

GROUNDWATER MONITORING REPORT: APRIL AND JULY 2015

**PNEC Corp Former Bulk Petroleum Facility
Shepard Way NW & Bromley Place NW
Bainbridge Island, Kitsap County, Washington**

August 21, 2015
Project No. 81147093B

Prepared for:
PNEC Corp dba SC Fuels
Orange, California

Prepared by:
Terracon Consultants, Inc.
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Mountlake Terrace, WA 98042

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August 21, 2015

SC Fuels/PNEC Corp
1800 West Katella Avenue, Suite 400
Orange, California 92867

Attn: Mr. De Holbrook

Re: Groundwater Monitoring Report – April and July 2015
PNEC Corp Former Bulk Petroleum Facility
Shepard Way NW & Bromley Place NW
Bainbridge Island, Kitsap County, Washington
Terracon Project No. 81147093B

Dear Mr. Holbrook:

Terracon Consultants, Inc. (Terracon) is pleased to submit this Groundwater Monitoring Report for the above referenced site. This work was performed in general accordance with Terracon Proposal No. P81150111 dated April 3, 2015, and the terms, conditions and limitations in the Environmental Consulting Agreement between Terracon Consultants, Inc. and Pacific Northwest Energy Corporation (PNEC Corp), d.b.a. SC Fuels, dated April 3, 2015.

We appreciate the opportunity to perform these services for SC Fuels/PNEC Corp. Please contact either of the undersigned at 425-771-3304 if you have questions regarding the information provided in the report.

Sincerely,
Terracon

Jamie L. Hoffman, P.G.
Senior Staff Geologist

Michael D. Noll, L.G., L.H.G.
Senior Project Manager



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GROUNDWATER MONITORING REPORT – APRIL AND JULY 2015

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**Terracon Project No. 81147093B
August 21, 2015**

1.0 INTRODUCTION

This groundwater monitoring report documents additional post-groundwater treatment sampling activities that were conducted at the PNEC Corp Former Bulk Petroleum Facility site (Site), located on the southwest corner of Shepard Way NW & Bromley Place NW in Bainbridge Island, Kitsap County, Washington. Groundwater sampling was performed in April and July 2015. The property (Kitsap County Parcel No. 272502-4-005-2011) covers approximately 0.9 acres. A Topographic Map is included as Figure 1 that shows the Site in relation to the surrounding area. Figure 2 presents the locations of the monitoring wells and former features at the Site. Figure 3 depicts the April 2015 groundwater migration direction. Figure 4 depicts the July 2015 groundwater migration direction.

1.1 Scope of Work

Terracon Consultants, Inc. (Terracon) conducted follow-up groundwater monitoring at select wells, in general accordance with Terracon Proposal No. P81150111 dated April 3, 2015, and the terms, conditions and limitations in the Environmental Consulting Agreement between Terracon Consultants, Inc. and PNEC Corp., d.b.a. SC Fuels, dated April 3, 2015.

Terracon completed a Washington Department of Ecology (Ecology) underground injection control (UIC) site well registration for remediation well RW-1, and injected Regenesix RegenOx® Part A and Part B solution into RW-1 in an effort to treat site groundwater for residual diesel-range petroleum hydrocarbon impacts at nearby site groundwater monitoring wells MW-2A and MW-5. After a period of approximately three weeks, Terracon began follow-up groundwater monitoring at wells MW-2A, MW-5, and RW-1 to further evaluate concentrations of diesel-range total petroleum hydrocarbons (TPH) at the Site.



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The groundwater remedial treatment work was performed as an independent action intended to meet the requirements of the Washington State Model Toxics Control Act (MTCA) Cleanup Regulation, as established in Chapter 173-340 of the Washington Administrative Code (WAC173-340), in order to achieve regulatory closure. Work was performed in general accordance with MTCA and the *Guidance for Remediation of Petroleum Contaminated Sites*, Ecology Publication No. 10-09-057, dated September 2011.

This report includes a description of the second and third post-injection groundwater sample collection activities, tables showing current and historical depth to groundwater measurements and analytical results, and copies of the analytical laboratory reports with chain-of-custody documentation.

1.2 Standard of Care

Terracon's services were performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area during the same time period. Please note that Terracon does not warrant the work of laboratories, regulatory agencies or other third parties supplying information used in the preparation of the report. These groundwater remedial treatment and follow-up monitoring services were performed in accordance with the scope of work agreed with you, our client, as reflected in our proposal.

1.3 Additional Scope Limitations

This report was intended to reduce, but not eliminate, uncertainty regarding the existence of recognized environmental conditions in connection with the subject site. Findings, conclusions and recommendations resulting from these services are based upon information derived from the on-site activities and other services performed under this scope of work; such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, non-detectable or not present during these services, and we cannot represent that the site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this groundwater sampling event. Subsurface conditions may vary from those encountered at the time of construction or at specific borings or wells or during other surveys, tests, assessments, investigations or exploratory services. The data, interpretations, findings, and our recommendations are based solely upon data obtained at the time and within the scope of these services. If, during future site development, different subsurface conditions from those encountered during our explorations are observed or appear to be present, we must be advised promptly so that we can review

these conditions and reconsider or modify our conclusions and recommendations where necessary.

1.4 Reliance

This report has been prepared for the exclusive use and reliance of PNEC Corp/SC Fuels. Use or reliance by any other party is prohibited without the written authorization of PNEC Corp/SC Fuels and Terracon.

Reliance on this report by the client and all authorized parties will be subject to the terms, conditions and limitations stated in this report and Terracon's agreement for services. The limitation of liability defined in the terms and conditions is the aggregate limit of Terracon's liability to the client and all relying parties unless otherwise agreed in writing.

2.0 SITE HISTORY AND PREVIOUS SAMPLING EVENTS

A former on-site bulk petroleum storage facility was constructed about 1970, and was used primarily for heating oil storage. PNEC Corp purchased the Site in June 1997. Former site AST, pumping station, and overhead loading rack structures were removed in 1997. The attached Figure 2 Site Diagram shows the approximate locations of former site features.

Five groundwater monitoring wells (MW-1 through MW-5) were installed at the Site by others in June 2001 (Figure 2). Well MW-2 was excavated and removed during petroleum-contaminated soil (PCS) excavation work in March 2003, and replacement well MW-2A and remediation well RW-1 were installed at that time. Measured depth to groundwater in the wells has ranged from approximately 4 to 11 feet below the top of the well casing (TOC), with an inferred groundwater flow direction that varies, but flows mainly toward the south and southwest. Groundwater samples were collected from the wells on a quarterly or annual basis between 2001 and 2007. Samples were analyzed for gasoline-, diesel-, and oil-range TPH; benzene, toluene, ethylbenzene, and xylenes (BTEX); volatile organic hydrocarbons (VOCs); polycyclic aromatic hydrocarbons (PAHs); and/or total and dissolved lead. Diesel-range TPH (1,100 micrograms per liter [µg/L]) was detected in well MW-5 in June 2007, at a concentration exceeding the MTCA Method A cleanup level (500 µg/L). All other laboratory analytical results for the groundwater samples collected from the site wells in June 2007 were below the MTCA Method A or Method B cleanup levels. Historical groundwater data collected from the Site in 2006 and 2007 are included in Table 1 and Table 2.

