INDEPENDENT REMEDIAL ACTION REPORT
GROW COMMUNITY
BAINBRIDGE ISLAND, WA

Resolve Project 16-027G
June 26, 2016

Prepared for:

Bainbridge Island Holdings LLC and
PHC Construction
710 John Nelson Lane
Bainbridge Island, WA

Prepared by:

Resolve Environmental & Geotechnical, Inc.
8842 NE Lacey Street
Indianola, Washington 98342
(360) 297-8870; resolveEG@comcast.net

June 20, 2016 Resolve Project No. 16-027IRA

INDEPENDENT REMEDIAL ACTION REPORT
GROW COMMUNITY PROPERTY; SOUTHEASTERN PORTION
BAINBRIDGE ISLAND, WASHINGTON

INTRODUCTION and SUMMARY

Based on the findings presented in our recent Phase II Environmental Site Assessment (ESA) report, dated May 4, 2016, Resolve Environmental & Geotechnical, Inc. (Resolve) was retained by Bainbridge Island Holdings LLC to consult on an Independent Remedial Action for the contaminated soils in the southeastern portions of the Grow Community, Bainbridge Island, Washington. Contaminated soils were identified in the subsurface near the existing Building H of the subject site during common excavation of a trench for utility emplacements. The corresponding Washington State Department of Ecology (DOE) ERTS Number for this project is 664841. We are presenting the attached information with the goal of obtaining a "Cleanup Completed" or No Further Action Letter for the site from the DOE.

Soils excavated initially from the utility trench were placed in a pile and covered with plastic, then subsequently sampled by Resolve. A Photo Ionization Detector and soil odors were utilized to isolate potentially contaminated soils from those with no reason to suspect contamination. Samples were initially collected from the pile on April 16, 2016 and sent by USPS by priority mail to Onsite Laboratories of Kirkland, Washington for analysis.

The utility trench area and surrounding soils were not sampled at the time of the pile sampling, but were subsequently sampled on April 23, 2016 following establishment of a subsurface sampling plan. During initial excavation and removal of the known contaminated soils, further contamination was discovered in the trench excavation area, extending beneath a portion of Building H, at the north end of the previously-known contaminated area. Initial testing of the soils in both the pile and the trench excavation area showed that diesel range contamination of soils was above DOE Model Toxics Control Act (MTCA) cleanup standards. This included areas at the southern margin of Building H.

An Independent Remedial Action was instigated by BIH with the assistance of PHC Construction Company, and soils were subsequently excavated for disposal. The excavation proceeded to a depth of approximately 6.5 feet, and extended to the south an additional seven feet beyond the original excavation in order to reach the margins of the contaminated soils plume. This excavation also included undermining more than five feet beneath Building H to locate the northern margin of the plume. Plume delineation was determined by odor and visual methods in the field, and by laboratory testing of floors and walls of the excavation.

Verification that soils had been removed from the identified areas of contamination was carried out by sampling and testing of soils, and analysis of laboratory results. It is Resolve's opinion that the contaminated soils have been removed from the subject site, and that appropriate due diligence was utilized in the investigation and remediation.

PURPOSE AND SCOPE

The purpose of this Independent Remedial Action was to remove diesel and lube oil-range petroleum hydrocarbon-contaminated soils from the site, and to verify through laboratory testing that contaminated soils had been removed. The IRA included the following basic scope of work:

- Initial sampling of excavated soils in an existing soil pile;
- Initial sampling of excavated soils in the utility trench area;
- Establishment of a sampling plan for the utility trench area;

- Soil sampling and laboratory analyses of both pile soils and trench area;
- Interpretation of laboratory results;
- Information regarding the nature and extent of any contamination;
- Excavation and removal of contaminated soils from the subject site;
- Disposal of soils at an appropriate disposal site; and,
- Preparation of this report documenting the cleanup efforts and results.

FIELD ACTIVITIES AND ACTIONS

Initial field investigation and sampling activities were conducted on April 16th and April 23rd, 2016 by Ronald Nance, a Washington State Licensed Geologist and Environmental Professional representing Resolve. Subsequent sample collection, testing, and evaluations were an integral element of the Independent Remedial Action, designed to verify that contaminated soils had been removed from the site. Soil excavation was conducted by PHC Construction, Incorporated of Bainbridge Island, Washington, using a mini excavator. Selected photographs of the field activities are attached to this report.

INITIAL CHARACTERIZATION ACTIVITIES

Resolve initially collected five samples from the soils in the pile, and three samples from the subsurface trenching area for characterization of soils by laboratory analysis. Soils initially encountered with obvious visual and olfactory contamination in the pile were isolated to prevent cross-contamination of other soils on the site. Soil samples from suspect contamination areas were collected for laboratory analysis and were transported to the laboratory. Soils in the trench area were sampled from walls and floor of the trench.

