



October 14, 2008

Mr. Bob Blair
Safeway Inc.
1121 124th Avenue NE
Bellevue, Washington 98005-8501

RECEIVED

FEB 13 2009

DEPARTMENT OF ECOLOGY
EASTERN REGIONAL OFFICE

Re: Ground Water Monitoring Summary Report
Safeway Fuel Station No. 3252
505 S. Pioneer Way
Moses Lake, Washington

EPI Project No. 082203.6

Dear Mr. Blair,

Environmental Partners, Inc. (EPI) is pleased to provide this letter report presenting this summary of four quarters of ground water monitoring for the Safeway Store No. 3252 Fuel Station, located at 505 S. Pioneer Way in Moses Lake, Washington (subject property). The general location of the subject property is indicated on Figure 1. These services were performed on behalf of Safeway as a continuing component of a previously completed Interim Remedial Action (IRA) at the subject property. The work described herein constitutes performance monitoring for the IRA. Specifically, this work assesses the extent to which the removal of petroleum impacts to soil has resulted in improvements in shallow ground water quality.

BACKGROUND

EPI has previously completed the following environmental services at the subject property:

- *Phase I Environmental Site Assessment (ESA)*, dated July 14, 2006;
- *Phase II ESA and Geotechnical Investigation*, dated July 28, 2006;
- *Supplemental Phase II ESA and Geophysical Survey*, dated December 3, 2006;
- *Interim Remedial Action (IRA)*, dated February 21, 2008; and
- *Ground Water Monitoring Well Installation Letter Report*, dated January 18, 2008.

The prior investigations identified the presence of petroleum impacts to soil and ground water at the subject property. The prior investigations identified diesel-range petroleum hydrocarbon (DRPH) as the contaminant of concern for soil and ground water. The apparent source(s) of the observed soil and ground water impacts are the former service station Underground Storage Tanks (USTs) and fuel dispenser island formerly located in the northern portion of the subject property.

The objective of the IRA was to meet the Model Toxics Control Act (MTCA; WAC 173-340) Method A Soil Cleanup Level for Unrestricted Land Uses throughout the subject property and to clearly demonstrate attainment of those cleanup levels. The primary mode of remediation was source removal

(i.e., both soil and ground water) and monitored natural attenuation of residual dissolved-phase impacts.

During the IRA EPI directed the excavation and removal of all accessible petroleum contaminated soil (PCS) at the subject property. A total of about 862 tons of PCS was excavated and disposed during the IRA. The IRA also included removal, treatment and disposal of about 20,000 gallons of DRPH-impacted ground water from the remedial excavation.

A very limited of amount inaccessible PCS remains at the northern and central portions of the subject property. These impacts are restricted to soils in the excavation sidewall that could not be safely excavated. However, as demonstrated in the IRA report the residual PCS does not represent a significant mass of residual contaminant and the performance monitoring discussed herein indicates that these soils do not represent a threat to ground water quality

OBJECTIVES AND SCOPE OF PERFORMANCE MONITORING

The objectives of the work demonstrated herein were to:

- Characterize the piezometric conditions of the water table aquifer beneath the subject property; and
- Characterize ground water quality throughout a full annual cycle.

EPI installed a total of 5 ground water monitoring wells as indicated on Figure 2. Table 1 summarizes the rationale for the well locations.

Each monitoring well was installed using hollow stem auger (HSA) drilling and well installation techniques. Recovered soil samples were field screened for indications of contamination using a photoionization detector (PID) and visual and olfactory techniques. The wells were completed to a depth of about 8 feet below the unsaturated/saturated interface at the time of drilling. The water table was typically encountered at between about 7 and 12 feet below grade with a maximum well depth of about 20 feet below grade. The wells were constructed of 2-inch diameter PVC materials with about 10 feet to 12 feet of 0.010-inch factory machine slotted well screen and were completed with traffic-rated, flush-mounted monuments.

Upon completion, each well was developed to remove drilling fines or other turbidity from the well casing and filter pack. Approximately 5 to 10 wetted casing volumes were removed during development, or until the water was visibly free of suspended solids, whichever occurred first.

The vertical elevation of each well was surveyed with elevations relative to the northernmost point on the PVC well casing. The survey was performed using standard rod and level methods to a relative datum.

Each ground water monitoring well was then sampled on a quarterly basis. The sampling procedures, findings, and conclusions from each are described below.

Ground Water Sampling Procedures

One ground water sample was collected from each of the five monitoring wells on four consecutive calendar quarters. The dates of the sampling events include November 9, 2007, February 19, 2008, May 14, 2008, and September 5, 2008.

The depth to water and total depth of all monitoring wells and recovery wells were measured during each sampling event using a Solinst electronic water level meter accurate to within 0.01 foot. To ensure reproducibility of the data, all measurements were made relative to the north side of the top surface of the well casing. These measurements were then used to determine the elevation of the water table and the hydraulic gradient. A summary of ground water elevation data is included as Table 1.

During each sampling event, all wells were purged and sampled using a peristaltic pump to minimize sample volatilization and silt uptake. Dedicated tubing was used in each well and ground water samples were pumped directly into appropriate sample containers at a flow rate of less than 100 milliliters/minute.

All ground water samples were submitted for analysis of:

- GRPH using the Northwest Total Petroleum Hydrocarbons as Gasoline (NWTPH-Gas) Method;
- DRPH and ORPH using the Northwest Total Petroleum Hydrocarbons as Diesel-Extended (NWTPH-Dx) Method; and
- BTEX by EPA Method 8021B.

All ground water samples were field analyzed for pH, temperature, and specific conductivity.

Immediately upon collection, each ground water sample was labeled and placed in an iced cooler pending submittal to the analytical laboratory. All samples were transported under standard chain-of-custody protocols to OnSite Environmental, Inc. (OnSite; Redmond, WA).

FINDINGS

Ground Water Piezometric Data

Depth to ground water and water table elevation data are summarized in Table 2. A ground water elevation contour maps for each sampling event are included as Figures 3 through 6.

Ground water was typically encountered at between about 7 and 12 feet below grade. Ground water table elevations indicate that the ground water flow direction is generally northwesterly. The average magnitude of the hydraulic gradient was about 0.002 feet per foot (i.e., from MW-1 to MW-4). The piezometric contours shown on Figure 3 through 6 were generated using the Surfer® software package and a Kriging algorithm.

Mr. Bob Blair, Safeway, Inc.
Safeway Fuel Station No. 3252
Moses Lake, Washington
October 14, 2008

Analytical Results

One ground water sample was collected from each of the five monitoring wells during each sampling event and submitted for GRPH, DRPH, ORPH, and BTEX analysis as indicated in Table 3. The analytical results for these samples are summarized in Table 4. The locations of these samples are depicted on Figure 2. Final laboratory analytical reports are presented in Attachment A.

No target analytes were detected at concentrations above the detection limit of the method used in any of the ground water samples. All detection limits were less than the cleanup level for the target analyte.

CONCLUSIONS

The following conclusions are supported by the findings of this report:

- The ground water analytical data indicates that ground water quality is currently in compliance with MTCA Method A. Based upon the available data, it is reasonable to conclude that the IRA resulted in a permanent remedy for the previously observed ground water impacts.
- EPI recommends petitioning Ecology for a determination of regulatory closure for the subject property. Under the current regulatory framework, the form of closure could take several forms but would, in any event, confirm the performance of the IRA and indicate that additional remedial action at the subject property is not necessary at this time.

EPI appreciates the opportunity to be of assistance on this project. As always, if you have any questions or comments, please do not hesitate to contact me at (425) 395-0010.

Sincerely,



Thomas C. Morin, L.G.
Principal Geologist

cc: Mr. Jeffrey Brown, Safeway Inc.
Ms. Sara Osborne, Safeway Inc.