Terracon collected groundwater samples from wells MW-1, MW-2A, MW-3, MW-4, MW-5, and RW-1 in August 2014. Prior to that sampling event, no groundwater samples had been collected from the Site since June 2007. The results were documented in our report, *Groundwater Monitoring Report: August 2014*, dated September 30, 2014. Diesel-range TPH was identified in the samples collected from groundwater monitoring wells MW-2A and MW-5 at concentrations of 920 µg/L and 800 µg/L, respectively, exceeding the MTCA Method A cleanup level. Gasoline-range TPH, BTEX compounds, and total lead were not identified above the laboratory method reporting limits (MRLs) in any of the samples collected. The groundwater flow direction was generally toward the south and southwest, consistent with previous results. It appeared that the groundwater in the vicinity of monitoring wells MW-2A and MW-5 remained impacted with residual diesel-range TPH.

In January 2015, Terracon completed remedial injections on the Site. Approximately 360 pounds of RegenOx® Part A and 240 pounds of RegenOx® Part B were mixed with 1,325 gallons of potable water. The RegenOx® Part A and Part B were mixed in batches, at a ratio of approximately 1 pound RegenOx® Part A or Part B to 2 to 3 gallons of water, for a concentration of approximately 3.5% to 4.5%. The RegenOx® Part A and Part B mixtures were pumped into well RW-1 at a pumping rate of approximately 4 gallon per minute (gpm).

After a period of approximately three weeks following the RegenOx® Part A and Part B injections, Terracon measured depth to groundwater and collected groundwater samples from wells MW-2A, MW-5, and RW-1. The groundwater sample collected from MW-5 had a diesel-range TPH concentration of 1,200 µg/L and an oil-range TPH concentration of 560 µg/L, both exceeding the Model Toxics Control Act (MTCA) Method A cleanup level of 500 µg/L.

3.0 GROUNDWATER SAMPLING

On April 9 and July 1, 2015, Terracon measured depth to groundwater and collected groundwater samples from wells MW-2A, MW-5, and RW-1. Depth to groundwater in each well was measured prior to sample collection. The water level probe was cleaned using an Alconox® wash and distilled water rinse before use in each well.

The wells were purged using a peristaltic pump equipped with clean tubing. Low-flow groundwater discharge rates were maintained during purging in order to minimize the drawdown of the water level in the wells. Groundwater parameters (pH, temperature, specific conductance, and dissolved oxygen) were measured during well purging using a multifunction meter and a flow-through cell. Samples were collected when all parameters were within 10% for two consecutive readings.

The purge water was stored onsite in a steel, Department of Transportation (DOT) approved, 55-gallon drum. The drum was properly labeled and left onsite near well MW-1 pending receipt of laboratory analytical results. Following the stabilization of measured groundwater parameters, samples were collected utilizing the peristaltic pump. Discharge from the peristaltic pump was directed into laboratory provided glassware. Each sample container was labeled with the site name, date, time, and well/sample number.

3.1 April 2015 Groundwater Sampling Event

Measured depth to water ranged from 3.85 feet below TOC at well MW-3 to 5.21 feet below TOC at well RW-1 (Table 1). Measured depth to groundwater and TOC elevation data relative to a site datum were used to determine the relative groundwater elevation at each well. Based on groundwater level measurements collected during the April 2015 groundwater sampling event, groundwater flow direction at the Site was generally to the south and southwest (Figure 3).

Purge volumes were approximately 0.5 gallons from wells MW-2A, MW-5, and RW-1. The purge water from wells MW-2A and MW-5 was clear, with no sediment. The RW-1 purge water was light orange. No hydrocarbon-like odor was observed in the purge water from any of the wells.

3.2 July 2015 Groundwater Sampling Event

Measured depth to water ranged from 6.93 feet below TOC at well MW-3 to 8.53 feet below TOC at well MW-1 (Table 1). Measured depth to groundwater and TOC elevation data relative to a site datum were used to determine the relative groundwater elevation at each well. Based on groundwater level measurements collected during the July 2015 groundwater sampling event, groundwater flow direction at the Site was generally to the south and southeast (Figure 4).

Purge volumes were approximately 0.5 gallons from wells MW-2A, MW-5, and RW-1. The purge water from wells MW-2A and MW-5 was clear, with no sediment. The RW-1 purge water was dark brown. No hydrocarbon-like odor was observed in the purge water from any of the wells.

3.3 Analytical Laboratory Testing

Groundwater samples from the April 2015 sampling event were delivered to Pace Analytical Services, Inc. in Minneapolis, Minnesota, and groundwater samples from the July 2015 sampling event were delivered to ALS Laboratory Group in Everett,

Washington. Both laboratories are Washington-accredited analytical laboratories. The groundwater samples were submitted for laboratory analysis for the following:

- Diesel- and oil-range TPH via Northwest Method NWTPH-Dx.

The executed chain-of-custody forms and laboratory analytical certificates are provided in Appendix A. All analyses were completed using standard turnaround times.

3.3 Quality Assurance/Quality Control Results

The analytical results for the current investigation were checked for completeness immediately upon receipt from the laboratory to ensure that data and QA/QC information requested were present. Data quality was assessed by considering hold times, surrogate recovery, method blanks, matrix spike and matrix spike duplicate (MS/MSD) recovery, and detection limits. QA/QC review was completed using guidance described in *USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review* (Draft Final, USEPA, 2005). Our evaluation assumes that the QA/QC is correct as reported by the laboratory, and merely provides an interpretation of the QA/QC results

- Hold Times: All analyses were completed within specified hold times.
- Surrogate Recoveries: All surrogate recoveries were within laboratory limits.
- Method Blanks: Analytes were not detected in any of the laboratory method blanks.
- MS/MSD Results: MS and MSD recoveries were all within laboratory limits, and Relative Percent Differences (RPDs) between MS and MSD recoveries were all within laboratory limits.
- Laboratory Reporting Limits: Reporting limits were below relevant MTCA cleanup levels.

Based upon our interpretation of quality control information provided by the laboratory, it is our opinion that the overall datasets are useable as qualified for the purposes of these groundwater sampling events.

4.0 LABORATORY ANALYTICAL RESULTS

A summary of analytical results for groundwater quality from the April 2015 and July 2015 sampling events area presented in Table 2. The results are tabulated, with the state cleanup levels included for comparison. The complete laboratory reports and chain-of-custody forms for analytical results from these sampling events are included in Appendix A.