Soil Stockpile: Those soils encountered with visual and olfactory contamination in the pile were placed on 6 mil plastic and covered by 6 mil plastic to prevent cross-contamination of other soils on the site. After the obviously-contaminated soils were removed from the suspected zone of contamination, Photoionization Detector (PID) and odor field screening was undertaken in order to delineate the extent of any contamination through and around the pile.

Once suspect soils had been removed, cleanup verification samples were collected for laboratory analysis and were transported to the laboratory. None of the verification samples were reported with concentrations greater than MTCA Method A Cleanup Standards. Those soils surrounding the remaining isolated pile did not show any reason to suspect contamination.

Trench Area: A grid for methodical sampling was first established across the trench area, with grid lines east to west at 10-foot intervals (40, 50, 60, 70, feet) from the eastern wall of existing Building H and north to south at 10- foot intervals from approximately 23, 33, and 43 feet from the southern wall of Building H.

Subsurface soils encountered during the exploratory excavations were generally a thin (one to two foot) layer of topsoil and fill material, underlain by generally brown, damp, dense, silty sand with gravel (USCS SM), followed at depth by gray silty sand with minor gravel, and some intervals of gray, moist, dense silt sand with gravel (USCS SM) and minor sand.

Excavation of narrow trenches for investigation began with Test Pit H-1, approximately 23 feet from the southern wall of the building, and approximately 40 feet from the eastern margin of the building, where apparently contaminated soils were encountered at a depth of approximately 2.5 feet below the existing ground surface (bgs). The suspect soils appeared to extend to a depth of approximately 4 feet bgs. Another narrow test pit was excavated approximately 2 feet east of the first trench to a depth of greater than 4.5 feet bgs, and no soils with suspected contamination were encountered, indicating that the first trench had been initiated at the northeastern-most margin of contamination.

Test Pit H-2 was excavated at approximately 33 feet from the southern wall of the building, and approximately 38 feet from the eastern margin of the building. Again, the trench was excavated to a depth of approximately 4.5 feet bgs and no suspect soils were encountered.

Moving westward, Test Pit H-3 was excavated at approximately 23 feet from the southern wall of the building, and approximately 50 feet from the eastern margin of the building. Soils encountered at approximately 4 feet bgs appeared to be contaminated with diesel, and were subsequently sampled. The apparently contaminated horizon appeared to shallow upward toward the south, to a depth of approximately 2 feet bgs.

A southern margin for the suspected contaminated soils was initially established with the excavation of Test Pit H-3, at approximately 33 feet from the building, and 50 feet from the eastern margin of the building, wherein no suspect soils were encountered to a depth of greater than 4.5 feet bgs. A sample of the non-suspect soils was collected for verification of methodology and extent of contamination.

Excavation of the Test Pits established a relatively clear zone of contamination. It appeared that the area of contaminated soil was generally described as a 15 foot by 15 foot area between 2 and 4.5 foot in depth below grade. Boundaries suggested by the excavations were as follows:

- North boundary at 23 feet from the South face of Bldg G/H wall
- South boundary at approximately 35 feet from the South face of Bldg G/H wall
- East boundary at 38 feet from the East edge of Bldg H
- West boundary at 55 feet from East edge of Bldg H

INITIAL CHARACTERIZATION

The contamination initially appeared likely to have been related to relict home heating oil, and samples were therefore tested for diesel and oil by EPA Method NWTPH Dx. No groundwater was encountered in the course of sampling. Soil samples were collected in sealed, 4-ounce jars for processing by Method NWTPH-Dx. The samples were delivered under Chain of Custody to Onsite Laboratories of Kirkland, Washington for processing. Expedited turnaround times for laboratory testing for the soils were requested by Resolve.

Table 3 below is a summary of laboratory results from the samples that were initially analyzed for soils characterization. Laboratory results are attached to this report.