TABLES

Table 1 – Ground Water Monitoring Well Locations and Rationale

Table 2 – Summary of Water Table Elevation Data

Table 3 – Summary of Requested Analyses for Ground Water Samples

Table 4 – Summary of Ground Water Sample Analytical Results

FIGURES

Figure 1 – General Vicinity Map

Figure 2 – Site Representation with Monitoring Well Locations

Figure 3 – Site Representation with Ground Water Elevations for November 9, 2007

Figure 4 – Site Representation with Ground Water Elevations for February 19, 2008

Figure 5 – Site Representation with Ground Water Elevations for May 14, 2008

Figure 6 – Site Representation with Ground Water Elevations for September 5, 2008

ATTACHMENTS

Attachment A – Analytical Laboratory Reports

TABLE 1
Ground Water Monitoring Well Locations and Rationale
Safeway Fueling Center - Monitoring Well Installation
Moses Lake, Washington
EPI Project No. 082203.6

Monitoring Well Number	Location	Rationale
MW-1	Northern portion of the eastern property boundary	Provides ground water data cross-gradient of source area and beneath former USTs
MW-2	Within area of IRA excavation	Provides ground water data within former source area
MW-3	Between MW-1 and current USTs	Provides ground water data down-gradient of former source area and up-gradient of new USTs
MW-4	Near new USTs	Provides ground water data down-gradient of former source area; and Provides data on ground water quality down-gradient potential residential source
MW-5	Southern property boundary	Provides ground water data down-gradient of source area and down-gradient of new USTs

TABLE 2
Summary of Water Table Elevation Data
Safeway Fueling Center - Monitoring Well Installation
Moses Lake, Washington
EPI Project No. 082203.6

Monitoring Well Number	Elevation of Well Casing ^(a) (ft)	Date	Depth to Water ^(b) (ft)	Water Table Elevation (ft)
MW-1	95.13	11/9/07	9.09	86.04
		2/19/08	9.00	86.13
		5/14/08	8.74	86.39
		9/5/08	8.83	86.30
MW-2	96.28	11/9/07	10.85	85.43
		2/19/08	10.92	85.36
		5/14/08	10.35	85.93
		9/5/08	10.47	85.81
MW-3	95.08	11/9/07	9.43	85.65
		2/19/08	9.51	85.57
		5/14/08	8.95	86.13
		9/5/08	9.10	85.98
MW-4	95.40	2/19/08	9.60	85.80
		2/19/08	9.66	85.74
		5/14/08	9.18	86.22
		9/5/08	9.30	86.10
MW-5	94.65	11/9/07	7.00	87.65
		2/19/08	7.06	87.59
		5/14/08	7.04	87.61
		9/5/08	7.06	87.59

Notes:

- (a) The vertical elevation of each well surveyed relative to the northernmost point on the PVC well casing using standard rod and level methods to a relative datum.
- (b) Depth to water and total depth of each well measured using a Solinst electronic water level meter.

Table 3
Summary of Requested Analyses for Ground Water Samples
Safeway Fueling Center - Monitoring Well Installation
Moses Lake, Washington
EPI Project No. 082203.6

Monitor Well Number	Gasoline-Range Petroleum Hydrocarbons ^(a)	Diesel-Range Petroleum Hydrocarbons ^(b)	Oil-Range Petroleum Hydrocarbons ^(b)	Benzene ^(c)	Toluene ^(c)	Ethylbenzene ^(c)	Total Xylenes ^(c)
MW-1	X	X	X	X	X	X	X
MW-2	X	X	X	X	X	X	X
MW-3	X	X	X	X	X	X	X
MW-4	X	X	X	X	X	X	X
MW-5	X	X	X	X	X	X	X

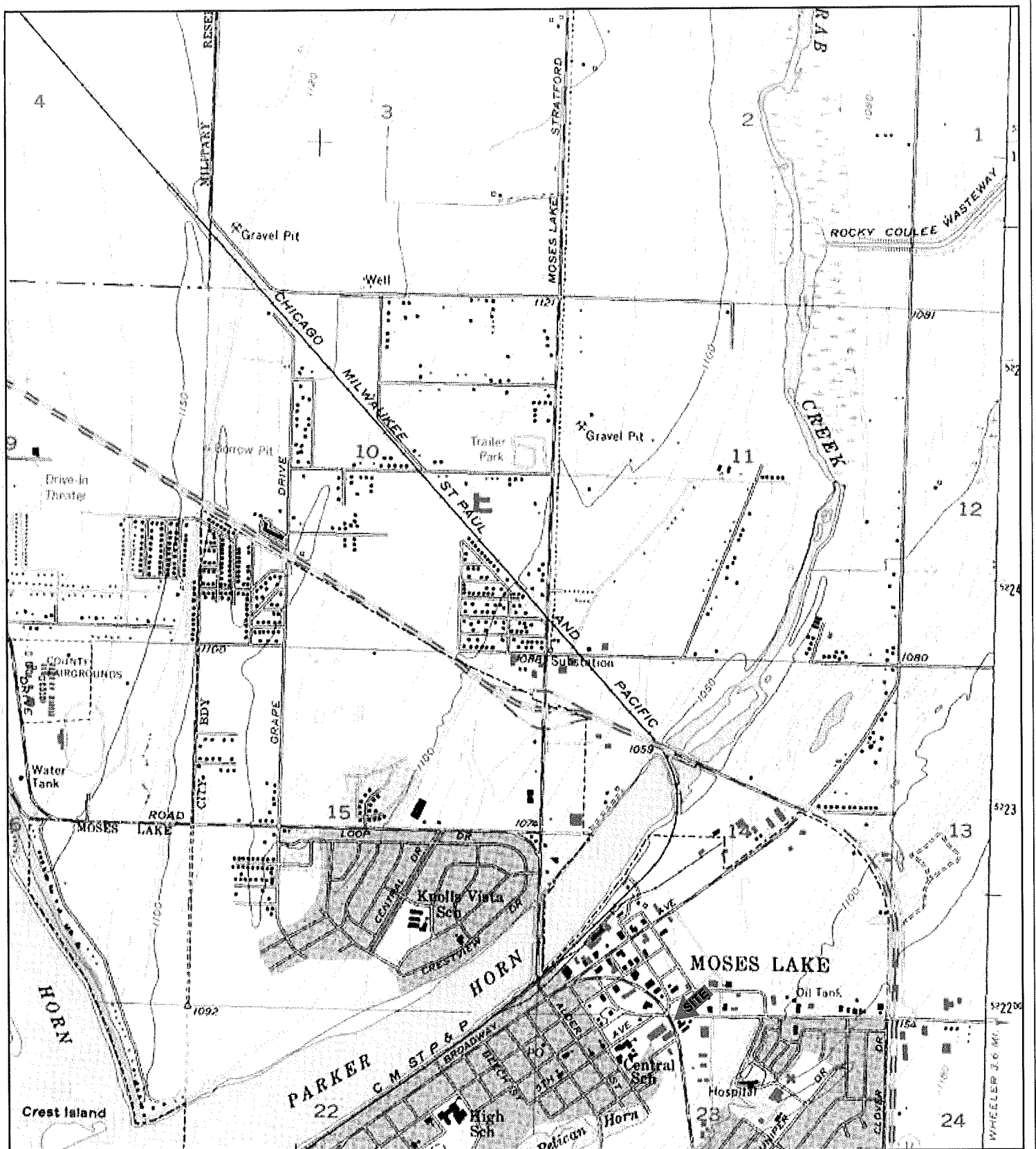
Notes:

- (a) Gasoline-Range Petroleum Hydrocarbons (GRPH) using Ecology NWTPH-GX Method.
(b) Diesel- and Oil-Range Petroleum Hydrocarbons (DRPH & ORPH) using Ecology NWTPH-DX Method.
(c) Benzene, toluene, ethylbenzene, and total xylenes using EPA Method 8021.

Summary of Analytical Results for Ground Water Samples
Petroleum Hydrocarbons in µg/L
Safeway Fueling Center - Monitoring Well Installation
Moses Lake, Washington
EPI Project No. 082203.6

