603 Ocean Beach Highway, Longview, Washington

Well Number	Sample Date	TOC Elevation (feet)	DTW (feet)	Groundwater Elevation (feet)	BTEX (µg/L)				TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)
					Benzene	Toluene	Ethylbenzene	Total Xylenes			
MW-1	03/27/00	8.34	4.36	3.98	ND	ND	ND	ND	ND	ND	ND
	05/23/00		5.20	3.14	ND	ND	ND	ND	—	—	
	07/20/00		5.55	2.79	ND	ND	ND	ND	—	—	
MW-2	03/27/00	8.76	3.61	5.15	6.89	49.5	599	2,490	17,100	ND	ND
	05/23/00		4.64	4.12	26.2	16.2	614	1,770	13,200	—	—
	07/20/00		5.06	3.70	11.9	11.8	304	330	7,220	—	—
MW-3	03/27/00	8.78	5.61	3.17	7,520	12,900	2,780	14,500	93,700	ND	ND
	05/23/00		6.46	2.32	4,710	8,330	2,280	11,200	65,200	—	—
	07/20/00		7.05	1.73	10,700	22,600	3,160	17,400	145,000	—	—
Current Laboratory MRLs					0.50	0.50	0.50	1.0	80	250	500

TOC = Top of casing elevation, NAVD, 1988.

DTW = Depth to water

ND or < = Less than laboratory method reporting limit (MRL).

— = Not measured, not sampled, or not available.

Benzene, toluene, ethylbenzene, and total xylenes (BTEX) analysis by EPA Method 8021B.

Total petroleum hydrocarbons-gasoline range (TPH-G) analysis by Method NWTPH-Gx.

TPH-diesel range (TPH-D) and TPH-oil range (TPH-O) analysis by Method NWTPH-Dx.

Note: Results in micrograms per liter (µg/L), or approximately parts per billion (ppb).

**LABORATORY REPORT AND
CHAIN OF CUSTODY**



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Decor
P.O. Box 1508
Tualatin, OR 97062

Project: ARCO #0855, Longview, WA
Project Number: 015.08698
Project Manager: Cary Goodman

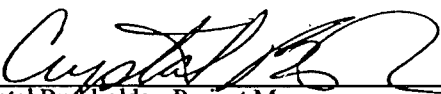
Reported:
07/28/00 12:25

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1-0855	P007439-01	Water	07/20/00 10:30	07/21/00 16:30
MW-2-0855	P007439-02	Water	07/20/00 10:40	07/21/00 16:30
MW-3-0855	P007439-03	Water	07/20/00 10:50	07/21/00 16:30

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Project: ARCO #0855, Longview, WA
Project Number: 015.08698
Project Manager: Cary Goodman

Reported:
07/28/00 12:25

Gasoline Hydrocarbons per NW TPH-Gx Method and BTEX per EPA Method 8021B
North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
MW-1-0855 (P007439-01) Water					Sampled: 07/20/00 Received: 07/21/00				
Benzene	ND	0.500	ug/l	1	NW-G, 8021B	07/25/00	07/25/00	0070552	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	1.00	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	80.0	"	"	"	"	"	"	
Surr: 4-BFB (FID)	86.6 %	50-150							
Surr: 4-BFB (PID)	90.8 %	75-120							
MW-2-0855 (P007439-02RE1) Water					Sampled: 07/20/00 Received: 07/21/00				
Benzene	11.9	2.50	ug/l	5	NW-G, 8021B	07/26/00	07/26/00	0070590	
Toluene	11.8	2.50	"	"	"	"	"	"	
Ethylbenzene	304	2.50	"	"	"	"	"	"	
Xylenes (total)	330	5.00	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	7220	400	"	"	"	"	"	"	
Surr: 4-BFB (FID)	137 %	50-150							
Surr: 4-BFB (PID)	101 %	75-120							
MW-3-0855 (P007439-03RE1) Water					Sampled: 07/20/00 Received: 07/21/00				
Benzene	10700	125	ug/l	250	NW-G, 8021B	07/26/00	07/26/00	0070590	
Toluene	22600	125	"	"	"	"	"	"	
Ethylbenzene	3160	125	"	"	"	"	"	"	
Xylenes (total)	17400	250	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	145000	20000	"	"	"	"	"	"	
Surr: 4-BFB (FID)	105 %	50-150							
Surr: 4-BFB (PID)	90.8 %	75-120							

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Project: ARCO #0855, Longview, WA
Project Number: 015.08698
Project Manager: Cary Goodman

Reported:
07/28/00 12:25

Gasoline Hydrocarbons per NW TPH-Gx Method and BTEX per EPA Method 8021B - Quality Control