Table 3 – Summary of Laboratory Soil Sample Results

Sample Number	Sample Location and Depth bgs	Laboratory Test	Test Results (parts per million-ppm)	MTCA METHOD A Cleanup Levels
P-1 Pile	**Central Pile: 2'**	**Diesel by NWTPH-Dx**	**Diesel Fuel No. 2; 1,300 Lube Oil; 2,000**	**Diesel range hydrocarbons 2,000 ppm**
P-2 Pile	West Pile: 2'	Diesel by NWTPH-Dx	Diesel Fuel No. 2; 100 Lube Oil; 59	Diesel range hydrocarbons 2,000 ppm
P-3 Pile	North Pile: 2'	Diesel by NWTPH-Dx	Diesel Fuel No. 2; 98 Lube Oil; 200	Diesel range hydrocarbons 2,000 ppm
P-4 Pile	East Pile: 2'	Diesel by NWTPH-Dx	Diesel Fuel No. 2; 77 Lube Oil; Non Detect	Diesel range hydrocarbons 2,000 ppm
P-5 Pile	**South Pile: 2'**	**Diesel by NWTPH-Dx**	**Diesel Fuel No. 2; 1,200 Lube Oil; 2,300**	**Diesel range hydrocarbons 2,000 ppm**
H-1 Excavation	**23' de S; 40' de E of Bldg H**	**Diesel by NWTPH-Dx**	**Diesel Fuel No. 2; 7,400 Lube Oil; ND**	**Diesel range hydrocarbons 2,000 ppm**
H-2 Excavation	**23' de S; 40' de E of Bldg H**	**Diesel by NWTPH-Dx**	**Diesel Fuel No. 2; 5,300 Lube Oil; ND**	**Diesel range hydrocarbons 2,000 ppm**
H-3 Excavation	33' de S; 40' de E of Bldg H	Diesel by NWTPH-Dx	Diesel Fuel No. 2; ND Lube Oil; ND	Diesel range hydrocarbons 2,000 ppm

Based on the laboratory results, the samples collected from suspect areas showed high concentrations of diesel fuel and, in some cases, lube oil. Those samples collected from areas that were not suspect of contamination showed low concentrations (below MTCA cleanup standards) or non-detect results.

It is Resolve's opinion that the soils in the pile that were contaminated with high concentrations of diesel and lube oil were isolated and were properly delineated for disposal. Moreover, the results of the excavations near Building H initially indicated that the subsurface contamination was limited to the area described in the previous section.

REMEDIATION ACTIVITIES and SUBSEQUENT FINDINGS

Following receipt of the laboratory samples, Resolve recommended that an Independent Remedial Action (IRA) should be undertaken at the site. This measure was recommended in order to remove the existing contaminated soils in the soil pile from the site, and to excavate and remove contaminated soils from the trench area as defined by our investigation.

It was recommended that a soil profile form be submitted to PRS Group of Tacoma for approval of disposal. Following approval from PRS Group of Tacoma to dispose of soils at their 3003 Taylor Way Disposal Site, removal of the contaminated soils from the site was initiated.

The soil pile was completely removed from the site, and verification samples of the pile area were collected and analyzed. It is our opinion that the pile and surrounding areas are free from contaminated soils. However, as the trench area was being excavated for removal of contaminated soils, it was discovered that the diesel plume extended beyond the areas initially discovered, described, and sampled.

The discovery of additionally contaminated soils extended the remediation excavation, with some obviously contaminated soils extending deeper than originally estimated, and to the north of previously delineated contaminated soils. The contaminated area was found to extend to a depth of approximately 6.5 feet bgs, and northward beneath Building H.

It was determined that a structural engineer should be contacted prior to undermining of Building H to remove soils, and limited undermining was approved. At approximately 4.5 feet beneath the southeastern margin of the building, soils appeared to be free from, or have low concentrations of, the subject contaminant.

Excavation beneath the building continued to an undermine depth of approximately 5 feet, at which point verification samples were collected for laboratory analysis. A total of approximately 250 cubic yards of contaminated soil were removed from the site. Photographs of the excavation are attached to this report.

VERIFICATION LABORATORY RESULTS

Following excavation of the trench area and apparent removal of the contaminated soils from the site, verification samples were collected and laboratory tested. Samples from the southern and western portions of the excavation site were collected on May 20, 2016. Further samples, including from below Building H, were collected on May 25, May 30, and June 7, 2016. Laboratory results are attached to this report. The following table summarizes laboratory results as tested and analyzed:

Verification Sampling Results

Sample Number	Sample Location and Depth bgs	Laboratory Test	Test Results (parts per million-ppm)	MTCA METHOD A Cleanup Levels
PV-1 SW (5/25/16)	SW Pile	Diesel by NWTPH-Dx	Diesel Fuel No. 2; 33 Lube Oil; 160	Diesel range hydrocarbons 2,000 ppm
PV-1C (5/25/16)	Central Pile	Diesel by NWTPH-Dx	Diesel Fuel No. 2; 48 Lube Oil; 110	Diesel range hydrocarbons 2,000 ppm

Verification Sampling Results (continued)