Monitor Well Number	Sample Date	GRPH ^(a)	DRPH ^(b)	ORPH ^(b)	Benzene ^(c)	Toluene ^(c)	Ethylbenzene ^(c)	Total Xylenes ^(c)
MW-1	11/9/07	ND (<50)	ND (<130)	ND (<250)	ND (<1)	ND (<1)	ND (<1)	ND (<3)
	2/19/08	ND (<50)	ND (<130)	ND (<250)	ND (<1)	ND (<1)	ND (<1)	ND (<3)
	5/14/08	ND (<50)	ND (<130)	ND (<250)	ND (<1)	ND (<1)	ND (<1)	ND (<3)
	9/5/08	ND (<100)	ND (<250)	ND (<400)	ND (<1)	ND (<1)	ND (<1)	ND (<2)
MW-2	11/9/07	ND (<50)	ND (<130)	ND (<250)	ND (<1)	ND (<1)	ND (<1)	ND (<3)
	2/19/08	ND (<50)	ND (<130)	ND (<250)	ND (<1)	ND (<1)	ND (<1)	ND (<3)
	5/14/08	ND (<50)	ND (<130)	ND (<250)	ND (<1)	ND (<1)	ND (<1)	ND (<3)
	9/5/08	ND (<100)	ND (<250)	ND (<400)	ND (<1)	ND (<1)	ND (<1)	ND (<2)
MW-3	11/9/07	ND (<50)	ND (<130)	ND (<250)	ND (<1)	ND (<1)	ND (<1)	ND (<3)
	2/19/08	ND (<50)	ND (<130)	ND (<250)	ND (<1)	ND (<1)	ND (<1)	ND (<3)
	5/14/08	ND (<50)	ND (<130)	ND (<250)	ND (<1)	ND (<1)	ND (<1)	ND (<3)
	9/5/08	ND (<100)	ND (<250)	ND (<400)	ND (<1)	ND (<1)	ND (<1)	ND (<2)
MW-4	11/9/07	ND (<50)	ND (<130)	ND (<250)	ND (<1)	ND (<1)	ND (<1)	ND (<3)
	2/19/08	ND (<50)	ND (<130)	ND (<250)	ND (<1)	ND (<1)	ND (<1)	ND (<3)
	5/14/08	ND (<50)	ND (<130)	ND (<250)	ND (<1)	ND (<1)	ND (<1)	ND (<3)
	9/5/08	ND (<100)	ND (<250)	ND (<400)	ND (<1)	ND (<1)	ND (<1)	ND (<2)
MW-5	11/9/07	ND (<50)	ND (<130)	ND (<250)	ND (<1)	ND (<1)	ND (<1)	ND (<3)
	2/19/08	ND (<50)	ND (<130)	ND (<250)	ND (<1)	ND (<1)	ND (<1)	ND (<3)
	5/14/08	ND (<50)	ND (<130)	ND (<250)	ND (<1)	ND (<1)	ND (<1)	ND (<3)
	9/5/08	ND (<100)	ND (<250)	ND (<400)	ND (<1)	ND (<1)	ND (<1)	ND (<2)
MTCA Method A Water Cleanup Levels for Unrestricted Land Uses (in µg/L; ppb) ^(d)		800/1,000 ^(e)	500	500	5	1,000	700	1,000

Notes:
(a) Gasoline-Range Petroleum Hydrocarbons (GRPH) using Ecology NWTPH-GX Method.
(b) Diesel- and Oil-Range Petroleum Hydrocarbons (DRPH & ORPH) using Ecology NWTPH-DX Method.
(c) Benzene, toluene, ethylbenzene, and total xylenes using EPA Method 8021.
(d) Model Toxics Control Act (MTCA) Cleanup Regulation, Chapter 173-340 WAC, February 12, 2001.
(e) 800 for GRPH mixtures with benzene present in ground water; 1,000 for GRPH mixtures with no detectable benzene in ground water.
Bolded values indicate detections above the Method Detection Limit. Shaded values indicate detections exceeding the applicable MTCA Method A Soil Cleanup Level.
ND - not detected above the applicable Method Detection Limit.



KEY:



SOURCE: USGS 7.5 MINUTE QUADRANGLE
(TOPOGRAPHIC)

MOSES LAKE NORTH, WA
1956

REVISED 1978

SCALE = 1:24,000



**ENVIRONMENTAL
PARTNERS INC**

295 NE Gilman Boulevard, Suite 201
Issaquah, Washington 98027

FIGURE 1

GENERAL VICINITY MAP

PROJECT	082203.6			
PREPARED FOR	SAFeway INC.			
LOCATION	505 S. PIONEER WAY MOSES LAKE, WASHINGTON			
SHEET	DRAWN BY	REVIEWED BY	DATE	
1 of 1	ARM	TCM	10/13/08	

WHEELER ROAD

FORMER PUMP
ISLAND LOCATION

EXISTING CONCRETE SIDEWALK

LOCATION OF
FORMER USTs

MW-2

KIOSK

FORMER
GASOLINE UST

FORMER SAND-
FILLED UST

MW-1

FORMER PUMP
ISLAND LOCATION

MW-3

FUEL PUMP
CANOPY

NEW
FUEL
STORAGE
TANKS

MW-4

MW-5

SOUTH PIONEER WAY

KEY:



BORING LOCATION



epi ENVIRONMENTAL
PARTNERS INC

295 NE Gilman Boulevard, Suite 201
Issaquah, Washington 98027

PROJECT

082203.6

PREPARED
FOR

SAFEWAY, INC.

LOCATION

505 SOUTH PIONEER WAY
MOSES LAKE, WASHINGTON

SHEET

1 of 1

DRAWN BY

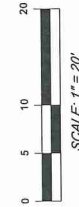
ARM

REVIEWED BY

TCM

DATE

10/13/08



SCALE: 1" = 20'

SITE REPRESENTATION

WHEELER ROAD

FORMER PUMP
ISLAND LOCATION

EXISTING CONCRETE SIDEWALK

LOCATION OF
FORMER USTs

MW-2
(85.43)

FORMER
GASOLINE UST

MW-1
(86.04)

KIOSK

FORMER PUMP
ISLAND LOCATION

MW-3
(85.65)

FUEL PUMP
CANOPY

NEW
FUEL
STORAGE
TANKS

MW-4
(85.80)

SOUTH PIONEER WAY

MW-5
(87.65)



- KEY:
- GROUND WATER ELEVATION CONTOUR IN FEET
 - MONITORING WELL WITH GROUND WATER ELEVATION (FT) BASED ON AN ASSUMED DATUM
 - GROUND WATER FLOW DIRECTION
 - ESTIMATED AREAS OF NEW CONSTRUCTION
 - ESTIMATED AREAS OF FORMER SITE FEATURES



**ENVIRONMENTAL
PARTNERS INC**
295 NE Gilman Boulevard, Suite 201
Issaquah, Washington 98027

PROJECT 082203.6

PREPARED FOR SAFEWAY, INC.

LOCATION 505 SOUTH PIONEER WAY
MOSES LAKE, WASHINGTON

SHEET 1 of 1

DRAWN BY ARM
REVIEWED BY DPG

DATE 10/13/08

FIGURE 3

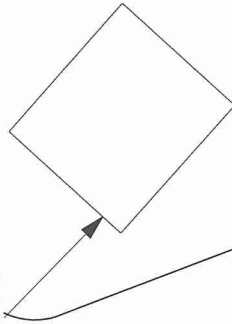
GROUND WATER ELEVATION CONTOUR
MAP - NOVEMBER 2007

WHEELER ROAD

FORMER PUMP
ISLAND LOCATION

EXISTING CONCRETE SIDEWALK

LOCATION OF
FORMER USTs



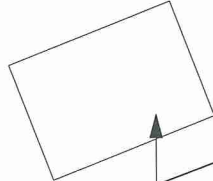
MW-2
(85.36)

KIOSK

FORMER
GASOLINE UST

MW-1
(86.13)

FORMER PUMP
ISLAND LOCATION



MW-3
(85.57)

FUEL PUMP
CANOPY

NEW
FUEL
STORAGE
TANKS

SOUTH PIONEER WAY

MW-4
(85.74)

86.3

86.8

MW-5
(87.59)



- KEY:
- GROUND WATER ELEVATION CONTOUR IN FEET
 - MONITORING WELL WITH GROUND WATER ELEVATION (FT) BASED ON AN ASSUMED DATUM
 - GROUND WATER FLOW DIRECTION
 - ESTIMATED AREAS OF NEW CONSTRUCTION
 - ESTIMATED AREAS OF FORMER SITE FEATURES



**ENVIRONMENTAL
PARTNERS INC**
295 NE Gilman Boulevard, Suite 201
Issaquah, Washington 98027

PROJECT 082203.6

PREPARED FOR SAFEWAY, INC.