North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 0070552 - EPA 5030

Blank (0070552-BLK1)

Prepared & Analyzed: 07/25/00

Benzene	ND	0.500	ug/l						
Toluene	ND	0.500	"						
Ethylbenzene	ND	0.500	"						
Xylenes (total)	ND	1.00	"						
Gasoline Range Hydrocarbons	ND	80.0	"						
Surr: 4-BFB (FID)	39.8		"	50.0		79.6	50-150		
Surr: 4-BFB (PID)	43.2		"	50.0		86.4	75-120		

LCS (0070552-BS1)

Prepared & Analyzed: 07/25/00

Gasoline Range Hydrocarbons	1150	80.0	ug/l	1250		92.0	70-130		
Surr: 4-BFB (FID)	53.1		"	50.0		106	50-150		

LCS (0070552-BS2)

Prepared & Analyzed: 07/25/00

Benzene	22.2	0.500	ug/l	20.0		111	70-130		
Toluene	20.0	0.500	"	20.0		100	70-130		
Ethylbenzene	21.4	0.500	"	20.0		107	70-130		
Xylenes (total)	64.2	1.00	"	60.0		107	70-130		
Surr: 4-BFB (PID)	44.0		"	50.0		88.0	75-120		

Duplicate (0070552-DUP1)

Source: P007439-01

Prepared & Analyzed: 07/25/00

Gasoline Range Hydrocarbons	ND	80.0	ug/l	ND			21.8	50	
Surr: 4-BFB (FID)	42.2		"	50.0		84.4	50-150		

Matrix Spike (0070552-MS1)

Source: P007446-01

Prepared & Analyzed: 07/25/00

Benzene	49.5	0.500	ug/l	20.0	30.8	93.5	70-130		
Toluene	69.1	0.500	"	20.0	55.2	69.5	70-130		Q-01
Ethylbenzene	57.1	0.500	"	20.0	40.8	81.5	70-130		
Xylenes (total)	227	1.00	"	60.0	186	68.3	70-130		Q-01
Surr: 4-BFB (PID)	45.7		"	50.0		91.4	75-120		

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Project: ARCO #0855, Longview, WA
Project Number: 015.08698
Project Manager: Cary Goodman

Reported:
07/28/00 12:25

Gasoline Hydrocarbons per NW TPH-Gx Method and BTEX per EPA Method 8021B - Quality Control

North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0070552 - EPA 5030										
Matrix Spike Dup (0070552-MSD1)		Source: P007446-01		Prepared & Analyzed: 07/25/00						
Benzene	49.0	0.500	ug/l	20.0	30.8	91.0	70-130	1.02	15	
Toluene	68.6	0.500	"	20.0	55.2	67.0	70-130	0.726	15	Q-01
Ethylbenzene	56.6	0.500	"	20.0	40.8	79.0	70-130	0.880	15	
Xylenes (total)	225	1.00	"	60.0	186	65.0	70-130	0.885	15	Q-01
Surr: 4-BFB (PID)	46.4		"	50.0		92.8	75-120			

Batch 0070590 - EPA 5030

Blank (0070590-BLK1)		Prepared & Analyzed: 07/26/00								
Benzene	ND	0.500	ug/l							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	1.00	"							
Gasoline Range Hydrocarbons	ND	80.0	"							
Surr: 4-BFB (FID)	47.3		"	50.0		94.6	50-150			
Surr: 4-BFB (PID)	39.0		"	50.0		78.0	75-120			
LCS (0070590-BS1)		Prepared & Analyzed: 07/26/00								
Gasoline Range Hydrocarbons	1150	80.0	ug/l	1250		92.0	70-130			
Surr: 4-BFB (FID)	63.2		"	50.0		126	50-150			
LCS (0070590-BS2)		Prepared & Analyzed: 07/26/00								
Benzene	17.8	0.500	ug/l	20.0		89.0	70-130			
Toluene	18.8	0.500	"	20.0		94.0	70-130			
Ethylbenzene	18.2	0.500	"	20.0		91.0	70-130			
Xylenes (total)	54.5	1.00	"	60.0		90.8	70-130			
Surr: 4-BFB (PID)	44.8		"	50.0		89.6	75-120			

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Project Number: 015.08698
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Reported:
07/28/00 12:25

Notes and Definitions

- Q-01 The spike recovery, and/or RPD, for this QC sample is outside of established control limits. Review of associated batch QC indicates the recovery for this analyte does not represent an out-of-control condition for the batch.
- 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
- wet Sample results reported on a wet weight basis
- RPD Relative Percent Difference

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**GROUNDWATER SAMPLING
FIELD DATA SHEETS**

RECORDER

GROUNDWATER LEVEL DATA

SAMPLING EVENT: 3rd Quarter 2000

SITE: ARCO Facility 0855

PROJECT #: 015.08698

CLIENT: ARCO Products Co.