April 2015 Diesel- and Oil-Range Organics

Diesel-range TPH was identified above the laboratory reporting limit in the samples collected from monitoring well MW-5 and remediation well RW-1. Diesel-range TPH was detected in the sample taken from MW-5 at a concentration of 940 µg/L, and from RW-1 at a concentration of 540 µg/L, both exceeding the MTCA Method A cleanup level of 500 µg/L. No oil-range TPH was detected in the samples above the laboratory method reporting limit (MRL).

July 2015 Diesel- and Oil-Range Organics

Diesel-range TPH was identified above the laboratory reporting limit in each of the samples. The samples contained diesel-range TPH at concentrations ranging from 510 µg/L in monitoring well MW-2A to 870 µg/L in remediation well RW-1, exceeding the MTCA Method A cleanup level of 500 µg/L. No oil-range TPH was detected in the samples above the laboratory MRL.

5.0 FINDINGS AND CONCLUSIONS

Wells MW-2A, MW-5, and RW-1 were sampled in April and July 2015, approximately 3 and 5 months following the RegenOx® injections.

Based on the results of the groundwater sampling events completed in April and July 2015, the findings and conclusions of this report are as follows:

- In April 2015, diesel-range TPH were identified in the sample collected from wells MW-5 and RW-1 at concentrations of 940 µg/L and 540 µg/L, respectively, exceeding the MTCA Method A cleanup level of 500 µg/L.
- In July 2015, diesel-range TPH was identified in the samples collected from wells MW-2A, MW-5, and RW-1 at concentrations ranging from 510 µg/L to 870 µg/L, exceeding the MTCA Method A cleanup level of 500 µg/L.
- The groundwater flow direction is generally toward the south.

It appears that the groundwater in the vicinity of wells MW-2A, MW-5, and RW-1 remains impacted with diesel-range petroleum hydrocarbons. Increases in diesel-range TPH concentrations during the July 2015 event are likely related to a seasonal variation in the groundwater table.

6.0 RECOMMENDATIONS

Based on the results of the groundwater monitoring conducted at the Site, Terracon recommends that additional remedial treatment and/or groundwater sampling be conducted at the site.

FIGURES

Figure 1 - Topographic Map

Figure 2 - Site Diagram

Figure 3 – Groundwater Contour Map – April 9, 2015

Figure 4 – Groundwater Contour Map – July 1, 2015



USGS Suquamish, WA, 7.5-minute Quadrangles, 1981.

LEGEND:



APPROXIMATE SITE
BOUNDARY

Project Mngr:	MDN	Project No.	81147093
Drawn By:	SAB	Scale:	Not to Scale
Checked By:	MDN	File No.	
Approved By:	MYW	Date:	September 2014

Terracon
Consulting Engineers and Scientists

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TOPOGRAPHIC MAP

Former PNEC Bulk Petroleum Facility
Shepard Way NW & Bromley Place NW
Bainbridge Island, Kitsap County, Washington

FIG. No.

1



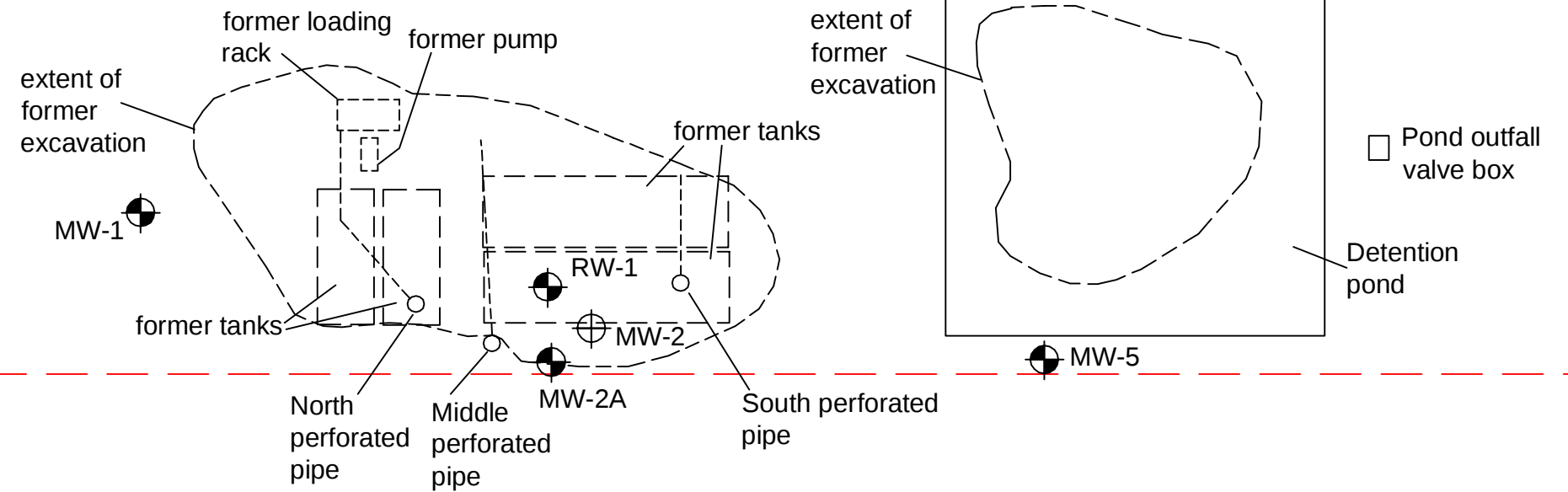
Bromley Place NW

Leslie Landing residences

Eagle Harbor

gravel path / trail

Shepard Way NW



LEGEND:

 APPROXIMATE SITE BOUNDARY

 MW-1 MONITORING WELL NUMBER AND APPROXIMATE LOCATION

 MW-2 FORMER MONITORING WELL LOCATION

Project Mng:	MDN	Project No.	81147093
Drawn By:	SAB	Scale:	Not to Scale
Checked By:	MDN	File No.	
Approved By:	MYW	Date:	September 2014

