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October 17, 2003

Atlantic Richfield Company
295 SW 41st Street, Bldg. 13, STE N
Renton, WA 98055

Re: **Air Sampling Results**
Former BP Facility Number 11060
4580 Fauntleroy Way Southwest
Seattle, Washington
Delta Project No. AMG0-7SN

Dear Mr. Hooton:

Delta Environmental Consultants, Inc. ("Delta") is providing the attached results from the recent indoor air quality investigation conducted at Former BP Facility Number 11060 in Seattle, Washington. The purpose of the air quality investigation was to assess indoor air at the subject site for the presence of gasoline range hydrocarbons.

Delta performed the monitoring activities in accordance with the work plan prepared by Delta on July 10, 2003. The work plan was designed to focus on the areas of concern reported to Delta by BP and the site operator, Mr. Ahed Aziz. Delta mobilized to the subject site on July 19, 2003. The investigation began at approximately 6:40 AM after the building had been closed all night. Initially, each occupied area of the building and the area immediately around the building was surveyed for volatile organic compounds (VOC) using a photoionization detector (PID). PIDs are used to detect low levels of VOC and to assess breathing air quality. Special care was taken to survey floor cracks and joints, vents, or other possible organic vapor conduits. No organic vapors were detected inside the building.

Following the survey, four passive organic vapor monitoring devices were placed in selected indoor and outdoor locations based on onsite monitoring or potential areas of concern (see Figures 1 and 2 attached), and left for approximately six to eight and one half hours. Delta chose sampling locations to provide the greatest likelihood of detecting possible contaminants migrating from soil and/or groundwater into the breathing zone of indoor air.

A member of:



In addition to the air sampling activities, Delta gauged the accessible BP monitoring wells during regularly scheduled groundwater monitoring in June 2003. A comparison of this gauging data with historical data from this site confirms that the air sampling was conducted during a high water table event (Table 1). A combustible gas survey was also conducted throughout the inside of the building using a combustible gas meter. This device uses O₂ (oxygen), and LEL (lower explosive limit) measurements as indicators for combustible potential. No combustible gases were detected during this survey.

During the July site visit, the outdoor temperature was estimated to range from 70 to 80° F with a light west wind by mid-morning. The procedures employed during the collection of air samples from the subject site were consistent with standard industry operating practices. The passive organic vapor monitoring devices were collected, sealed with an impervious cap, put in a tin container with a plastic lid, and shipped under standard Chain-of-Custody procedures to Data Chem Laboratories, Inc. for analysis of total gasoline-range petroleum hydrocarbons and benzene by 3M Analysis Guide Reference Methods. The analytical results are within acceptable ranges.

On September 16, 2003, after receiving a call from the site operator, Delta again mobilized to the site for further investigation. Two more passive organic vapor monitoring devices were placed in the kiosk and office areas, as requested by the operator. Delta returned on September 17, 2003 and collected both monitoring devices and placed another in the office area, at the owner's request. After collecting the third monitoring device on September 18, 2003, Delta shipped the monitoring devices to Data Chem Laboratories, Inc. under the same procedures and for the same analyses as previously.

All analytical results are all within acceptable ranges. Please see Appendix A for a complete laboratory analytical report and Chain-of-Custody Record.

The work plan and the analytical results demonstrate the concentrations of the target analytes were either "Not Detected" at the laboratory detection limits or were well below published NIOSH and OSHA occupation exposure limits, and are considered protective of human health and the environment. A Certified Industrial Hygienist reviewed both the work plan and the analytical results.

Analytical results, attached in Appendix A, indicate that there were no concentrations of benzene, present above laboratory method detection limits. A trace amount of Total Petroleum Hydrocarbons (as gasoline) (TPH-G) was detected. These trace levels are similar to levels that might be detected in an environment such as a homeowner garage.

For comparison, the American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value, the National Institute of Occupational Safety and Health Recommended Exposure Limits (NIOSH REL), and the U.S. Occupational Safety and Health Administration Permissible Exposure Limits (OSHA PEL) over an eight-hour period provide the following values:

	OSHA PEL (the standards by which workers are governed):	ACGIH TLV	NIOSH
TPH-G	no standard	300 ppm	300 ppm
benzene	1 ppm	0.5 ppm	0.1 ppm

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Please see the table below for the tabulated monitoring results.

ORGANIC VAPOR ANALYSIS

(From BP 11060 4580 Fauntleroy Way Southwest, Seattle, Washington)


July 19, 2003 and September 17 and 18, 2003

Compound	Monitoring (ppm) Range
TPH as gasoline	<0.46 to 1.4
Benzene	<0.0066 to <0.025
Collection Date	07/19/03, 09/17/03, 09/18/03
Collection Time	363 to 1372 min
Analysis Date	07/23/03, 09/19/03


Based on the above information, the air quality was well within acceptable ranges at the time of investigation.