RECORDED BY: TV

MEASURING DEVICE: Solings

SITE LOCATION: 4603 Ocean Beach Highway, Longview, Washington

[illegible]

SECOR

GROUNDWATER SAMPLING FIELD DATA SHEET

SECOR PN: 015-08628-050 DATE: 07/20/00 WELL NO. mw1
 FACILITY NAME: Arco 0855 TEMPERATURE: 65 ° or °C
 FIELD PERSONNEL: N WEATHER: cloudy

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 5.55 FT.
 B. Thickness of Free Product, if present: 0 Inches _____ FT.
 C. Total Depth of well (TD) from top of casing/piezometer: _____ FT.
 D. Height of Water Column in casing ($h = TD - SWL$): _____ FT.
 E. Casing Size (in.): 2
 F. Calculated Purge Volume (3 Well Volumes): _____ gal

PURGING METHOD: _____ DURATION: _____

OBSERVATIONS:

	Time	Turbidity	Color	Sheen	pH	Temp.	Conduct.	SWL
1st Volume:	_____	_____	_____	_____	_____	_____	_____	_____
2nd Volume:	_____	_____	_____	_____	_____	_____	_____	_____
3rd Volume:	_____	_____	_____	_____	_____	_____	_____	_____
4th Volume:	_____	_____	_____	_____	_____	_____	_____	_____
Addl. Volumes:	_____	_____	_____	_____	_____	_____	_____	_____

TOTAL VOLUME OF WATER PURGED FROM WELL: _____

PURGE WATER STORED/DISPOSED OF WHERE/HOW: _____

SAMPLES COLLECTED: Depth to Water at time of sample collection: _____

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
<u>mw1-0855</u>	<u>1030</u>	<u>3 x 40-mL vials</u>	<u>HCL</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

COMMENTS:

Casing Capacities:

2-inch hole.....0.16 gal/lin ft.
 4-inch hole.....0.65 gal/lin ft.
 6.5-inch hole.....1.70 gal/lin ft.
 8-inch hole.....2.60 gal/lin ft.
 10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Total Depth of Well: _____
 Original Water Column: _____ x 0.80 = -- ()
 Collect sample when Depth to Water measures
Less than or equal to: _____

Signature: _____

SECOR GROUNDWATER SAMPLING FIELD DATA SHEET

SECOR PN: 015.08698.050 DATE: 07/20/00 WELL NO. MW2
 FACILITY NAME: Arco OP55 TEMPERATURE: 65 °F or °C
 FIELD PERSONNEL: TV WEATHER: cloudy

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 5.06 FT.
 B. Thickness of Free Product, if present: 0 Inches _____ FT.
 C. Total Depth of well (TD) from top of casing/piezometer: _____ FT.
 D. Height of Water Column in casing (h = TD - SWL): _____ FT.
 E. Casing Size (in.): 2
 F. Calculated Purge Volume (3 Well Volumes): _____ gal

PURGING METHOD: _____ DURATION: _____

OBSERVATIONS:

	Time	Turbidity	Color	Sheen	pH	Temp.	Conduct.	SWL
1st Volume:	_____	_____	_____	_____	_____	_____	_____	_____
2nd Volume:	_____	_____	_____	_____	_____	_____	_____	_____
3rd Volume:	_____	_____	_____	_____	_____	_____	_____	_____
4th Volume:	_____	_____	_____	_____	_____	_____	_____	_____
Addl. Volumes:	_____	_____	_____	_____	_____	_____	_____	_____

TOTAL VOLUME OF WATER PURGED FROM WELL: _____
 PURGE WATER STORED/DISPOSED OF WHERE/HOW: _____

SAMPLES COLLECTED: Depth to Water at time of sample collection: _____

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
<u>MW2-0855</u>	<u>1040</u>	<u>3x40 mL vials</u>	<u>HCL</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

COMMENTS:

Casing Capacities:
 2-inch hole.....0.16 gal/lin ft.
 4-inch hole.....0.65 gal/lin ft.
 6.5-inch hole.....1.70 gal/lin ft.
 8-inch hole.....2.60 gal/lin ft.
 10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Total Depth of Well: _____
 Original Water Column: _____ x 0.80 = -- ()
 Collect sample when Depth to Water measures
Less than or equal to: _____