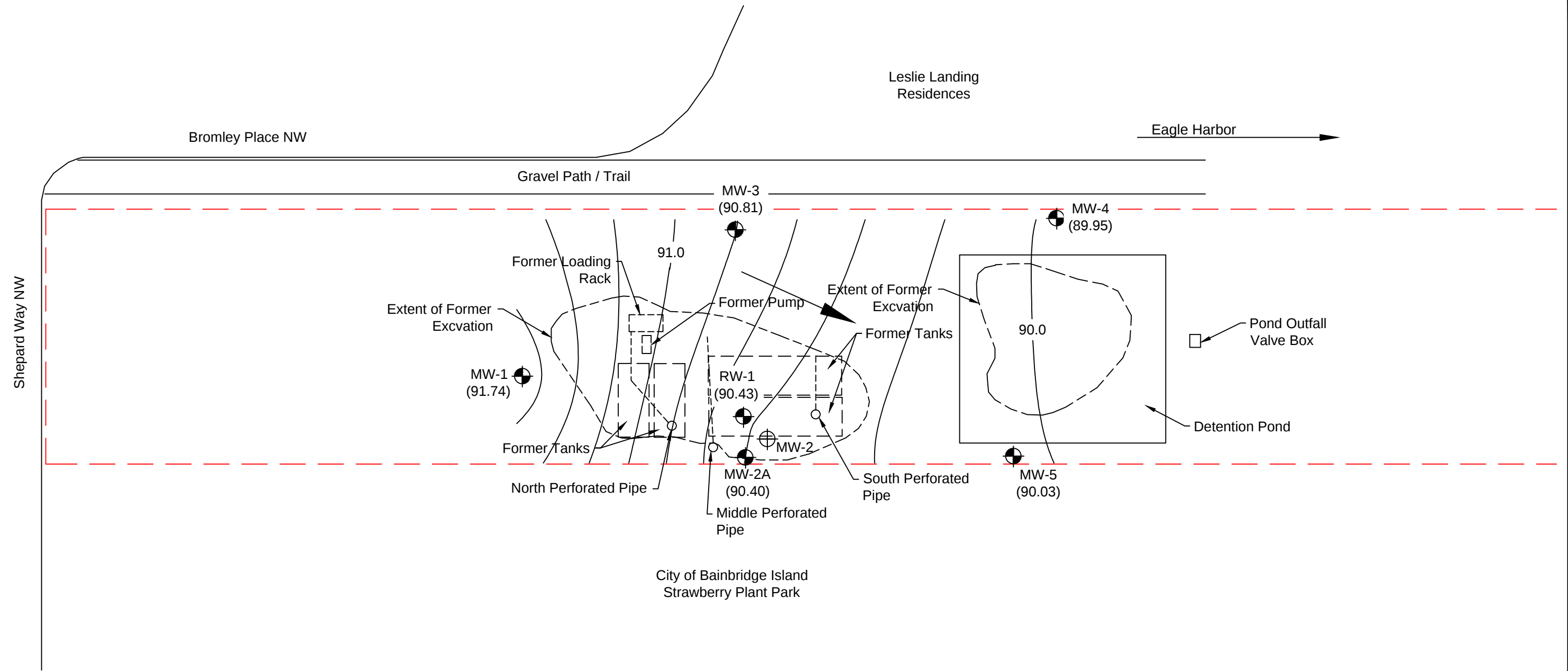
Terracon
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SITE DIAGRAM

Former PNEC Bulk Petroleum Facility
Shepard Way NW & Bromley Place NW
Bainbridge Island, Kitsap County, Washington

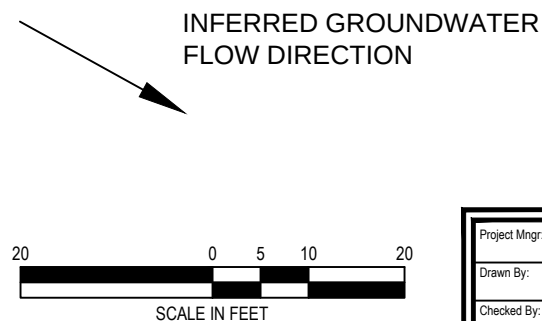
FIG. No.

2



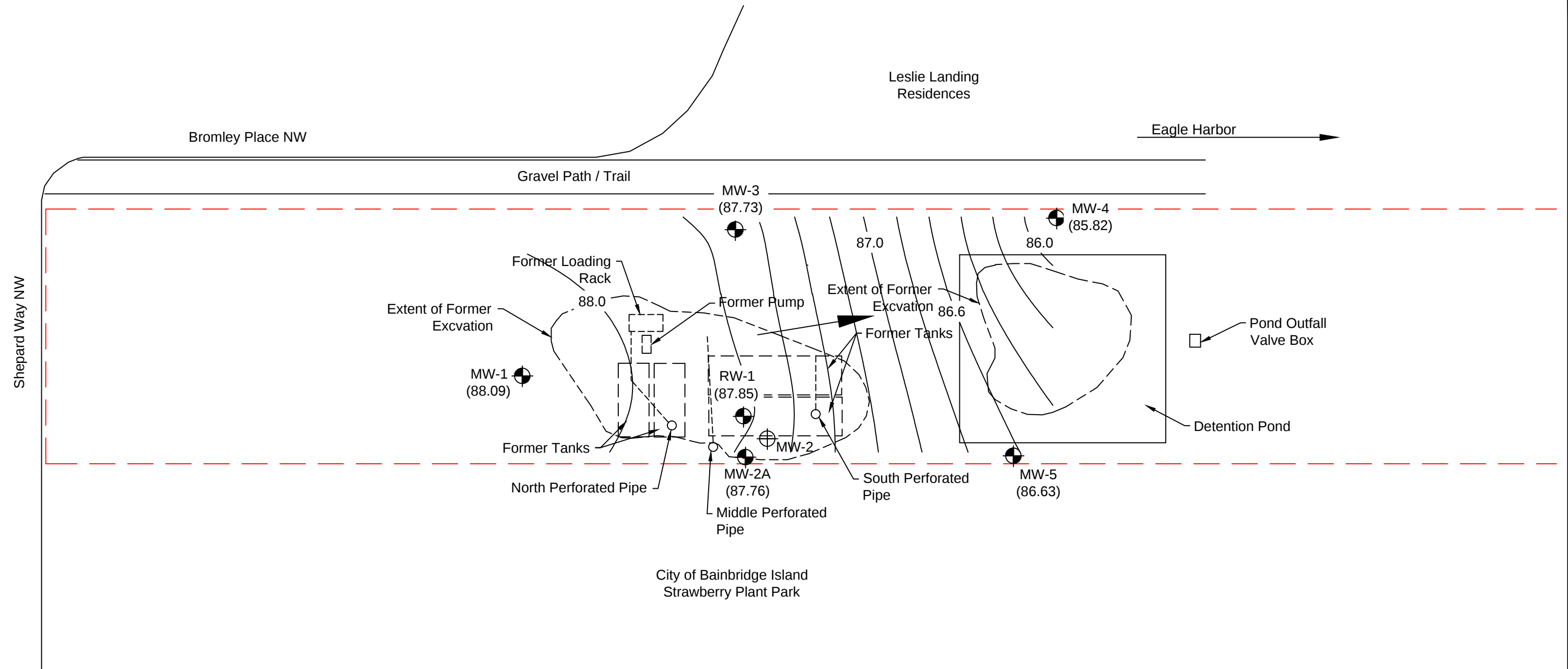
LEGEND:

- APPROXIMATE SITE BOUNDARY
- MW-1**
(91.74) MONITORING WELL NUMBER AND APPROXIMATE LOCATION
(Groundwater elevation, April 9, 2015)
- MW-2**
FORMER MONITORING WELL LOCATION