Sincerely,

Delta Environmental Consultants, Inc.

 10/16/03

James D. Coppernoll
Project Manager

 October 14, 2003
Carla Olsen, CIH

cc: Scott Hooton – BP
Scott Fife, CIH - BP
Tim Johnson – ConocoPhillips
Garry Kepes, Delta
Ahed Aziz, ConocoPhillips
Project File

Figure 1 Site Map
Figure 2 Vapor Sample Locations
Table 1 Groundwater Elevation Data
Appendix A Laboratory Report and C-O-C

TABLE 1
SUMMARY OF GROUND WATER DATA
FORMER BP FACILITY NO. 11060
4580 FAUNTLEROY WAY SOUTHWEST
SEATTLE, WASHINGTON
DELTA PROJECT NO. AMG0-7SN

MONITORING WELL	TOC (feet)	DATE SAMPLED	DEPTH TO WATER (feet)	GROUND WATER ELEVATION (feet)
MW-1	99.89	12/21/02	24.54	75.35
		03/19/03	24.50	75.39
		06/18/03	24.36	75.53
MW-2	99.05	12/21/02	24.3	74.75
		03/19/03	23.90	75.15
		06/18/03	23.87	75.18
MW-3	98.53	12/21/02	24.37	74.16
		03/19/03	23.17	75.36
		06/18/03	22.82	75.71
MW-4	100.26	12/21/02	NM	NM
		03/19/03	NM	NM
		06/18/03	NM	NM
MW-5	100.88	12/21/02	24.65	76.23
		03/19/03	24.68	76.20
		06/18/03	24.37	76.51
MW-6	98.62	12/21/02	NM	NM
		03/19/03	NM	NM
		06/18/03	NM	NM
VE-1	NE	12/21/02	24.89	NE
		03/19/03	24.71	NE
		06/18/03	24.50	NE

TOC = Top of Casing elevation referenced to an arbitrary vertical datum.

NE = None Established.

NM = Not Measured.

TABLE 1
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FORMER BP FACILITY NO. 11060
4580 FAUNTLEROY WAY SOUTHWEST
SEATTLE, WASHINGTON
DELTA PROJECT NO. AMG0-7SN

MONITORING WELL	TOC (feet)	DATE SAMPLED	DEPTH TO WATER (feet)	GROUND WATER ELEVATION (feet)
MW-1	99.89	05/11/93	23.02	76.87
		03/04/94	24.32	75.57
		07/06/94	24.60	75.29
		10/07/94	24.97	74.92
		12/28/94	24.86	75.03
		03/13/95	24.16	75.73
		06/30/95	23.98	75.91
		09/06/95	24.30	75.59
		12/08/95	24.41	75.48
		03/11/96	23.11	76.78
		06/18/96	22.80	77.09
		09/09/96	23.11	76.78
		12/11/96	23.07	76.82
		03/13/97	22.12	77.77
		06/05/97	21.75	78.14
		09/05/97	22.03	77.86
		04/02/98	21.27	78.62
		06/08/98	21.53	78.36
		12/09/98	22.22	77.67
		06/26/99	21.08	78.81
		09/28/99	21.88	78.01
		01/19/00	21.46	78.43
		03/24/00	21.40	78.49
		07/02/00	21.92	77.97
		09/14/00	22.54	77.35
		12/14/00	22.81	77.08
		09/22/01	23.55	76.34
		12/09/01	23.63	76.26
		03/20/02	22.88	77.01
		06/11/02	23.02	76.78
		12/21/02	24.54	75.35
		03/19/03	24.50	75.39
		06/18/03	24.36	75.53

03/10 10/14/03

TABLE 1
SUMMARY OF GROUND WATER DATA
FORMER BP FACILITY NO. 11060
4580 FAUNTLEROY WAY SOUTHWEST
SEATTLE, WASHINGTON
DELTA PROJECT NO. AMG0-7SN