LOCATION 505 SOUTH PIONEER WAY
MOSES LAKE, WASHINGTON

SHEET 1 of 1

DRAWN BY ARM

REVIEWED BY DPG

DATE 10/13/08

FIGURE 4

GROUND WATER ELEVATION CONTOUR
MAP - FEBRUARY 2008

WHEELER ROAD

FORMER PUMP
ISLAND LOCATION

EXISTING CONCRETE SIDEWALK

LOCATION OF
FORMER USTs

FORMER PUMP
ISLAND LOCATION

KIOSK

FORMER
GASOLINE UST

FORMER SAND-
FILLED UST

FUEL PUMP
CANOPY

NEW
FUEL
STORAGE
TANKS

SOUTH PIONEER WAY

MW-1
(86.39)

MW-2
(85.93)

MW-3
(86.13)

MW-4
(86.22)

MW-5
(87.61)



- KEY:
- GROUND WATER ELEVATION CONTOUR IN FEET
 - MONITORING WELL WITH GROUND WATER ELEVATION (FT) BASED ON AN ASSUMED DATUM
 - GROUND WATER FLOW DIRECTION
 - ESTIMATED AREAS OF NEW CONSTRUCTION
 - ESTIMATED AREAS OF FORMER SITE FEATURES



**ENVIRONMENTAL
PARTNERS INC.**
295 NE Gilman Boulevard, Suite 201
Issaquah, Washington 98027

PROJECT

PREPARED
FOR

LOCATION

SHEET

DRAWN BY

REVIEWED BY

DATE

FIGURE 5

GROUND WATER ELEVATION CONTOUR
MAP - MAY 2008

505 SOUTH PIONEER WAY
MOSES LAKE, WASHINGTON

DPG

10/13/08

WHEELER ROAD

FORMER PUMP
ISLAND LOCATION

EXISTING CONCRETE SIDEWALK

LOCATION OF
FORMER USTs

MW-2
(85.81)

KIOSK

FORMER PUMP
ISLAND LOCATION

MW-3
(85.98)

FUEL PUMP
CANOPY

NEW
FUEL
STORAGE
TANKS

SOUTH PIONEER WAY

FORMER SAND-
FILLED UST

MW-1
(86.30)

FORMER
GASOLINE UST

MW-4
(86.10)

MW-5
(87.59)



- KEY:
- GROUND WATER ELEVATION CONTOUR IN FEET
 - MONITORING WELL WITH GROUND WATER ELEVATION (FT) BASED ON AN ASSUMED DATUM
 - GROUND WATER FLOW DIRECTION
 - ESTIMATED AREAS OF NEW CONSTRUCTION
 - ESTIMATED AREAS OF FORMER SITE FEATURES



**ENVIRONMENTAL
PARTNERS INC.**
295 NE Gilman Boulevard, Suite 201
Tualquam, Washington 98027

PROJECT

082203.6

PREPARED
FOR

SAFeway, INC.

LOCATION

505 SOUTH PIONEER WAY
MOSES LAKE, WASHINGTON

SHEET

1 of 1

DRAWN BY

ARM

REVIEWED BY

DPG

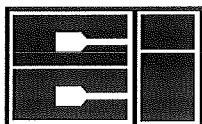
DATE

10/13/08

FIGURE 6

GROUND WATER ELEVATION CONTOUR
MAP - SEPTEMBER 2008

ATTACHMENT A
Final Laboratory Reports



CCI
ANALYTICAL
LABORATORIES
A Division of DataChem Laboratories, Inc.

CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD. SUITE 201
ISSAQUAH, WA 98027

DATE: 11/19/2007
CCIL JOB #: 0711052
DATE RECEIVED: 11/12/2007
WDOE ACCREDITATION #: C1336

CLIENT CONTACT: THOM MORIN/DYLAN GALLOWAY
CLIENT PROJECT ID: 082203.5
CLIENT SAMPLE ID: 11/8/2007 11:50 SS-1
CCIL SAMPLE #: -01

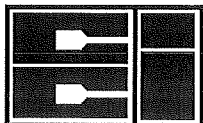
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	ND(<3)	MG/KG	11/13/2007	DLC
Benzene	EPA-8021	ND(<0.03)	MG/KG	11/13/2007	DLC
Toluene	EPA-8021	ND(<0.05)	MG/KG	11/13/2007	DLC
Ethylbenzene	EPA-8021	ND(<0.05)	MG/KG	11/13/2007	DLC
Xylenes	EPA-8021	ND(<0.2)	MG/KG	11/13/2007	DLC
TPH-Diesel Range	NWTPH-DX	ND(<25)	MG/KG	11/14/2007	EBS
TPH-Oil Range	NWTPH-DX	ND(<50)	MG/KG	11/14/2007	EBS

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES.

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:



CCI
ANALYTICAL
LABORATORIES
A Division of DataChem Laboratories, Inc.

CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD. SUITE 201
ISSAQUAH, WA 98027

DATE: 11/19/2007
CCIL JOB #: 0711052
DATE RECEIVED: 11/12/2007
WDOE ACCREDITATION #: C1336

CLIENT CONTACT: THOM MORIN/DYLAN GALLOWAY
CLIENT PROJECT ID: 082203.5
CLIENT SAMPLE ID: 11/8/2007 16:10 SS-2
CCIL SAMPLE #: -02

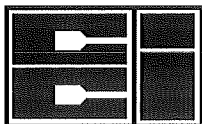
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	ND(<3)	MG/KG	11/13/2007	DLC
Benzene	EPA-8021	ND(<0.03)	MG/KG	11/13/2007	DLC
Toluene	EPA-8021	ND(<0.05)	MG/KG	11/13/2007	DLC
Ethylbenzene	EPA-8021	ND(<0.05)	MG/KG	11/13/2007	DLC
Xylenes	EPA-8021	ND(<0.2)	MG/KG	11/13/2007	DLC
TPH-Diesel Range	NWTPH-DX	ND(<25)	MG/KG	11/14/2007	EBS
TPH-Oil Range	NWTPH-DX	ND(<50)	MG/KG	11/14/2007	EBS

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** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:



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CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD. SUITE 201
ISSAQUAH, WA 98027

DATE: 11/19/2007
CCIL JOB #: 0711052
DATE RECEIVED: 11/12/2007
WDOE ACCREDITATION #: C1336

CLIENT CONTACT: THOM MORIN/DYLAN GALLOWAY
CLIENT PROJECT ID: 082203.5
CLIENT SAMPLE ID: 11/9/2007 10:15 SS-3
CCIL SAMPLE #: -03

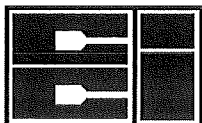
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	ND(<3)	MG/KG	11/13/2007	DLC
Benzene	EPA-8021	ND(<0.03)	MG/KG	11/13/2007	DLC
Toluene	EPA-8021	ND(<0.05)	MG/KG	11/13/2007	DLC
Ethylbenzene	EPA-8021	ND(<0.05)	MG/KG	11/13/2007	DLC
Xylenes	EPA-8021	ND(<0.2)	MG/KG	11/13/2007	DLC
TPH-Diesel Range	NWTPH-DX	ND(<25)	MG/KG	11/14/2007	EBS
TPH-Oil Range	NWTPH-DX	ND(<50)	MG/KG	11/14/2007	EBS

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ISSAQUAH, WA 98027

DATE: 11/19/2007
CCIL JOB #: 0711052
DATE RECEIVED: 11/12/2007
WDOE ACCREDITATION #: C1336

CLIENT CONTACT: THOM MORIN/DYLAN GALLOWAY
CLIENT PROJECT ID: 082203.5
CLIENT SAMPLE ID: 11/9/2007 12:30 SS-4
CCIL SAMPLE #: -04

DATA RESULTS

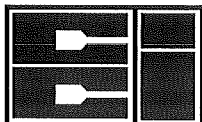
ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	ND(<3)	MG/KG	11/13/2007	DLC
Benzene	EPA-8021	ND(<0.03)	MG/KG	11/13/2007	DLC
Toluene	EPA-8021	ND(<0.05)	MG/KG	11/13/2007	DLC
Ethylbenzene	EPA-8021	ND(<0.05)	MG/KG	11/13/2007	DLC
Xylenes	EPA-8021	ND(<0.2)	MG/KG	11/13/2007	DLC
TPH-Diesel Range	NWTPH-DX	ND(<25)	MG/KG	11/14/2007	EBS
TPH-Oil Range	NWTPH-DX	64	MG/KG	11/14/2007	EBS

NOTE: CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY LUBE OIL

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DATE: 11/19/2007
CCIL JOB #: 0711052
DATE RECEIVED: 11/12/2007
WDOE ACCREDITATION #: C1336

CLIENT CONTACT: THOM MORIN/DYLAN GALLOWAY
CLIENT PROJECT ID: 082203.5
CLIENT SAMPLE ID: 11/9/2007 13:35 MW-1
CCIL SAMPLE #: -05

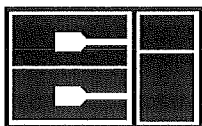
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	ND(<50)	UG/L	11/14/2007	DLC
Benzene	EPA-8021	ND(<1)	UG/L	11/14/2007	DLC
Toluene	EPA-8021	ND(<1)	UG/L	11/14/2007	DLC
Ethylbenzene	EPA-8021	ND(<1)	UG/L	11/14/2007	DLC
Xylenes	EPA-8021	ND(<3)	UG/L	11/14/2007	DLC
TPH-Diesel Range	NWTPH-DX	ND(<130)	UG/L	11/14/2007	EBS
TPH-Oil Range	NWTPH-DX	ND(<250)	UG/L	11/14/2007	EBS