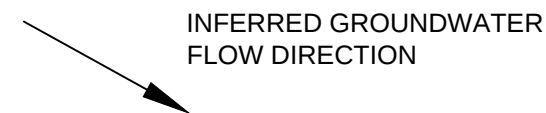
— 91.0 — GROUNDWATER CONTOUR (feet)

Project Mngr: MDN		Project No. 81147093		Terracon Consulting Engineers and Scientists 21905 64th Avenue W, Ste 100 Mountlake Terrace, WA 98043 PH. (425) 771-3304 FAX. (425) 771-3549	GROUNDWATER CONTOUR MAP - April 9, 2015		FIG. No.
Drawn By: SAB/RMS		Scale: AS SHOWN			Former PNEC Bulk Petroleum Facility Shepard Way NW & Bromley Place NW		3
Checked By: MDN		File No. figure2.dwg			Bainbridge Island, Kitsap County, Washington		
Approved By: MYW		Date: August 2015					



LEGEND:

-  APPROXIMATE SITE BOUNDARY
-  **MW-1**
(88.09) MONITORING WELL NUMBER AND APPROXIMATE LOCATION
(Groundwater elevation, July 1, 2015)
-  **MW-2**
FORMER MONITORING WELL LOCATION



— 88.0 — GROUNDWATER CONTOUR (feet)

Project Mng'r:	MDN	Project No.	81147093
Drawn By:	SAB/RMS	Scale:	AS SHOWN
Checked By:	MDN	File No.	figure2.dwg
Approved By:	MYW	Date:	August 2015

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GROUNDWATER CONTOUR MAP - July 1, 2015

Former PNEC Bulk Petroleum Facility
Shepard Way NW & Bromley Place NW
Bainbridge Island, Kitsap County, Washington

FIG. No.

4

TABLES

Table 1 – Summary of Depth to Groundwater Measurements

Table 2 – Summary of Groundwater Analytical Results

TABLE 1

SUMMARY OF DEPTH TO GROUNDWATER MEASUREMENTS

PNEC Former Bulk Petroleum Facility

Shepard Way NW and Bromley Place NW

Bainbridge Island, Kitsap County, Washington

Well Number	Sampling Date	TOC Elevation (Feet)	Depth to Water (Feet)	Relative Groundwater Elevation (Feet)
MW-1 screened 4.8-14.8 feet	9/13/2006	96.62	9.40	87.22
	12/20/2006		3.85	92.77
	3/26/2007		4.49	92.13
	6/18/2007		7.08	89.54
	8/19/2014		9.00	87.62
	8/21/2014		9.09	87.53
	4/9/2015		4.88	91.74
	7/1/2015		8.53	88.09
MW-2A screened 4.8-14.8 feet	9/13/2006	95.37	8.88	86.49
	12/20/2006		4.46	90.91
	3/26/2007		4.79	90.58
	6/18/2007		6.78	88.59
	8/19/2014		8.24	87.13
	8/21/2014		8.31	87.06
	2/11/2015		3.83	91.54
	4/9/2015		4.97	90.40
	7/1/2015		7.61	87.76
MW-3 screened 5-15 feet	9/13/2006	94.66	7.40	87.26
	12/20/2006		3.95	90.71
	3/26/2007		3.41	91.25
	6/18/2007		5.77	88.89
	8/19/2014		7.19	87.47
	8/21/2014		7.30	87.36
	4/9/2015		3.85	90.81
	7/1/2015		6.93	87.73
MW-4 screened 4.9-14.9 feet	9/13/2006	94.15	9.65	84.50
	12/20/2006		3.34	90.81
	3/26/2007		3.91	90.24
	6/18/2007		6.90	87.25
	8/19/2014		8.76	85.39
	8/21/2014		8.94	85.21
	4/9/2015		4.20	89.95
	7/1/2015		8.33	85.82
MW-5 screened 5.2-15.2 feet	9/13/2006	94.64	11.60	83.04
	12/20/2006		3.97	90.67
	3/26/2007		4.28	90.36
	6/18/2007		6.10	88.54
	8/19/2014		10.48	84.16
	8/21/2014		10.71	83.93
	2/11/2015		3.82	90.82
	4/9/2015		4.61	90.03
	7/1/2015		8.01	86.63
RW-1 screened 4.7-14.7 feet	9/13/2006	95.64	8.80	86.84
	12/20/2006		4.70	90.94
	3/26/2007		5.03	90.61
	6/18/2007		7.02	88.62
	8/19/2014		8.40	87.24
	8/21/2014		8.45	87.19
	2/11/2015		4.06	91.58
	4/9/2015		5.21	90.43
	7/1/2015		7.79	87.85

TOC: top of casing

NM : not measured

Goldsmith surveyed TOC on all groundwater monitoring wells for the April sampling event

All the monitoring wells are 2-inch diameter

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

PNEC Former Bulk Petroleum Facility

Shepard Way NW and Bromley Place NW

Bainbridge Island, Kitsap County, Washington

all concentrations are in µg/l (micrograms per liter)

Sample Name	Sample Date	TPH			BTEX				MTBE
		Gasoline-Range	Diesel-Range	Oil-Range	Benzene	Toluene	Ethylbenzene	Xylenes	
MW-1	9/13/2006	ND (<48)	160	150	ND (<0.5)	ND (<0.7)	ND (<0.7)	ND (<0.8)	ND (<0.5)
	12/20/2006	ND (<48)	ND (<76)	ND (<95)	ND (<0.5)	ND (<0.7)	ND (<0.8)	ND (<0.8)	ND (<0.5)
	3/26/2007	ND (<240)	ND (<75)	ND (<94)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)
	6/18/2007	ND (<50)	ND (<76)	ND (<95)	ND (<0.5)	ND (<0.7)	ND (<0.8)	ND (<0.8)	ND (<0.5)
	8/21/2014	ND (<100)	ND (<100)	ND (<250)	ND (<0.50)	ND (<5.0)	ND (<0.50)	ND (<1.5)	--
MW-2A	9/13/2006	300	2,700	530	ND (<0.5)	ND (<0.7)	2	ND (<0.8)	ND (<0.5)
	12/20/2006	ND (<48)	280	ND (<95)	ND (<0.5)	ND (<0.7)	ND (<0.8)	ND (<0.8)	ND (<0.5)
	3/26/2007	ND (<48)	300	120	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)
	6/18/2007	ND (<50)	330	ND (<95)	ND (<0.5)	ND (<0.7)	ND (<0.8)	ND (<0.8)	ND (<0.5)
	8/21/2014	ND (<100)	920	360	ND (<0.50)	ND (<5.0)	ND (<0.50)	ND (<1.5)	--
	2/11/2015	--	330	ND <250	--	--	--	--	--
	4/9/2015	--	ND (<400)	ND (<400)	--	--	--	--	--
	7/1/2015	--	510	ND (<250)	--	--	--	--	--
MW-3	9/13/2006	ND (<48)	88	97	ND (<0.5)	ND (<0.7)	ND (<0.8)	ND (<0.8)	ND (<0.5)
	12/20/2006	ND (<48)	88	ND (<95)	ND (<0.5)	ND (<0.7)	ND (<0.8)	ND (<0.8)	ND (<0.5)
	3/26/2007	ND (<48)	ND (<75)	ND (<94)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)
	6/18/2007	ND (<50)	ND (<76)	ND (<95)	ND (<0.5)	ND (<0.7)	ND (<0.8)	ND (<0.8)	ND (<0.5)
	8/21/2014	ND (<100)	ND (<100)	ND (<250)	ND (<0.50)	ND (<5.0)	ND (<0.50)	ND (<1.5)	--