MONITORING WELL	TOC (feet)	DATE SAMPLED	DEPTH TO WATER (feet)	GROUND WATER ELEVATION (feet)
MW-2	99.05	05/11/93	22.98	76.07
		03/04/94	24.30	74.75
		07/06/94	24.54	74.51
		10/07/94	24.94	74.11
		12/28/94	24.60	74.45
		03/13/95	23.84	75.21
		06/30/95	23.72	75.33
		09/06/95	23.97	75.08
		12/08/95	23.97	75.08
		03/11/96	22.66	76.39
		06/18/96	22.18	76.87
		09/09/96	22.72	76.33
		12/11/96	22.67	76.38
		03/13/97	21.91	77.14
		06/05/97	21.06	77.99
		09/05/97	21.74	77.31
		04/02/98	20.71	78.34
		06/08/98	21.25	77.80
		09/17/98	22.10	76.95
		12/09/98	21.99	77.06
		03/17/99	19.67	79.38
		06/26/99	21.26	77.79
		09/28/99	21.75	77.30
		01/19/00	21.12	77.93
		03/24/00	20.74	78.31
		07/02/00	21.51	77.54
		09/14/00	22.31	76.74
		12/14/00	22.97	76.08
		09/22/01	23.59	75.46
		12/09/01	23.27	75.78
		03/20/02	22.41	76.64
		06/11/02	22.61	76.44
		12/21/02	24.3	74.75
		03/19/03	23.90	75.15
		06/18/03	23.87	75.18

CGD 10/14/03

TABLE 1
SUMMARY OF GROUND WATER DATA
FORMER BP FACILITY NO. 11060
4580 FAUNTLEROY WAY SOUTHWEST
SEATTLE, WASHINGTON
DELTA PROJECT NO. AMG0-7SN

MONITORING WELL	TOC (feet)	DATE SAMPLED	DEPTH TO WATER (feet)	GROUND WATER ELEVATION (feet)
MW-3	98.53	06/07/93	22.28	76.25
		03/04/94	23.62	74.91
		07/06/94	23.84	74.69
		10/07/94	24.21	74.32
		12/28/94	23.91	74.62
		03/13/95	23.12	75.41
		06/30/95	23.87	74.66
		09/06/95	23.14	75.39
		12/08/95	23.20	75.33
		03/11/96	21.63	76.90
		06/18/96	21.20	77.33
		09/09/96	21.67	76.86
		12/11/96	21.87	76.66
		03/13/97	20.67	77.86
		06/05/97	19.83	78.70
		09/05/97	20.72	77.81
		04/02/98	19.63	78.90
		06/08/98	20.26	78.27
		09/17/98	21.21	77.32
		12/09/98	21.06	77.47
		03/17/99	18.72	79.81
		06/26/99	19.92	78.61
		09/28/99	20.79	77.74
		01/19/00	20.19	78.34
		03/24/00	19.64	78.89
		07/02/00	20.53	78.00
		09/14/00	21.34	77.19
		12/14/00	21.90	76.63
		09/22/01	22.82	75.71
		12/09/01	22.50	76.03
		03/20/02	21.55	76.38
		06/11/02	21.69	76.84
		12/21/02	24.37	74.16
		03/19/03	23.17	75.36
		06/18/03	22.82	75.71

CS10 10/14/03

TABLE 1
SUMMARY OF GROUND WATER DATA
FORMER BP FACILITY NO. 11060
4580 FAUNTLEROY WAY SOUTHWEST
SEATTLE, WASHINGTON
DELTA PROJECT NO. AMG0-7SN

MONITORING WELL	TOC (feet)	DATE SAMPLED	DEPTH TO WATER (feet)	GROUND WATER ELEVATION (feet)
MW-4	100.26	05/11/93	23.03	77.23
		03/04/94	26.83	73.75
		07/06/94	25.63	74.74
		10/07/94	26.07	74.32
		12/28/94	25.85	74.52
		03/13/95	25.59	74.82
		06/30/95	24.64	75.71
		09/06/95	24.78	75.56
		12/08/95	24.94	75.40
		03/11/96	24.68	75.77
		06/18/96	24.04	76.39
		09/09/96	24.08	76.33
		12/11/96	23.07	77.22
		03/17/99	-	-
		09/28/99	-	-
		01/19/00	-	-
		03/24/00	-	-
		07/02/00	-	-
		09/14/00	-	-
		09/14/00	24.45	75.81
		09/22/01	26.60	73.92
		12/09/01	25.50	74.95
		03/20/02	26.50	74.06
		06/11/02	24.25	76.00
		12/21/02	NM	NM
		03/19/03	NM	NM
		06/18/03	NM	NM

CAD 10/14/03

TABLE 1
SUMMARY OF GROUND WATER DATA
FORMER BP FACILITY NO. 11060
4580 FAUNTLEROY WAY SOUTHWEST
SEATTLE, WASHINGTON
DELTA PROJECT NO. AMG0-7SN