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ISSAQUAH, WA 98027

DATE: 11/19/2007
CCIL JOB #: 0711052
DATE RECEIVED: 11/12/2007
WDOE ACCREDITATION #: C1336

CLIENT CONTACT: THOM MORIN/DYLAN GALLOWAY
CLIENT PROJECT ID: 082203.5
CLIENT SAMPLE ID: 11/9/2007 21:45 MW-2
CCIL SAMPLE #: -06

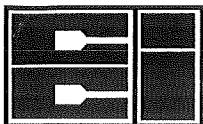
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	ND(<50)	UG/L	11/14/2007	DLC
Benzene	EPA-8021	ND(<1)	UG/L	11/14/2007	DLC
Toluene	EPA-8021	ND(<1)	UG/L	11/14/2007	DLC
Ethylbenzene	EPA-8021	ND(<1)	UG/L	11/14/2007	DLC
Xylenes	EPA-8021	ND(<3)	UG/L	11/14/2007	DLC
TPH-Diesel Range	NWTPH-DX	ND(<130)	UG/L	11/14/2007	EBS
TPH-Oil Range	NWTPH-DX	ND(<250)	UG/L	11/14/2007	EBS

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DATE: 11/19/2007
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DATE RECEIVED: 11/12/2007
WDOE ACCREDITATION #: C1336

CLIENT CONTACT: THOM MORIN/DYLAN GALLOWAY
CLIENT PROJECT ID: 082203.5
CLIENT SAMPLE ID: 11/9/2007 13:35 MW-1
CCIL SAMPLE #: -05

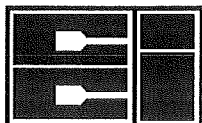
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	ND(<50)	UG/L	11/14/2007	DLC
Benzene	EPA-8021	ND(<1)	UG/L	11/14/2007	DLC
Toluene	EPA-8021	ND(<1)	UG/L	11/14/2007	DLC
Ethylbenzene	EPA-8021	ND(<1)	UG/L	11/14/2007	DLC
Xylenes	EPA-8021	ND(<3)	UG/L	11/14/2007	DLC
TPH-Diesel Range	NWTPH-DX	ND(<130)	UG/L	11/14/2007	EBS
TPH-Oil Range	NWTPH-DX	ND(<250)	UG/L	11/14/2007	EBS

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DATE: 11/19/2007
CCIL JOB #: 0711052
DATE RECEIVED: 11/12/2007
WDOE ACCREDITATION #: C1336

CLIENT CONTACT: THOM MORIN/DYLAN GALLOWAY
CLIENT PROJECT ID: 082203.5
CLIENT SAMPLE ID: 11/9/2007 21:45 MW-2
CCIL SAMPLE #: -06

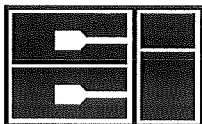
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	ND(<50)	UG/L	11/14/2007	DLC
Benzene	EPA-8021	ND(<1)	UG/L	11/14/2007	DLC
Toluene	EPA-8021	ND(<1)	UG/L	11/14/2007	DLC
Ethylbenzene	EPA-8021	ND(<1)	UG/L	11/14/2007	DLC
Xylenes	EPA-8021	ND(<3)	UG/L	11/14/2007	DLC
TPH-Diesel Range	NWTPH-DX	ND(<130)	UG/L	11/14/2007	EBS
TPH-Oil Range	NWTPH-DX	ND(<250)	UG/L	11/14/2007	EBS

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DATE: 11/19/2007
CCIL JOB #: 0711052
DATE RECEIVED: 11/12/2007
WDOE ACCREDITATION #: C1336

CLIENT CONTACT: THOM MORIN/DYLAN GALLOWAY
CLIENT PROJECT ID: 082203.5
CLIENT SAMPLE ID: 11/9/2007 22:15 MW-3
CCIL SAMPLE #: -07

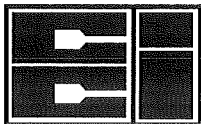
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	ND(<50)	UG/L	11/14/2007	DLC
Benzene	EPA-8021	ND(<1)	UG/L	11/14/2007	DLC
Toluene	EPA-8021	ND(<1)	UG/L	11/14/2007	DLC
Ethylbenzene	EPA-8021	ND(<1)	UG/L	11/14/2007	DLC
Xylenes	EPA-8021	ND(<3)	UG/L	11/14/2007	DLC
TPH-Diesel Range	NWTPH-DX	ND(<130)	UG/L	11/14/2007	EBS
TPH-Oil Range	NWTPH-DX	ND(<250)	UG/L	11/14/2007	EBS

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ISSAQUAH, WA 98027

DATE: 11/19/2007
CCIL JOB #: 0711052
DATE RECEIVED: 11/12/2007
WDOE ACCREDITATION #: C1336

CLIENT CONTACT: THOM MORIN/DYLAN GALLOWAY
CLIENT PROJECT ID: 082203.5
CLIENT SAMPLE ID: 11/9/2007 19:30 MW-4
CCIL SAMPLE #: -08

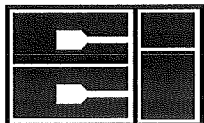
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	ND(<50)	UG/L	11/14/2007	DLC
Benzene	EPA-8021	ND(<1)	UG/L	11/14/2007	DLC
Toluene	EPA-8021	ND(<1)	UG/L	11/14/2007	DLC
Ethylbenzene	EPA-8021	ND(<1)	UG/L	11/14/2007	DLC
Xylenes	EPA-8021	ND(<3)	UG/L	11/14/2007	DLC
TPH-Diesel Range	NWTPH-DX	ND(<130)	UG/L	11/14/2007	EBS
TPH-Oil Range	NWTPH-DX	ND(<250)	UG/L	11/14/2007	EBS

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DATE: 11/19/2007
CCIL JOB #: 0711052
DATE RECEIVED: 11/12/2007
WDOE ACCREDITATION #: C1336

CLIENT CONTACT: THOM MORIN/DYLAN GALLOWAY
CLIENT PROJECT ID: 082203.5
CLIENT SAMPLE ID: 11/9/2007 19:00 MW-5
CCIL SAMPLE #: -09

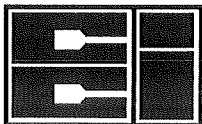
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	ND(<50)	UG/L	11/14/2007	DLC
Benzene	EPA-8021	ND(<1)	UG/L	11/14/2007	DLC
Toluene	EPA-8021	ND(<1)	UG/L	11/14/2007	DLC
Ethylbenzene	EPA-8021	ND(<1)	UG/L	11/14/2007	DLC
Xylenes	EPA-8021	ND(<3)	UG/L	11/14/2007	DLC
TPH-Diesel Range	NWTPH-DX	ND(<130)	UG/L	11/14/2007	EBS
TPH-Oil Range	NWTPH-DX	ND(<250)	UG/L	11/14/2007	EBS

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CCIL JOB #: 0711052
DATE RECEIVED: 11/12/2007
WDOE ACCREDITATION #: C1336

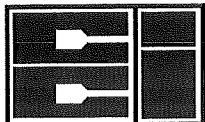
CLIENT CONTACT: THOM MORIN/DYLAN GALLOWAY
CLIENT PROJECT ID: 082203.5

QUALITY CONTROL RESULTS

SURROGATE RECOVERY

CCIL SAMPLE ID	METHOD	SUR ID	% RECV
0711052-01	NWTPH-GX	TFT	73
0711052-01	EPA-8021	TFT	75
0711052-01	NWTPH-DX	C25	68
0711052-02	NWTPH-GX	TFT	79
0711052-02	EPA-8021	TFT	79
0711052-02	NWTPH-DX	C25	65
0711052-03	NWTPH-GX	TFT	69
0711052-03	EPA-8021	TFT	74
0711052-03	NWTPH-DX	C25	69
0711052-04	NWTPH-GX	TFT	81
0711052-04	EPA-8021	TFT	81
0711052-04	NWTPH-DX	C25	72
0711052-05	NWTPH-GX	TFT	86
0711052-05	EPA-8021	TFT	90
0711052-05	NWTPH-DX	C25	76
0711052-06	NWTPH-GX	TFT	87
0711052-06	EPA-8021	TFT	90
0711052-06	NWTPH-DX	C25	79
0711052-07	NWTPH-GX	TFT	83
0711052-07	EPA-8021	TFT	90
0711052-07	NWTPH-DX	C25	80
0711052-08	NWTPH-GX	TFT	78
0711052-08	EPA-8021	TFT	83
0711052-08	NWTPH-DX	C25	79
0711052-09	NWTPH-GX	TFT	86
0711052-09	EPA-8021	TFT	91
0711052-09	NWTPH-DX	C25	74