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

PNEC Former Bulk Petroleum Facility

Shepard Way NW and Bromley Place NW

Bainbridge Island, Kitsap County, Washington

all concentrations are in µg/l (micrograms per liter)

Sample Name	Sample Date	TPH			BTEX				MTBE
		Gasoline-Range	Diesel-Range	Oil-Range	Benzene	Toluene	Ethylbenzene	Xylenes	
MW-4	9/13/2006	ND (<48)	390	200	ND (<0.5)	ND (<0.7)	ND (<0.8)	ND (<0.8)	ND (<0.5)
	12/20/2006	ND (<48)	230	110	ND (<0.5)	ND (<0.7)	ND (<0.8)	ND (<0.8)	ND (<0.5)
	3/26/2007	ND (<48)	150	ND (<95)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)
	6/18/2007	ND (<50)	430	ND (<95)	ND (<0.5)	ND (<0.7)	ND (<0.8)	ND (<0.8)	ND (<0.5)
	8/21/2014	ND (<100)	410	270	ND (<0.50)	ND (<5.0)	ND (<0.50)	ND (<1.5)	--
MW-5	9/13/2006	61	840	230	ND (<0.5)	12	ND (<0.8)	ND (<0.8)	ND (<0.5)
	12/20/2006	200	2,000	390	ND (<0.5)	8	ND (<0.8)	ND (<0.8)	ND (<0.5)
	3/26/2007	250	1,300	300	ND (<0.5)	0.7	ND (<0.5)	ND (<0.5)	ND (<0.5)
	6/18/2007	130	1,100	120	ND (<0.5)	ND (<0.7)	ND (<0.8)	ND (<0.8)	ND (<0.5)
	8/21/2014	ND (<100)	800	ND (<500)	ND (<0.50)	ND (<5.0)	ND (<0.50)	ND (<1.5)	--
	2/11/2015	--	1200	560	--	--	--	--	--
	4/9/2015	--	940	ND (<400)	--	--	--	--	--
	7/1/2015	--	620	ND (<250)	--	--	--	--	--

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

PNEC Former Bulk Petroleum Facility

Shepard Way NW and Bromley Place NW

Bainbridge Island, Kitsap County, Washington

all concentrations are in µg/l (micrograms per liter)

Sample Name	Sample Date	TPH			BTEX				MTBE
		Gasoline-Range	Diesel-Range	Oil-Range	Benzene	Toluene	Ethylbenzene	Xylenes	
RW-1	9/13/2006	ND (<48)	ND (<77)	ND (<96)	ND (<0.5)	ND (<0.7)	ND (<0.8)	ND (<0.8)	ND (<0.5)
	12/20/2006	ND (<48)	180	ND (<96)	ND (<0.5)	ND (<0.7)	ND (<0.8)	ND (<0.8)	ND (<0.5)
	3/26/2007	ND (<48)	210	ND (<95)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)
	6/18/2007	ND (<50)	280	ND (<96)	ND (<0.5)	ND (<0.7)	ND (<0.8)	ND (<0.8)	ND (<0.5)
	8/21/2014	ND (<100)	210	ND (<250)	ND (<0.50)	ND (<5.0)	ND (<0.50)	ND (<1.5)	--
	2/11/2015	--	410	ND (<250)	--	--	--	--	--
	4/9/2015	--	540	ND (<400)	--	--	--	--	--
	7/1/2015	--	870	ND (<250)	--	--	--	--	--
MTCA Method A Cleanup Level		1,000 ¹	500	500	5	1,000	700	1,000	20

- Note:
- Concentrations detected are in **BOLD** type.
 - Shaded and **BOLD** concentrations are above MTCA cleanup levels.
- TPH - Total petroleum hydrocarbons
- MTBE - Methyl tert butyl ether
- MTCA - Model Toxics Control Act
- 1 - No detectable benzene in ground water
- - Not tested
- ND - Not detected above laboratory reporting limit

Appendix A

Analytical Reports and Chain-of-Custody Documentation

April 22, 2015

Michael Noll
Terracon
21905 64th Ave. W.
Suite 100
Mountlake Terrace, WA 98043

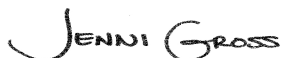
RE: Project: 81147093B PNEC CORP FORMER
Pace Project No.: 10302425

Dear Michael Noll:

Enclosed are the analytical results for sample(s) received by the laboratory on April 11, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Jennifer Gross
jennifer.gross@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
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CERTIFICATIONS

Project: 81147093B PNEC CORP FORMER

Pace Project No.: 10302425

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414

A2LA Certification #: 2926.01

Alaska Certification #: UST-078

Alaska Certification #MN00064

Alabama Certification #40770

Arizona Certification #: AZ-0014

Arkansas Certification #: 88-0680

California Certification #: 01155CA

Colorado Certification #Pace

Connecticut Certification #: PH-0256

EPA Region 8 Certification #: 8TMS-L

Florida/NELAP Certification #: E87605

Guam Certification #:14-008r

Georgia Certification #: 959

Georgia EPD #: Pace

Idaho Certification #: MN00064

Hawaii Certification #MN00064

Illinois Certification #: 200011

Indiana Certification#C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky Dept of Envi. Protection - DW #90062

Kentucky Dept of Envi. Protection - WW #:90062

Louisiana DEQ Certification #: 3086

Louisiana DHH #: LA140001

Maine Certification #: 2013011

Maryland Certification #: 322

Michigan DEPH Certification #: 9909

Minnesota Certification #: 027-053-137

Mississippi Certification #: Pace

Montana Certification #: MT0092

Nevada Certification #: MN_00064

Nebraska Certification #: Pace

New Jersey Certification #: MN-002

New York Certification #: 11647

North Carolina Certification #: 530

North Carolina State Public Health #: 27700

North Dakota Certification #: R-036

Ohio EPA #: 4150

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507

Oregon Certification #: MN200001

Oregon Certification #: MN300001

Pennsylvania Certification #: 68-00563

Puerto Rico Certification

Saipan (CNMI) #:MP0003

South Carolina #:74003001

Texas Certification #: T104704192

Tennessee Certification #: 02818

Utah Certification #: MN000642013-4

Virginia DGS Certification #: 251

Virginia/VELAP Certification #: Pace

Washington Certification #: C486

West Virginia Certification #: 382

West Virginia DHHR #:9952C

Wisconsin Certification #: 999407970

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 81147093B PNEC CORP FORMER

Pace Project No.: 10302425

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10302425001	MW-5	Water	04/09/15 10:10	04/11/15 10:20
10302425002	MW-2A	Water	04/09/15 10:45	04/11/15 10:20
10302425003	RW-1	Water	04/09/15 11:18	04/11/15 10:20