MONITORING WELL	TOC (feet)	DATE SAMPLED	DEPTH TO WATER (feet)	GROUND WATER ELEVATION (feet)
MW-5	100.88	05/11/93	22.97	77.91
		03/04/94	24.35	76.53
		07/06/94	24.72	76.16
		10/07/94	25.02	75.86
		12/28/94	24.98	75.90
		03/13/95	24.41	76.47
		06/30/95	24.06	76.82
		09/06/95	24.27	76.61
		12/08/95	24.49	76.39
		03/11/96	23.33	77.55
		06/18/96	22.91	77.97
		09/09/96	23.07	77.81
		12/11/96	23.13	77.75
		03/13/97	22.28	78.60
		06/05/97	21.78	79.10
		09/05/97	21.92	78.96
		04/02/98	21.35	79.53
		06/08/98	21.48	79.40
		09/17/98	22.12	78.76
		12/09/98	22.33	78.55
		03/17/99	20.93	79.95
		06/26/99	21.02	79.86
		09/28/99	21.76	79.12
		01/19/00	21.65	79.23
		03/24/00	21.48	79.40
		07/02/00	22.01	78.87
		09/14/00	22.59	78.29
		12/14/00	22.95	77.93
		09/22/01	23.86	77.02
		12/09/01	23.90	76.38
		03/20/02	23.13	77.75
		06/11/02	23.09	77.79
		12/21/02	24.65	76.23
		03/19/03	24.68	76.20
		06/18/03	24.37	76.51

Q540 10/14/03

TABLE 1
SUMMARY OF GROUND WATER DATA
FORMER BP FACILITY NO. 11060
4580 FAUNTLEROY WAY SOUTHWEST
SEATTLE, WASHINGTON
DELTA PROJECT NO. AMG0-7SN

MONITORING WELL	TOC (feet)	DATE SAMPLED	DEPTH TO WATER (feet)	GROUND WATER ELEVATION (feet)
MW-6	98.62	09/05/97	21.20	77.42
		04/02/98	19.70	78.92
		06/08/98	20.58	78.04
		09/17/98	21.87	76.75
		12/09/98	21.20	77.42
		03/17/99	18.49	80.13
		06/26/99	18.49	80.13
		09/28/99	21.40	77.22
		01/19/00	20.39	78.23
		03/24/00	19.63	78.99
		09/14/00	21.92	76.70
		12/14/00	22.51	76.11
		09/22/01	23.31	75.31
		12/09/01	22.24	76.38
		03/20/02	21.44	77.18
		06/11/02	21.90	76.72
		12/21/02	NM	NM
		03/19/03	NM	NM
		06/18/03	NM	NM
MW-7	97.32	04/02/98	18.79	78.53
		06/08/98	19.60	77.72
		09/17/98	20.82	76.50
		12/09/98	20.21	77.11
		03/17/99	17.61	79.71
		06/26/99	19.29	78.03
		12/14/00	-	-
		12/09/01	-	-
		03/20/02	-	-
		06/11/02	-	-
		06/18/03	NM	NM
MW-8	98.49	04/02/98	19.99	78.50
		06/08/98	20.39	78.10
		09/17/98	21.21	77.28
		12/09/98	21.03	77.46
		03/17/99	19.03	79.46
		06/26/99	20.02	78.47
		12/14/00	-	-
		12/09/01	-	-
		03/20/02	-	-
		06/11/02	-	-
		06/18/03	NM	NM

06/10 10/14/03

TABLE 1
SUMMARY OF GROUND WATER DATA
FORMER BP FACILITY NO. 11060
4580 FAUNTLEROY WAY SOUTHWEST
SEATTLE, WASHINGTON
DELTA PROJECT NO. AMG0-7SN

MONITORING WELL	TOC (feet)	DATE SAMPLED	DEPTH TO WATER (feet)	GROUND WATER ELEVATION (feet)
VE-1		04/02/98	-	-
		09/17/98	-	-
		12/09/98	-	-
		03/17/99	-	-
		06/26/99	-	-
		09/28/99	-	-
		03/24/00	-	-
		07/02/00	-	-
		09/14/00	-	-
		12/14/00	23.02	-
		09/22/01	24.22	-
		12/09/01	23.90	-
		03/20/02	23.30	-
		06/11/02	23.25	-
		12/21/02	24.89	NE
		03/19/03	24.71	NE
		06/18/03	24.50	NE