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CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD. SUITE 201
ISSAQUAH, WA 98027

DATE: 2/25/2008
CCIL JOB #: 0802094
DATE RECEIVED: 2/20/2008
WDOE ACCREDITATION #: C1336

CLIENT CONTACT: THOM MORIN/DYLAN GALLOWAY
CLIENT PROJECT ID: 082203.6
CLIENT SAMPLE ID: 2/19/2008 9:45 MW-1
CCIL SAMPLE #: -01

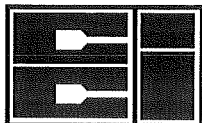
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	ND(<50)	UG/L	2/21/2008	DLC
Benzene	EPA-8021	ND(<1)	UG/L	2/21/2008	DLC
Toluene	EPA-8021	ND(<1)	UG/L	2/21/2008	DLC
Ethylbenzene	EPA-8021	ND(<1)	UG/L	2/21/2008	DLC
Xylenes	EPA-8021	ND(<3)	UG/L	2/21/2008	DLC
TPH-Diesel Range	NWTPH-DX	ND(<130)	UG/L	2/21/2008	EBS
TPH-Oil Range	NWTPH-DX	ND(<250)	UG/L	2/21/2008	EBS

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DATE: 2/25/2008
CCIL JOB #: 0802094
DATE RECEIVED: 2/20/2008
WDOE ACCREDITATION #: C1336

CLIENT CONTACT: THOM MORIN/DYLAN GALLOWAY
CLIENT PROJECT ID: 082203.6
CLIENT SAMPLE ID: 2/19/2008 10:50 MW-2
CCIL SAMPLE #: -02

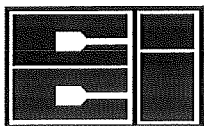
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	ND(<50)	UG/L	2/21/2008	DLC
Benzene	EPA-8021	ND(<1)	UG/L	2/21/2008	DLC
Toluene	EPA-8021	ND(<1)	UG/L	2/21/2008	DLC
Ethylbenzene	EPA-8021	ND(<1)	UG/L	2/21/2008	DLC
Xylenes	EPA-8021	ND(<3)	UG/L	2/21/2008	DLC
TPH-Diesel Range	NWTPH-DX	ND(<130)	UG/L	2/21/2008	EBS
TPH-Oil Range	NWTPH-DX	ND(<250)	UG/L	2/21/2008	EBS

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DATE: 2/25/2008
CCIL JOB #: 0802094
DATE RECEIVED: 2/20/2008
WDOE ACCREDITATION #: C1336

CLIENT CONTACT: THOM MORIN/DYLAN GALLOWAY
CLIENT PROJECT ID: 082203.6
CLIENT SAMPLE ID: 2/19/2008 11:55 MW-3
CCIL SAMPLE #: -03

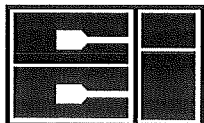
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	ND(<50)	UG/L	2/21/2008	DLC
Benzene	EPA-8021	ND(<1)	UG/L	2/21/2008	DLC
Toluene	EPA-8021	ND(<1)	UG/L	2/21/2008	DLC
Ethylbenzene	EPA-8021	ND(<1)	UG/L	2/21/2008	DLC
Xylenes	EPA-8021	ND(<3)	UG/L	2/21/2008	DLC
TPH-Diesel Range	NWTPH-DX	ND(<130)	UG/L	2/21/2008	EBS
TPH-Oil Range	NWTPH-DX	ND(<250)	UG/L	2/21/2008	EBS

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APPROVED BY:



CCI
ANALYTICAL
LABORATORIES
A Division of DataChem Laboratories, Inc.

CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD. SUITE 201
ISSAQUAH, WA 98027

DATE: 2/25/2008
CCIL JOB #: 0802094
DATE RECEIVED: 2/20/2008
WDOE ACCREDITATION #: C1336

CLIENT CONTACT: THOM MORIN/DYLAN GALLOWAY
CLIENT PROJECT ID: 082203.6
CLIENT SAMPLE ID: 2/19/2008 12:50 MW-4
CCIL SAMPLE #: -04

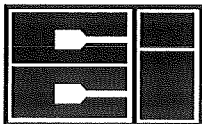
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	ND(<50)	UG/L	2/21/2008	DLC
Benzene	EPA-8021	ND(<1)	UG/L	2/21/2008	DLC
Toluene	EPA-8021	ND(<1)	UG/L	2/21/2008	DLC
Ethylbenzene	EPA-8021	ND(<1)	UG/L	2/21/2008	DLC
Xylenes	EPA-8021	ND(<3)	UG/L	2/21/2008	DLC
TPH-Diesel Range	NWTPH-DX	ND(<130)	UG/L	2/21/2008	EBS
TPH-Oil Range	NWTPH-DX	ND(<250)	UG/L	2/21/2008	EBS

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295 NE GILMAN BLVD. SUITE 201
ISSAQUAH, WA 98027

DATE: 2/25/2008
CCIL JOB #: 0802094
DATE RECEIVED: 2/20/2008
WDOE ACCREDITATION #: C1336

CLIENT CONTACT: THOM MORIN/DYLAN GALLOWAY
CLIENT PROJECT ID: 082203.6
CLIENT SAMPLE ID: 2/19/2008 13:45 MW-5
CCIL SAMPLE #: -05

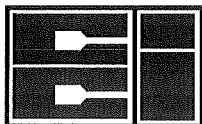
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	ND(<50)	UG/L	2/21/2008	DLC
Benzene	EPA-8021	ND(<1)	UG/L	2/21/2008	DLC
Toluene	EPA-8021	ND(<1)	UG/L	2/21/2008	DLC
Ethylbenzene	EPA-8021	ND(<1)	UG/L	2/21/2008	DLC
Xylenes	EPA-8021	ND(<3)	UG/L	2/21/2008	DLC
TPH-Diesel Range	NWTPH-DX	ND(<130)	UG/L	2/21/2008	EBS
TPH-Oil Range	NWTPH-DX	ND(<250)	UG/L	2/21/2008	EBS

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ISSAQUAH, WA 98027

DATE: 2/25/2008
CCIL JOB #: 0802094
DATE RECEIVED: 2/20/2008
WDOE ACCREDITATION #: C1336

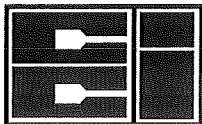
CLIENT CONTACT: THOM MORIN/DYLAN GALLOWAY
CLIENT PROJECT ID: 082203.6

QUALITY CONTROL RESULTS

SURROGATE RECOVERY

CCIL SAMPLE ID	METHOD	SUR ID	% RECV
0802094-01	NWTPH-GX	TFT	83
0802094-01	EPA-8021	TFT	99
0802094-01	NWTPH-DX	C25	90
0802094-02	NWTPH-GX	TFT	83
0802094-02	EPA-8021	TFT	98
0802094-02	NWTPH-DX	C25	91
0802094-03	NWTPH-GX	TFT	80
0802094-03	EPA-8021	TFT	101
0802094-03	NWTPH-DX	C25	84
0802094-04	NWTPH-GX	TFT	82
0802094-04	EPA-8021	TFT	95
0802094-04	NWTPH-DX	C25	84
0802094-05	NWTPH-GX	TFT	84
0802094-05	EPA-8021	TFT	101
0802094-05	NWTPH-DX	C25	91

APPROVED BY:



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CERTIFICATE OF ANALYSIS

CLIENT: ENVIRONMENTAL PARTNERS, INC.
295 NE GILMAN BLVD. SUITE 201
ISSAQUAH, WA 98027

DATE: 5/19/2008
CCIL JOB #: 0805109
DATE RECEIVED: 5/15/2008
WDOE ACCREDITATION #: C1336

CLIENT CONTACT: THOM MORIN/DYLAN GALLOWAY
CLIENT PROJECT ID: 082203.6
CLIENT SAMPLE ID: 5/14/2008 8:57 MW-5
CCIL SAMPLE #: -01