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 81147093B PNEC CORP FORMER

Pace Project No.: 10302425

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10302425001	MW-5	NWTPH-Dx	MT	4	PASI-M
10302425002	MW-2A	NWTPH-Dx	MT	4	PASI-M
10302425003	RW-1	NWTPH-Dx	MT	4	PASI-M

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 81147093B PNEC CORP FORMER

Pace Project No.: 10302425

Sample: MW-5		Lab ID: 10302425001		Collected: 04/09/15 10:10		Received: 04/11/15 10:20		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS LV		Analytical Method: NWTPH-Dx Preparation Method: EPA 3510							
Diesel Fuel Range	0.94	mg/L	0.40	1	04/14/15 10:09	04/16/15 13:11	68334-30-5		
Motor Oil Range	ND	mg/L	0.40	1	04/14/15 10:09	04/16/15 13:11			
Surrogates									
o-Terphenyl (S)	88	%.	50-150	1	04/14/15 10:09	04/16/15 13:11	84-15-1		
n-Triacontane (S)	94	%.	50-150	1	04/14/15 10:09	04/16/15 13:11	638-68-6		

Sample: MW-2A		Lab ID: 10302425002		Collected: 04/09/15 10:45		Received: 04/11/15 10:20		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS LV		Analytical Method: NWTPH-Dx Preparation Method: EPA 3510							
Diesel Fuel Range		ND	mg/L	0.40	1	04/14/15 10:09	04/16/15 13:54	68334-30-5	
Motor Oil Range		ND	mg/L	0.40	1	04/14/15 10:09	04/16/15 13:54		
Surrogates									
o-Terphenyl (S)		86	%.	50-150	1	04/14/15 10:09	04/16/15 13:54	84-15-1	
n-Triacontane (S)		94	%.	50-150	1	04/14/15 10:09	04/16/15 13:54	638-68-6	

Sample: RW-1		Lab ID: 10302425003		Collected: 04/09/15 11:18		Received: 04/11/15 10:20		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS LV		Analytical Method: NWTPH-Dx Preparation Method: EPA 3510							
Diesel Fuel Range		0.54	mg/L	0.40	1	04/14/15 10:09	04/16/15 14:16	68334-30-5	
Motor Oil Range		ND	mg/L	0.40	1	04/14/15 10:09	04/16/15 14:16		
Surrogates									
o-Terphenyl (S)		80	%.	50-150	1	04/14/15 10:09	04/16/15 14:16	84-15-1	
n-Triacontane (S)		88	%.	50-150	1	04/14/15 10:09	04/16/15 14:16	638-68-6	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 81147093B PNEC CORP FORMER

Pace Project No.: 10302425

QC Batch: OEXT/28845 Analysis Method: NWTPH-Dx
QC Batch Method: EPA 3510 Analysis Description: NWTPH-Dx GCS LV
Associated Lab Samples: 10302425001, 10302425002, 10302425003

METHOD BLANK: 1938646 Matrix: Water

Associated Lab Samples: 10302425001, 10302425002, 10302425003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Fuel Range	mg/L	ND	0.40	04/16/15 12:06	
Motor Oil Range	mg/L	ND	0.40	04/16/15 12:06	
n-Triacontane (S)	%.	94	50-150	04/16/15 12:06	
o-Terphenyl (S)	%.	85	50-150	04/16/15 12:06	

LABORATORY CONTROL SAMPLE & LCSD: 1938647

Parameter	Units	1938648								
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Diesel Fuel Range	mg/L	2	1.6	1.4	80	68	50-150	16	20	
Motor Oil Range	mg/L	2	1.7	1.5	86	74	50-150	15	20	
n-Triacontane (S)	%.				86	74	50-150			
o-Terphenyl (S)	%.				89	76	50-150			

SAMPLE DUPLICATE: 1938649

Parameter	Units	10302425001 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Fuel Range	mg/L	0.94	0.91	3	30	
Motor Oil Range	mg/L	ND	.34J		30	
n-Triacontane (S)	%.	94	89	6		
o-Terphenyl (S)	%.	88	82	7		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 81147093B PNEC CORP FORMER

Pace Project No.: 10302425

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

WORKORDER QUALIFIERS

WO: 10302425

[1] The temperature blank was received outside of the required temperature range. Analysis was completed upon client approval.

BATCH QUALIFIERS

Batch: GCSV/15477

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 81147093B PNEC CORP FORMER

Pace Project No.: 10302425

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10302425001	MW-5	EPA 3510	OEXT/28845	NWTPH-Dx	GCSV/15477
10302425002	MW-2A	EPA 3510	OEXT/28845	NWTPH-Dx	GCSV/15477
10302425003	RW-1	EPA 3510	OEXT/28845	NWTPH-Dx	GCSV/15477

REPORT OF LABORATORY ANALYSIS

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	Document Name: Sample Condition Upon Receipt Form	Document Revised: 23Feb2015 Page 1 of 1
	Document No.: F-MN-L-213-rev.13	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt	Client Name: <u>Terrecon</u>	Project #: WO# : 10302425
	Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Speedee ☐ Other: _____ Tracking Number: <u>5779 5333 2408</u>	 10302425

Custody Seal on Cooler/Box Present? ☒ Yes ☐ No	Seals Intact? ☒ Yes ☐ No	Optional: Proj. Due Date: _____ Proj. Name: _____
Packing Material: ☒ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other: _____	Temp Blank? ☒ Yes ☐ No	
Thermometer Used: ☒ B88A9130516413 ☐ B88A912167504 ☐ B88A0143310098	Type of Ice: ☒ Wet ☐ Blue ☐ None	☐ Samples on ice, cooling process has begun
Cooler Temp Read (°C): <u>4.7</u>	Cooler Temp Corrected (°C): <u>4.4</u>	Biological Tissue Frozen? ☐ Yes ☐ No ☒ N/A
Temp should be above freezing to 6°C	Correction Factor: <u>10.2</u>	Date and Initials of Person Examining Contents: <u>DW 4/11/15</u>
USDA Regulated Soil (☒ N/A, water sample) Did samples originate in a quarantine zone within the United States: AL, AR, AZ, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX or WA (check maps)? ☐ Yes ☐ No Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No If Yes to either question, fill out a Regulated Soil Checklist (F-MN-Q-338) and include with SCUR/COC paperwork.		