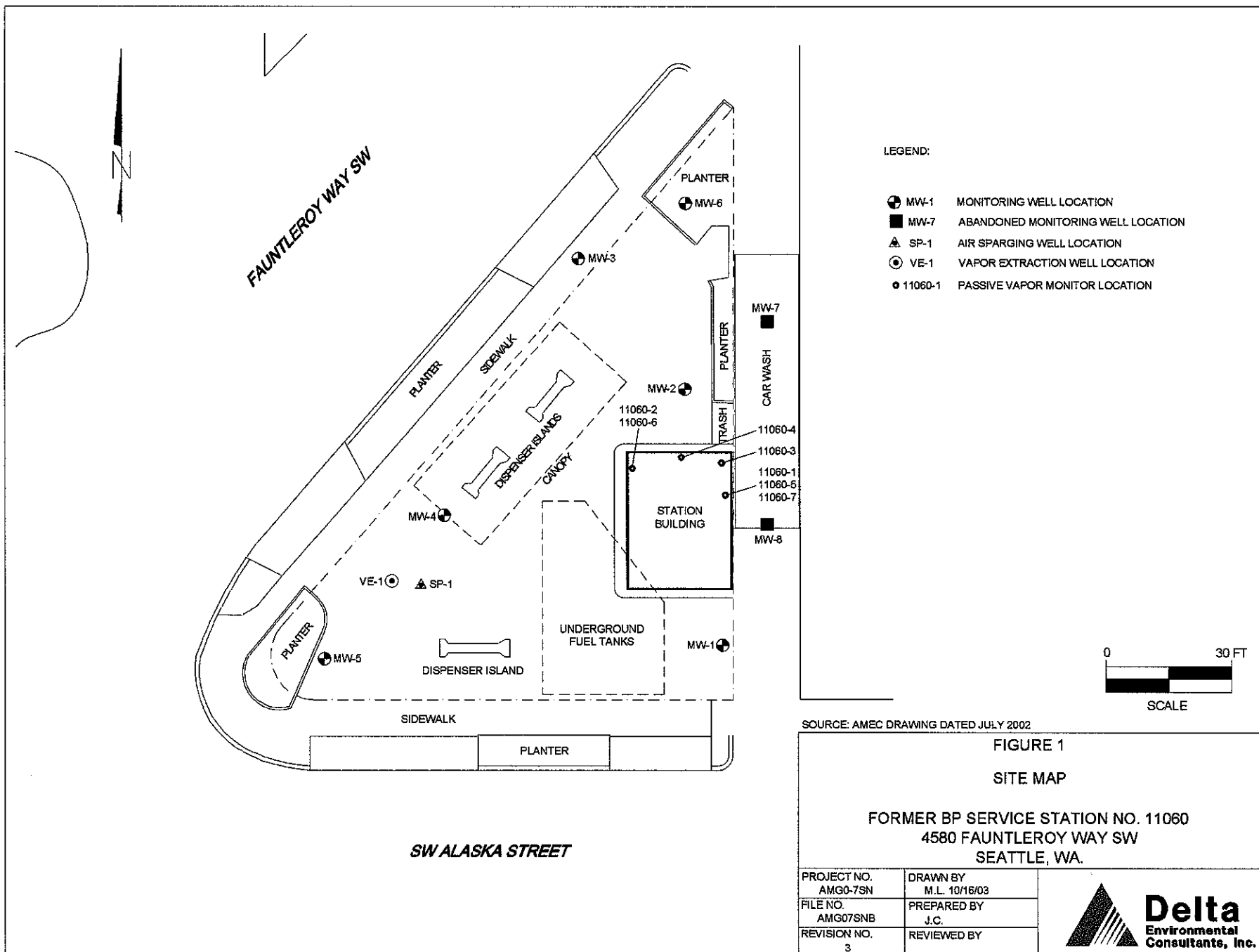
a= Groundwater elevation is corrected for the effects of LPH using the following formula: $TOC - [DTW - (PT)(0.30)]$ where TOC-Top of casing, DTW-Depth to water, PT-Product Thickness, and 0.30-Typical Specific Gravity for Gasoline.

NM = Not Measured.