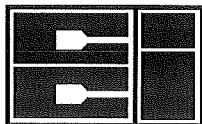
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	ND(<50)	UG/L	5/16/2008	DLC
Benzene	EPA-8021	ND(<1)	UG/L	5/16/2008	DLC
Toluene	EPA-8021	ND(<1)	UG/L	5/16/2008	DLC
Ethylbenzene	EPA-8021	ND(<1)	UG/L	5/16/2008	DLC
Xylenes	EPA-8021	ND(<3)	UG/L	5/16/2008	DLC
TPH-Diesel Range	NWTPH-DX	ND(<130)	UG/L	5/16/2008	EBS
TPH-Oil Range	NWTPH-DX	ND(<250)	UG/L	5/16/2008	EBS

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ISSAQUAH, WA 98027

DATE: 5/19/2008
CCIL JOB #: 0805109
DATE RECEIVED: 5/15/2008
WDOE ACCREDITATION #: C1336

CLIENT CONTACT: THOM MORIN/DYLAN GALLOWAY
CLIENT PROJECT ID: 082203.6
CLIENT SAMPLE ID: 5/14/2008 10:00 MW-4
CCIL SAMPLE #: -02

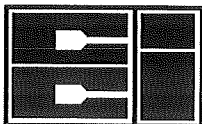
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	ND(<50)	UG/L	5/16/2008	DLC
Benzene	EPA-8021	ND(<1)	UG/L	5/16/2008	DLC
Toluene	EPA-8021	ND(<1)	UG/L	5/16/2008	DLC
Ethylbenzene	EPA-8021	ND(<1)	UG/L	5/16/2008	DLC
Xylenes	EPA-8021	ND(<3)	UG/L	5/16/2008	DLC
TPH-Diesel Range	NWTPH-DX	ND(<130)	UG/L	5/16/2008	EBS
TPH-Oil Range	NWTPH-DX	ND(<250)	UG/L	5/16/2008	EBS

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ISSAQUAH, WA 98027

DATE: 5/19/2008
CCIL JOB #: 0805109
DATE RECEIVED: 5/15/2008
WDOE ACCREDITATION #: C1336

CLIENT CONTACT: THOM MORIN/DYLAN GALLOWAY
CLIENT PROJECT ID: 082203.6
CLIENT SAMPLE ID: 5/14/2008 10:55 MW-3
CCIL SAMPLE #: -03

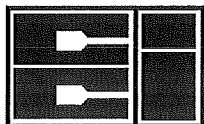
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	ND(<50)	UG/L	5/16/2008	DLC
Benzene	EPA-8021	ND(<1)	UG/L	5/16/2008	DLC
Toluene	EPA-8021	ND(<1)	UG/L	5/16/2008	DLC
Ethylbenzene	EPA-8021	ND(<1)	UG/L	5/16/2008	DLC
Xylenes	EPA-8021	ND(<3)	UG/L	5/16/2008	DLC
TPH-Diesel Range	NWTPH-DX	ND(<130)	UG/L	5/16/2008	EBS
TPH-Oil Range	NWTPH-DX	ND(<250)	UG/L	5/16/2008	EBS

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ISSAQUAH, WA 98027

DATE: 5/19/2008
CCIL JOB #: 0805109
DATE RECEIVED: 5/15/2008
WDOE ACCREDITATION #: C1336

CLIENT CONTACT: THOM MORIN/DYLAN GALLOWAY
CLIENT PROJECT ID: 082203.6
CLIENT SAMPLE ID: 5/14/2008 11:35 MW-2
CCIL SAMPLE #: -04

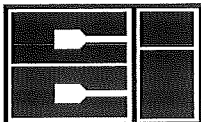
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	ND(<50)	UG/L	5/16/2008	DLC
Benzene	EPA-8021	ND(<1)	UG/L	5/16/2008	DLC
Toluene	EPA-8021	ND(<1)	UG/L	5/16/2008	DLC
Ethylbenzene	EPA-8021	ND(<1)	UG/L	5/16/2008	DLC
Xylenes	EPA-8021	ND(<3)	UG/L	5/16/2008	DLC
TPH-Diesel Range	NWTPH-DX	ND(<130)	UG/L	5/16/2008	EBS
TPH-Oil Range	NWTPH-DX	ND(<250)	UG/L	5/16/2008	EBS

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ISSAQUAH, WA 98027

DATE: 5/19/2008
CCIL JOB #: 0805109
DATE RECEIVED: 5/15/2008
WDOE ACCREDITATION #: C1336

CLIENT CONTACT: THOM MORIN/DYLAN GALLOWAY
CLIENT PROJECT ID: 082203.6
CLIENT SAMPLE ID: 5/14/2008 12:37 MW-1
CCIL SAMPLE #: -05

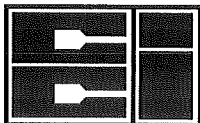
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	ND(<50)	UG/L	5/16/2008	DLC
Benzene	EPA-8021	ND(<1)	UG/L	5/16/2008	DLC
Toluene	EPA-8021	ND(<1)	UG/L	5/16/2008	DLC
Ethylbenzene	EPA-8021	ND(<1)	UG/L	5/16/2008	DLC
Xylenes	EPA-8021	ND(<3)	UG/L	5/16/2008	DLC
TPH-Diesel Range	NWTPH-DX	ND(<130)	UG/L	5/16/2008	EBS
TPH-Oil Range	NWTPH-DX	ND(<250)	UG/L	5/16/2008	EBS

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DATE: 5/19/2008
CCIL JOB #: 0805109
DATE RECEIVED: 5/15/2008
WDOE ACCREDITATION #: C1336

CLIENT CONTACT: THOM MORIN/DYLAN GALLOWAY
CLIENT PROJECT ID: 082203.6

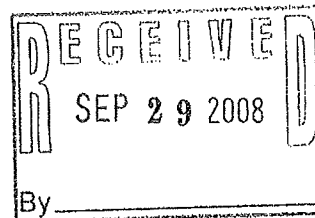
QUALITY CONTROL RESULTS

SURROGATE RECOVERY

CCIL SAMPLE ID	METHOD	SUR ID	% RECV
0805109-01	NWTPH-GX	TFT	86
0805109-01	EPA-8021	TFT	95
0805109-01	NWTPH-DX	C25	97
0805109-02	NWTPH-GX	TFT	88
0805109-02	EPA-8021	TFT	97
0805109-02	NWTPH-DX	C25	100
0805109-03	NWTPH-GX	TFT	97
0805109-03	EPA-8021	TFT	104
0805109-03	NWTPH-DX	C25	103
0805109-04	NWTPH-GX	TFT	98
0805109-04	EPA-8021	TFT	105
0805109-04	NWTPH-DX	C25	97
0805109-05	NWTPH-GX	TFT	99
0805109-05	EPA-8021	TFT	108
0805109-05	NWTPH-DX	C25	102

APPROVED BY:

082203.6



September 23, 2008

Thom Morin
Environmental Partners, Inc.
295 NE Gilman Blvd, Suite 201
Issaquah, WA 98027

Re: Analytical Data for Project 082203.6
Laboratory Reference No. 0809-033

Dear Thom:

Enclosed are the analytical results and associated quality control data for samples submitted on September 5, 2008.

Please note that page 2 is revised, and replaces the same page in the revised report. The narrative now indicates that the sample was extracted 1 day outside of hold time.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to be 'David Baumeister', written over a circular stamp or seal.

David Baumeister
Project Manager

Enclosures

Date of Report: September 23, 2008
Samples Submitted: September 5, 2008
Laboratory Reference: 0809-033
Project: 082203.6

Case Narrative

Samples were collected on September 5, 2008 and received by the laboratory on September 5, 2008. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Dx Analysis

The original diesel result for Sample MW-5 was likely elevated due to contamination in the extraction process. The sample was therefore re-extracted and found to be non-detect. The re-extraction occurred 1 day outside of sample hold time.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.



September 23, 2008

Thom Morin
Environmental Partners, Inc.
295 NE Gilman Blvd, Suite 201
Issaquah, WA 98027

Re: Analytical Data for Project 082203.6
Laboratory Reference No. 0809-033

Dear Thom:

Enclosed are the analytical results and associated quality control data for samples submitted on September 5, 2008.

Please note that this is a *revised* report and replaces the report dated September 11, 2008.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read 'David Baumeister', with a long horizontal line extending to the right.