	COMMENTS:
Chain of Custody Present? ☒ Yes ☐ No ☐ N/A	1.
Chain of Custody Filled Out? ☒ Yes ☐ No ☐ N/A	2.
Chain of Custody Relinquished? ☒ Yes ☐ No ☐ N/A	3.
Sampler Name and/or Signature on COC? ☐ Yes ☒ No ☐ N/A	4.
Samples Arrived within Hold Time? ☒ Yes ☐ No ☐ N/A	5.
Short Hold Time Analysis (<72 hr)? ☐ Yes ☒ No ☐ N/A	6.
Rush Turn Around Time Requested? ☐ Yes ☒ No ☐ N/A	7.
Sufficient Volume? ☒ Yes ☐ No ☐ N/A	8.
Correct Containers Used? ☒ Yes ☐ No ☐ N/A	9.
-Pace Containers Used? ☒ Yes ☐ No ☐ N/A	
Containers Intact? ☒ Yes ☐ No ☐ N/A	10.
Filtered Volume Received for Dissolved Tests? ☐ Yes ☐ No ☒ N/A	11. Note if sediment is visible in the dissolved container
Sample Labels Match COC? ☒ Yes ☐ No ☐ N/A	12.
-Includes Date/Time/ID/Analysis Matrix: <u>WT</u>	
All containers needing acid/base preservation have been checked? ☐ Yes ☐ No ☒ N/A	13. ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ HCl
All containers needing preservation are found to be in compliance with EPA recommendation? ☐ Yes ☐ No ☒ N/A	Sample #
(HNO ₃ , H ₂ SO ₄ , HCl<2; NaOH >9 Sulfide, NaOH >12 Cyanide) Exceptions: VOA, Coliform, TOC, Oil and Grease, <u>DRO/8015</u> (water) DOC	Initial when completed: _____ Lot # of added preservative: _____
Headspace in VOA Vials (>6mm)? ☐ Yes ☐ No ☒ N/A	14.
Trip Blank Present? ☐ Yes ☐ No ☒ N/A	15.
Trip Blank Custody Seals Present? ☐ Yes ☐ No ☒ N/A	
Pace Trip Blank Lot # (if purchased): _____	

CLIENT NOTIFICATION/RESOLUTION Person Contacted: <u>Michael Noll</u> Comments/Resolution: <u>The temperature blank arrived over temp at 12.9, per Michael proceed with analysis. The samples were kept in the refrigerator overnight and placed on ice prior to the Pace courier picking up. JG 04/13/15</u>	Field Data Required? ☐ Yes ☒ No Date/Time: <u>04/10/15</u>
---	--

Project Manager Review: <u>Julie Bue</u> Date: <u>4/13/15</u>
--

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers).



July 8, 2015

Mr. Mike Noll
Terracon
21905 - 64th Ave W, Suite 100
Mountlake Terrace, WA 98043

Dear Mr. Noll,

On July 1st, 3 samples were received by our laboratory and assigned our laboratory project number EV15070004. The project was identified as your Former PNEC Bainbridge Island. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rick Bagan
Laboratory Director

CERTIFICATE OF ANALYSIS

CLIENT:	Terracon 21905 - 64th Ave W, Suite 100 Mountlake Terrace, WA 98043	DATE:	7/8/2015
		ALS JOB#:	EV15070004
CLIENT CONTACT:	Mike Noll	ALS SAMPLE#:	EV15070004-01
CLIENT PROJECT:	Former PNEC Bainbridge Island	DATE RECEIVED:	07/01/2015
CLIENT SAMPLE ID	MW-2A	COLLECTION DATE:	7/1/2015 11:10:00 AM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	510	130	1	UG/L	07/02/2015	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	07/02/2015	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	92.6	07/02/2015	EBS

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product.

CERTIFICATE OF ANALYSIS

CLIENT:	Terracon 21905 - 64th Ave W, Suite 100 Mountlake Terrace, WA 98043	DATE:	7/8/2015
		ALS JOB#:	EV15070004
CLIENT CONTACT:	Mike Noll	ALS SAMPLE#:	EV15070004-02
CLIENT PROJECT:	Former PNEC Bainbridge Island	DATE RECEIVED:	07/01/2015
CLIENT SAMPLE ID	MW-5	COLLECTION DATE:	7/1/2015 10:10:00 AM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	620	130	1	UG/L	07/02/2015	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	07/02/2015	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	98.6	07/02/2015	EBS

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product.



CERTIFICATE OF ANALYSIS

CLIENT:	Terracon	DATE:	7/8/2015
	21905 - 64th Ave W, Suite 100	ALS JOB#:	EV15070004
	Mountlake Terrace, WA 98043	ALS SAMPLE#:	EV15070004-03
CLIENT CONTACT:	Mike Noll	DATE RECEIVED:	07/01/2015
CLIENT PROJECT:	Former PNEC Bainbridge Island	COLLECTION DATE:	7/1/2015 11:40:00 AM
CLIENT SAMPLE ID	RW-1	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	870	130	1	UG/L	07/02/2015	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	07/02/2015	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	89.1	07/02/2015	EBS

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product.

CERTIFICATE OF ANALYSIS

CLIENT: Terracon
 21905 - 64th Ave W, Suite 100
 Mountlake Terrace, WA 98043
CLIENT CONTACT: Mike Noll
CLIENT PROJECT: Former PNEC Bainbridge Island

DATE: 7/8/2015
ALS SDG#: EV15070004
WDOE ACCREDITATION: C601

LABORATORY BLANK RESULTS
MB-070215W - Batch 94936 - Water by NWTPH-DX

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	07/02/2015	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	07/02/2015	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

CERTIFICATE OF ANALYSIS

CLIENT: Terracon
 21905 - 64th Ave W, Suite 100
 Mountlake Terrace, WA 98043
CLIENT CONTACT: Mike Noll
CLIENT PROJECT: Former PNEC Bainbridge Island

DATE: 7/8/2015
ALS SDG#: EV15070004
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS
ALS Test Batch ID: 94936 - Water by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	89.8			07/02/2015	EBS
TPH-Diesel Range - BSD	NWTPH-DX	98.7	9		07/02/2015	EBS

APPROVED BY



Laboratory Director



ALS Job# (Laboratory Use Only)

Date 7-1-15 Page 1 Of 1

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Shawn Robinson AL 7/1/15 1430

Received By: _____

2. Relinquished By: _____

Received By: _____

TURNAROUND REQUESTED in Business Days*

OTHER:

Organic, Metals & Inorganic Analysis

10 5 3 2 1 SAME DAY

Fuels & Hydrocarbon Analysis

~~5~~ 3 1 SAM
DA

Specify: _____

**Turnaround request less than standard may incur Rush Charges*