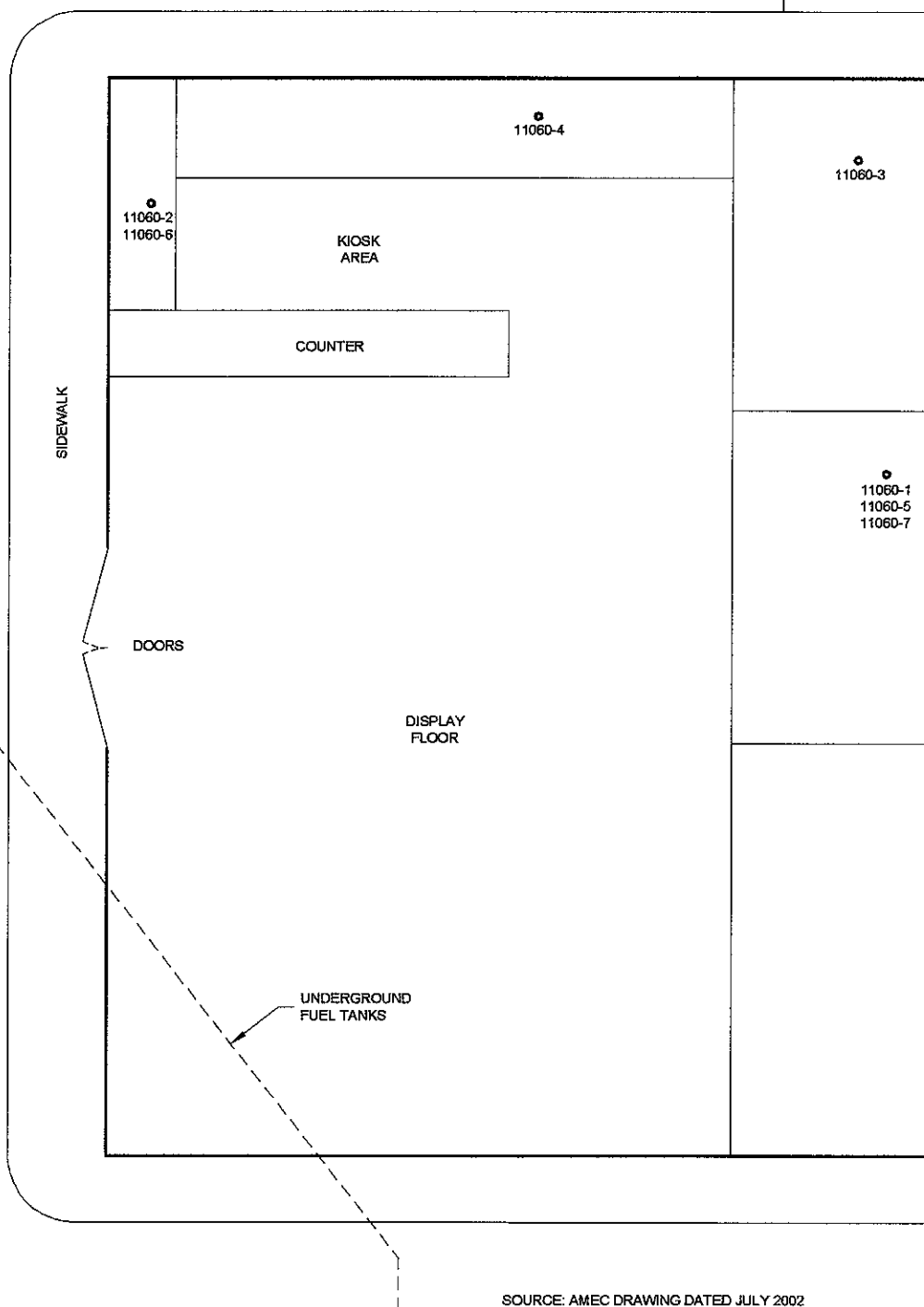
NE = None Established.

TOC = Top of Casing Elevation referenced to an arbitrary vertical datum.

CAO 10/14/03



TRASH



SOURCE: AMEC DRAWING DATED JULY 2002

LEGEND:

● 11060-1 PASSIVE VAPOR MONITOR LOCATION



FIGURE 2

SAMPLE LOCATION MAP

FORMER BP SERVICE STATION NO. 11060
4580 FAUNTLEROY WAY SW
SEATTLE, WA.

PROJECT NO.
AMG0-7SN

FILE NO.
AMG07SNC

REVISION NO.
2

DRAWN BY
M.L. 10/16/03

PREPARED BY
J.C.

REVIEWED BY



Delta
Environmental
Consultants, Inc.



**DATA
CHEM**
LABORATORIES, INC.

TEST REPORT
Page 1 of 2
10/2/03

Submitted To: Jim Coppernoll
Delta Environmental Consultants, Inc.
1200- 112th Ave. NE; Suite C-210
Bellevue, WA 98004

Reference Data: **Gasoline-range TPH and Benzene**

Client Sample No.: 11060-5, 11060-6 and 11060-7
P.O. No.: Not Available
Sample Location: 11060
Sample Type: Organic vapor monitors (OVM 3500)
Method Reference: 3M Analytical guide
DCL Set ID No.: 03-C-4524
DCL Sample ID No.: 03-27550 through 03-27552
Date Received: 9/19/2003
Preparation Date: 9/19/2003
Analysis Date: 9/19/2003

Sample condition was acceptable upon receipt except where noted.
The samples were prepared by desorption in carbon disulfide.

The analysis was performed on a Hewlett Packard 5890 gas chromatograph equipped with a flame ionization detector and a Nukol capillary column with temperature programming from 40°C to 120°C and a DB-MTBE capillary column with temperature programming from 40°C to 250°C.

The Gasoline-range TPH represents the sum of all peak heights found in the sample minus the one of the solvent and was quantitated against n-hexane.

Compound identification is based upon retention time matching only. Any compound with a similar retention time will interfere.