David Baumeister
Project Manager

Enclosures

Date of Report: September 23, 2008
Samples Submitted: September 5, 2008
Laboratory Reference: 0809-033
Project: 082203.6

Case Narrative

Samples were collected on September 5, 2008 and received by the laboratory on September 5, 2008. They were maintained at the laboratory at a temperature of 2°C to 6°C except as noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Dx Analysis

The original diesel result for Sample MW-5 was likely elevated due to contamination in the extraction process. The sample was therefore re-extracted and found to be non-detect. The re-extraction occurred outside of sample hold time.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: September 23, 2008
Samples Submitted: September 5, 2008
Laboratory Reference: 0809-033
Project: 082203.6

NWTPH-Gx/BTEX

Date Extracted: 9-8-08
Date Analyzed: 9-8-08

Matrix: Water
Units: ug/L (ppb)

Client ID:	MW-1	MW-2
Lab ID:	09-033-01	09-033-02

	Result	Flags	PQL	Result	Flags	PQL
Benzene	ND		1.0	ND		1.0
Toluene	ND		1.0	ND		1.0
Ethyl Benzene	ND		1.0	ND		1.0
m,p-Xylene	ND		1.0	ND		1.0
o-Xylene	ND		1.0	ND		1.0
TPH-Gas	ND		100	ND		100
Surrogate Recovery:						
Fluorobenzene	91%			90%		

Date of Report: September 23, 2008
Samples Submitted: September 5, 2008
Laboratory Reference: 0809-033
Project: 082203.6

NWTPH-Gx/BTEX

Date Extracted: 9-8-08
Date Analyzed: 9-8-08

Matrix: Water
Units: ug/L (ppb)

Client ID: **MW-3**
Lab ID: 09-033-03

MW-4
09-033-04

	Result	Flags	PQL	Result	Flags	PQL
Benzene	ND		1.0	ND		1.0
Toluene	ND		1.0	ND		1.0
Ethyl Benzene	ND		1.0	ND		1.0
m,p-Xylene	ND		1.0	ND		1.0
o-Xylene	ND		1.0	ND		1.0
TPH-Gas	ND		100	ND		100
Surrogate Recovery:						
Fluorobenzene	97%			93%		

Date of Report: September 23, 2008
Samples Submitted: September 5, 2008
Laboratory Reference: 0809-033
Project: 082203.6

NWTPH-Gx/BTEX

Date Extracted: 9-8-08
Date Analyzed: 9-8-08

Matrix: Water
Units: ug/L (ppb)

Client ID: **MW-5**
Lab ID: 09-033-05

	Result	Flags	PQL
Benzene	ND		1.0
Toluene	ND		1.0
Ethyl Benzene	ND		1.0
m,p-Xylene	ND		1.0
o-Xylene	ND		1.0
TPH-Gas	ND		100
Surrogate Recovery:			
Fluorobenzene	90%		

Date of Report: September 23, 2008
Samples Submitted: September 5, 2008
Laboratory Reference: 0809-033
Project: 082203.6

**NWTPH-Gx/BTEX
METHOD BLANK QUALITY CONTROL**

Date Extracted: 9-8-08
Date Analyzed: 9-8-08

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0908W1

	Result	Flags	PQL
Benzene	ND		1.0
Toluene	ND		1.0
Ethyl Benzene	ND		1.0
m,p-Xylene	ND		1.0
o-Xylene	ND		1.0
TPH-Gas	ND		100
Surrogate Recovery:			
Fluorobenzene	100%		

Date of Report: September 23, 2008
Samples Submitted: September 5, 2008
Laboratory Reference: 0809-033
Project: 082203.6

**NWTPH-Gx/BTEX
DUPLICATE QUALITY CONTROL**

Date Extracted: 9-8-08
Date Analyzed: 9-8-08

Matrix: Water
Units: ug/L (ppb)

Lab ID:	09-033-03 Original	09-033-03 Duplicate	RPD	Flags
Benzene	ND	ND	NA	
Toluene	ND	ND	NA	
Ethyl Benzene	ND	ND	NA	
m,p-Xylene	ND	ND	NA	
o-Xylene	ND	ND	NA	
TPH-Gas	ND	ND	NA	
Surrogate Recovery: Fluorobenzene	97%	94%		

Date of Report: September 23, 2008
Samples Submitted: September 5, 2008
Laboratory Reference: 0809-033
Project: 082203.6

**NWTPH-Gx/BTEX
MS/MSD QUALITY CONTROL**

Date Extracted: 9-8-08
Date Analyzed: 9-8-08

Matrix: Water
Units: ug/L (ppb)

Spike Level: 50.0 ppb

Lab ID:	09-033-03 MS	Percent Recovery	09-033-03 MSD	Percent Recovery	RPD	Flags
Benzene	41.7	83	42.5	85	2	
Toluene	42.4	85	43.3	87	2	
Ethyl Benzene	42.4	85	43.4	87	2	
m,p-Xylene	42.5	85	43.3	87	2	
o-Xylene	42.8	86	44.0	88	3	

Surrogate Recovery:
Fluorobenzene 86% 85%

Date of Report: September 23, 2008
Samples Submitted: September 5, 2008
Laboratory Reference: 0809-033
Project: 082203.6

NWTPH-Dx

Date Extracted: 9-9-08
Date Analyzed: 9-9-08

Matrix: Water
Units: mg/L (ppm)

Client ID:	MW-1	MW-2	MW-3
Lab ID:	09-033-01	09-033-02	09-033-03
Diesel Range:	ND	ND	ND
PQL:	0.25	0.25	0.25
Identification:	---	---	---
Lube Oil Range:	ND	ND	ND
PQL:	0.40	0.40	0.40
Identification:	---	---	---
Surrogate Recovery			
o-Terphenyl:	96%	99%	95%
Flags:	Y	Y	Y

Date of Report: September 23, 2008
Samples Submitted: September 5, 2008
Laboratory Reference: 0809-033
Project: 082203.6

NWTPH-Dx

Date Extracted: 9-9-08
Date Analyzed: 9-9&20-08

Matrix: Water
Units: mg/L (ppm)

Client ID:	MW-4	MW-5
Lab ID:	09-033-04	09-033-05
Diesel Range:	ND	ND
PQL:	0.25	0.25
Identification:	---	---
Lube Oil Range:	ND	ND
PQL:	0.40	0.40
Identification:	---	---
Surrogate Recovery		
o-Terphenyl:	91%	105%
Flags:	Y	Y

Date of Report: September 23, 2008
Samples Submitted: September 5, 2008
Laboratory Reference: 0809-033
Project: 082203.6

**NWTPH-Dx
METHOD BLANK QUALITY CONTROL**

Date Extracted: 9-9-08
Date Analyzed: 9-9-08

Matrix: Water
Units: mg/L (ppm)

Lab ID: MB0909W1

Diesel Range: ND
PQL: 0.25

Identification: ---

Lube Oil Range: ND
PQL: 0.40

Identification: ---

Surrogate Recovery
o-Terphenyl: 102%

Flags: Y

Date of Report: September 23, 2008
Samples Submitted: September 5, 2008
Laboratory Reference: 0809-033
Project: 082203.6

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted: 9-20-08
Date Analyzed: 9-22-08

Matrix: Water
Units: mg/L (ppm)

Lab ID: MB0920W1

Diesel Range: **ND**
PQL: 0.25

Identification: ---

Lube Oil Range: **ND**
PQL: 0.40

Identification: ---

Surrogate Recovery
o-Terphenyl: 95%

Flags: Y

Date of Report: September 23, 2008
Samples Submitted: September 5, 2008
Laboratory Reference: 0809-033
Project: 082203.6

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 9-9-08
Date Analyzed: 9-9-08

Matrix: Water
Units: mg/L (ppm)

Lab ID: 09-033-01 09-033-01 DUP

Diesel Range: ND ND
PQL: 0.25 0.25

RPD: N/A

Surrogate Recovery
o-Terphenyl: 96% 93%

Flags: Y Y

Date of Report: September 23, 2008
Samples Submitted: September 5, 2008
Laboratory Reference: 0809-033
Project: 082203.6

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 9-20-08
Date Analyzed: 9-21&22-08

Matrix: Water
Units: mg/L (ppm)

Lab ID: SB0920W1 SB0920W1 DUP

Diesel Range: 1.13 1.17
PQL: 0.25 0.25

RPD: 4

Surrogate Recovery
o-Terphenyl: 117% 109%

Flags: Y Y



Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical _____.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- Y - Sample extract treated with an acid/silica gel cleanup procedure.
- Z -
- ND - Not Detected at PQL
- PQL - Practical Quantitation Limit
- RPD - Relative Percent Difference