Signature: _____

SECOR GROUNDWATER SAMPLING FIELD DATA SHEET

SECOR PN: 015. 08698.050 DATE: 07/20/00 WELL NO. MW3
 FACILITY NAME: Aro 0855 TEMPERATURE: 65 °F or °C
 FIELD PERSONNEL: TV WEATHER: cloudy

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 7.05 FT.
 B. Thickness of Free Product, if present: 0 Inches _____ FT.
 C. Total Depth of well (TD) from top of casing/piezometer: _____ FT.
 D. Height of Water Column in casing (h = TD - SWL): _____ FT.
 E. Casing Size (in.): 2
 F. Calculated Purge Volume (3 Well Volumes): _____ gal

PURGING METHOD: _____ DURATION: _____

OBSERVATIONS:

	Time	Turbidity	Color	Sheen	pH	Temp.	Conduct.	SWL
1st Volume:	_____	_____	_____	_____	_____	_____	_____	_____
2nd Volume:	_____	_____	_____	_____	_____	_____	_____	_____
3rd Volume:	_____	_____	<u>No</u>	<u>Purge</u>	_____	_____	_____	_____
4th Volume:	_____	_____	_____	_____	_____	_____	_____	_____
Addl. Volumes:	_____	_____	_____	_____	_____	_____	_____	_____

TOTAL VOLUME OF WATER PURGED FROM WELL: _____

PURGE WATER STORED/DISPOSED OF WHERE/HOW: _____

SAMPLES COLLECTED: Depth to Water at time of sample collection: _____

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
<u>MW3 - 0855</u>	<u>1050</u>	<u>3 x 40mL vials</u>	<u>HCL</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

COMMENTS:

Casing Capacities:

2-inch hole.....0.16 gal/lin ft.
 4-inch hole.....0.65 gal/lin ft.
 6.5-inch hole.....1.70 gal/lin ft.
 8-inch hole.....2.60 gal/lin ft.
 10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Total Depth of Well: _____
 Original Water Column: _____ x 0.80 = -- ()
 Collect sample when Depth to Water measures
 Less than or equal to: _____

Signature: _____

REC'D OCT 18 2000

SOIL DISPOSAL RECEIPT

REC'D OCT 18 2000

Soil Master (c)

TPS Technologies, Inc.

Customer Job Report

Gross & Tare Weight Codes: M=Manual; S=Scale; T=Trk File

Job Number Name		SiteAddress	SiteCity	State	ZipCode		
A09 -- 05255 ARCO 0855		4603 OCEAN BEACH HWY.	LONGVIEW	WA	98632		
Load #	Date & Time Out	Transporter #	Truck & Trailer Number	Gross (lb)	Tare (lb)	Net (lb)	Net Wt (tons)
1	08/14/00 15:55	1000779		87,940M	39,040M	48,900	24.45
Completed Loads		Manifests Received	Completed Weight	Estimated Weight	TOTAL Net Wt:		
100.00%		1	244.50%	10.00(tons)	24.45 (tons)		

REC'D AUG 21 2000

SECOR
International Incorporated

August 21, 2000

Mr. Craig Rankine
Washington Department of Ecology
2108 Grand Boulevard
Vancouver, Washington 98661-4622

RE: Change in ARCO Project Manager
Former ARCO Facilities No. 0855, 4093, and 4311
Longview, Kelso, and Vancouver, Washington
SECOR PN: 015.08685.190

Dear Mr. Rankine:

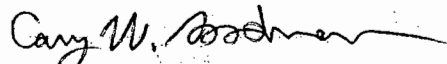
On behalf of Atlantic Richfield Company (ARCO), SECOR is writing to notify Ecology of a change in ARCO's project manager for the sites listed below. Mr. Michael Whelan (704 228th Avenue, Suite 482, Redmond, Washington 98053) is no longer the contact person and his mailing address will soon be obsolete.

Former ARCO Station No.	Address	City, State
0855	4603 Ocean Beach Highway	Longview, Washington
4093	406 Allen Street	Kelso, Washington
4311	300 NE 78 th Street	Vancouver, Washington

Effective immediately, please route any correspondence for these sites to the new project manager, Mr. Chuck Hutchens (12520 NE 160th Place, Woodinville, Washington 98072-7960). Please continue to copy SECOR.

If you have any questions or need additional information, please feel free to call (503) 691-2030 at your convenience.

Sincerely,
SECOR International Incorporated



Cary W. Goodman
Senior Scientist

CWG:ald

cc: Mr. Chuck Hutchens; Atlantic Richfield Company, Woodinville, Washington