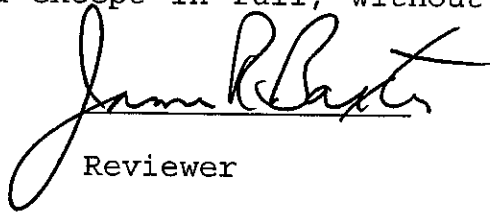
The results are provided in the enclosed data table. Results relate only to the items tested and are not blank corrected.

This report shall not be reproduced except in full, without the written approval of the laboratory.



Tai V. Nguyen
Analyst

CINCINNATI OFFICE
4388 GLENDALE-MILFORD ROAD
CINCINNATI, OHIO 45242-3706
513 733-5336, FAX 513 733-5347



Reviewer

WEST COAST OFFICE
11 SANTA YORMA COURT
NOVATO, CALIFORNIA 94945
800 280-8071, FAX 415 893-9469

CD40 10/14/03

Data Table

µg/sample


Client #	DCL #	Exposure time, min	Gasoline- range TPH	Benzene
11060-5	03-27550	1372	40.	ND
11060-6	03-27551	1365	60.	ND
11060-7	03-27552	1314	50.	ND
	Limit of detection		20.	1.

ppm*

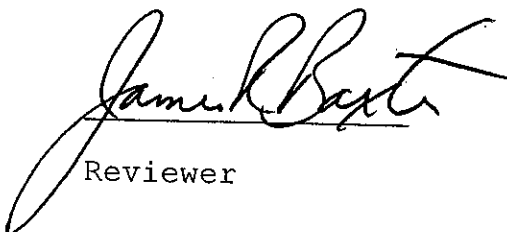
Client #	DCL #	Exposure time, min	Gasoline- range TPH	Benzene
11060-5	03-27550	1372	0.24	<0.0066
11060-6	03-27551	1365	0.36	<0.0067
11060-7	03-27552	1314	0.32	<0.0069

ND indicates compound not detected at or above the limit of detection.

***Note:** ppm calculations are based upon air volume/sampling times supplied by the client and the molecular weight of the compound. For TPH Gasoline Range n-Hexane is used as the reference molecular weight.



Tai V. Nguyen
Analyst



Reviewer



ANALYTICAL REQUEST FORM

1. ☐ **REGULAR Status**

☒ **RUSH Status Requested - ADDITIONAL CHARGE**

RESULTS REQUIRED BY 9/22/03

DATE _____
CONTACT DATACHEM LABS PRIOR TO SENDING SAMPLES.

2. Date 9/18/03 Purchase Order No. _____
3. Company Name Delta Environmental Consult, Inc.
Address 1200-112th Ave NE, Suite C-210
Bellevue, WA
Person to Contact Jim Coppernoll
Telephone (425) 350-7645
Fax Telephone (360) 794-6837
Billing Address (if different from above) _____

4. Quote No. _____
DCL Project Manager Stella

5. Sample Collection
Sampling Site 11060
Industrial Process Gasoline retail
Date of Collection 9/17/03, 9/18/03
Time Collected _____
Date of Shipment 9/18/03
Chain of Custody No. _____
Collector's Name / Signature James D. Coppernoll

6. REQUEST FOR ANALYSES

03-C-4524

[illegible]

*Specify: Solid sorbent tube, e.g. Charcoal; Filler type; Impinger solution; Bulk Sample; Blood; Urine; Tissue; Soil; Water; Other

6. Q C REQUIREMENTS

MUST BE COMPLETED FOR

ENVIRONMENTAL SAMPLES - See

General Services Terms and Conditions: QC samples billed at regular sample rate

☐ METHOD QC SAMPLES
(Lab QC according to published methods)

☐ PROJECT PLAN QC SAMPLES
(Lab QC according to provided QA/QC Plan)

☐ NO QC SAMPLES REQUESTED
(May not conform to Agency requirements)

☐ OTHER (as specified below)

9/19/03 1000

Comments

Possible Contamination and/or Chemical Hazards

7. Requested by _____

4388 Glendale-Milford Road / Cincinnati, OH 45242 800-458-1493 or 513-733-5336 / FAX: 513-733-5347

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Q210 10/14/03



**DATA
CHEM**
LABORATORIES, INC.

TEST REPORT
Page 1 of 2
10/2/03

Submitted To: Jim Coppernoll
Delta Environmental Consultants, Inc.
1200- 112th Ave. NE; Suite C-210
Bellevue, WA 98004

Reference Data: **Gasoline-range TPH and Benzene**

Client Sample No.: 11060-5, 11060-6 and 11060-7
P.O. No.: Not Available
Sample Location: 11060
Sample Type: Organic vapor monitors (OVM 3500)
Method Reference: 3M Analytical guide
DCL Set ID No.: 03-C-4524
DCL Sample ID No.: 03-27550 through 03-27552
Date Received: 9/19/2003
Preparation Date: 9/19/2003
Analysis Date: 9/19/2003

Sample condition was acceptable upon receipt except where noted.
The samples were prepared by desorption in carbon disulfide.

The analysis was performed on a Hewlett Packard 5890 gas chromatograph equipped with a flame ionization detector and a Nukol capillary column with temperature programming from 40°C to 120°C and a DB-MTBE capillary column with temperature programming from 40°C to 250°C.

The Gasoline-range TPH represents the sum of all peak heights found in the sample minus the one of the solvent and was quantitated against n-hexane.

Compound identification is based upon retention time matching only. Any compound with a similar retention time will interfere.

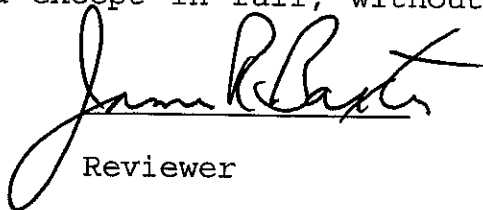
The results are provided in the enclosed data table. Results relate only to the items tested and are not blank corrected.

This report shall not be reproduced except in full, without the written approval of the laboratory.



Tai V. Nguyen
Analyst

CINCINNATI OFFICE
4388 GLENDALE-MILFORD ROAD
CINCINNATI, OHIO 45242-3706
513 733-5336, FAX 513 733-5347



Reviewer

WEST COAST OFFICE
11 SANTA YORMA COURT
NOVATO, CALIFORNIA 94945
800 280-8071, FAX 415 893-9469

Data Table

µg/sample

Client #	DCL #	Exposure time, min	Gasoline- range TPH	Benzene
11060-5	03-27550	1372	40.	ND
11060-6	03-27551	1365	60.	ND
11060-7	03-27552	1314	50.	ND
	Limit of detection		20.	1.

ppm*

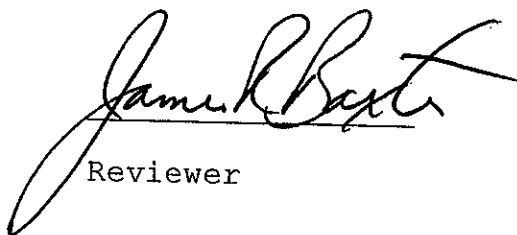
Client #	DCL #	Exposure time, min	Gasoline- range TPH	Benzene
11060-5	03-27550	1372	0.24	<0.0066
11060-6	03-27551	1365	0.36	<0.0067
11060-7	03-27552	1314	0.32	<0.0069

ND indicates compound not detected at or above the limit of detection.

***Note:** ppm calculations are based upon air volume/sampling times supplied by the client and the molecular weight of the compound. For TPH Gasoline Range n-Hexane is used as the reference molecular weight.



Tai V. Nguyen
Analyst


Reviewer



ANALYTICAL REQUEST FORM

1. ☐ **REGULAR Status**

☒ **RUSH Status Requested - ADDITIONAL CHARGE**

RESULTS REQUIRED BY 9/22/03

DATE _____

CONTACT DATACHEM LABS PRIOR TO SENDING SAMPLES.

2. Date 9/18/03 Purchase Order No. _____
3. Company Name Delta Environmental Consult, Inc.
Address 1200-112th Ave NE, Suite C-210
Bellevue, WA
Person to Contact Jim Coppernoll
Telephone (425) 350-7645
Fax Telephone (360) 794-6837
Billing Address (if different from above) _____

4. Quote No. _____
DCL Project Manager Stella

5. Sample Collection

Sampling Site 11060

Industrial Process Gasoline retail

Date of Collection: 9/17/03, 9/18/03

Time Collected

Date of Shipment 9/18/03

Chain of Custody No.

Collector's Name / Signature, James D. Copperad

6. REQUEST FOR ANALYSES

03-C-4524

Laboratory Use Only	Client Sample Number	Media Type*	Sample Volume (Liters)	ANALYSES REQUESTED - Use Method Number if Known
27550	11060-5			Gasoline-range TPH and Benzene
27551	11060-6			
27552	11060-7			

*Specify: Solid sorbent tube, e.g. Charcoal; Filter type; Impinger solution; Bulk Sample Shaker; etc.

*Specify: Solid sorbent tube, e.g. Charcoal; Filter type; Impinger solution; Bulk Sample; Blood; Urine; Tissue; Soil; Water; Other

6. Q C REQUIREMENTS

MUST BE COMPLETED FOR

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9/19/03 1000

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4988 Glendale-Milford Road / Cincinnati, OH 45242

800-458-1493 or 513-733-5396 / FAX: 513-733-5347

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