PV-1NE (5/25/16)	Eastern Pile Northward	Diesel by NWTPH-Dx	Diesel Fuel No. 2; 53 Lube Oil; Non Detect	Diesel range hydrocarbons 2,000 ppm
HV-1 E Wall (5/27/16)	East Wall:	Diesel by NWTPH-Dx	Diesel Fuel No. 2; Non Detect Lube Oil; Non Detect	Diesel range hydrocarbons 2,000 ppm
HV-2 S Wall (5/27/16)	South Wall	Diesel by NWTPH-Dx	Diesel Fuel No. 2; Non Detect Lube Oil; Non Detect	Diesel range hydrocarbons 2,000 ppm
HV-3 Floor (5/27/16)	Floor Central-North	Diesel by NWTPH-Dx	Diesel Fuel No. 2; Non Detect Lube Oil; Non Detect	Diesel range hydrocarbons 2,000 ppm
HV-4 W Wall (5/27/16)	West Wall	Diesel by NWTPH-Dx	Diesel Fuel No. 2; 72 Lube Oil; ND	Diesel range hydrocarbons 2,000 ppm
HV-6a N Wall (5/27/16)	North Wall West (under bldg)	Diesel by NWTPH-Dx	Diesel Fuel No. 2; 1500 Lube Oil; ND *Note: QA was 1500, Dry sample was 486 to 1260*	Diesel range hydrocarbons 2,000 ppm
HV-6b N Wall E (Lower) (6/7/16)	North Wall E (under bldg.)	Diesel by NWTPH-Dx	Diesel Fuel No. 2; 180 Lube Oil; ND	Diesel range hydrocarbons 2,000 ppm
HV-7 N Wall E (Upper) (6/7/16)	North Wall E (under bldg.)	Diesel by NWTPH-Dx	Diesel Fuel No. 2; 41 Lube Oil; ND	Diesel range hydrocarbons 2,000 ppm

As can be seen in the table above, none of the samples tested and analyzed were above MTCA cleanup standards for Diesel-range petroleum hydrocarbons. The significant excavation and testing efforts located the margins of the contaminant plume and successfully remediated the site. Based on laboratory results, visual, and olfactory field screening, it is our opinion that the contaminated soils have been removed from the site, and remaining soils do not exceed MTCA Method A cleanup standards.

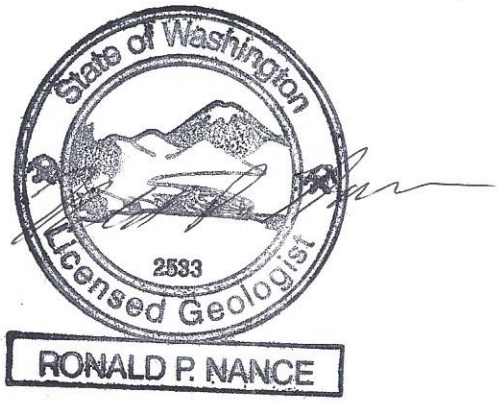
IRA REPORT SUMMARY and LIMITATIONS

This Independent Remedial Action has been conducted in good faith and was limited in scope to those areas defined by the client; namely the contaminated soil pile, and the trench area near Building H on the subject property. This investigation was undertaken with the risk that visual observations and random sampling alone would not reveal the presence, full nature, and extent of contaminants in the subsurface, however common industry practices were applied, and Resolve is confident that the appropriate testing, observation, remediation, and disposal of soils were undertaken for contaminants discovered at the site.

The opinions presented herein apply to the site conditions existing at the time of the investigation, and are based upon the interpretation of current regulations pertaining to hydrocarbons in the subsurface and in pile areas. Opinions and recommendations provided herein may not apply to future conditions that may exist at the site. The data obtained are clear and accurate only to the degree implied by the sources and methods used. The information presented herein is based on professional interpretation using presently accepted methods with a degree of conservatism deemed proper as of the report date. We do not warrant that future technical developments cannot supersede such data. Laboratory analysis was conducted by a laboratory accredited under the guidance of the EPA. The results of the analyses are accurate only to the degree of care exercised by the independent laboratories and the representative nature of the samples obtained.

Resolve appreciates the opportunity to present this letter report. If you have any questions or comments, or need additional information, please feel free to contact us at (360) 865-1843.

Sincerely,
Resolve Environmental & Geotechnical, Incorporated



Ronald Nance, P.G.
Senior Environmental Geologist
Washington State License No. 2533

Resolve Environmental & Geotechnical, Inc. (360) 865-1843 resolveeg@comcast.net	**FIGURE 1:** Site Vicinity Map **PROJECT NO. 16-027** **DATE: APRIL, 2016**	**PROJECT:** **Limited Phase II Site Investigation** **Grow Community; Building H Vicinity** **Bainbridge Island, Washington** **Prepared for: Grow Community LLC**

N

Grow Community - Ph2
4/23/2016

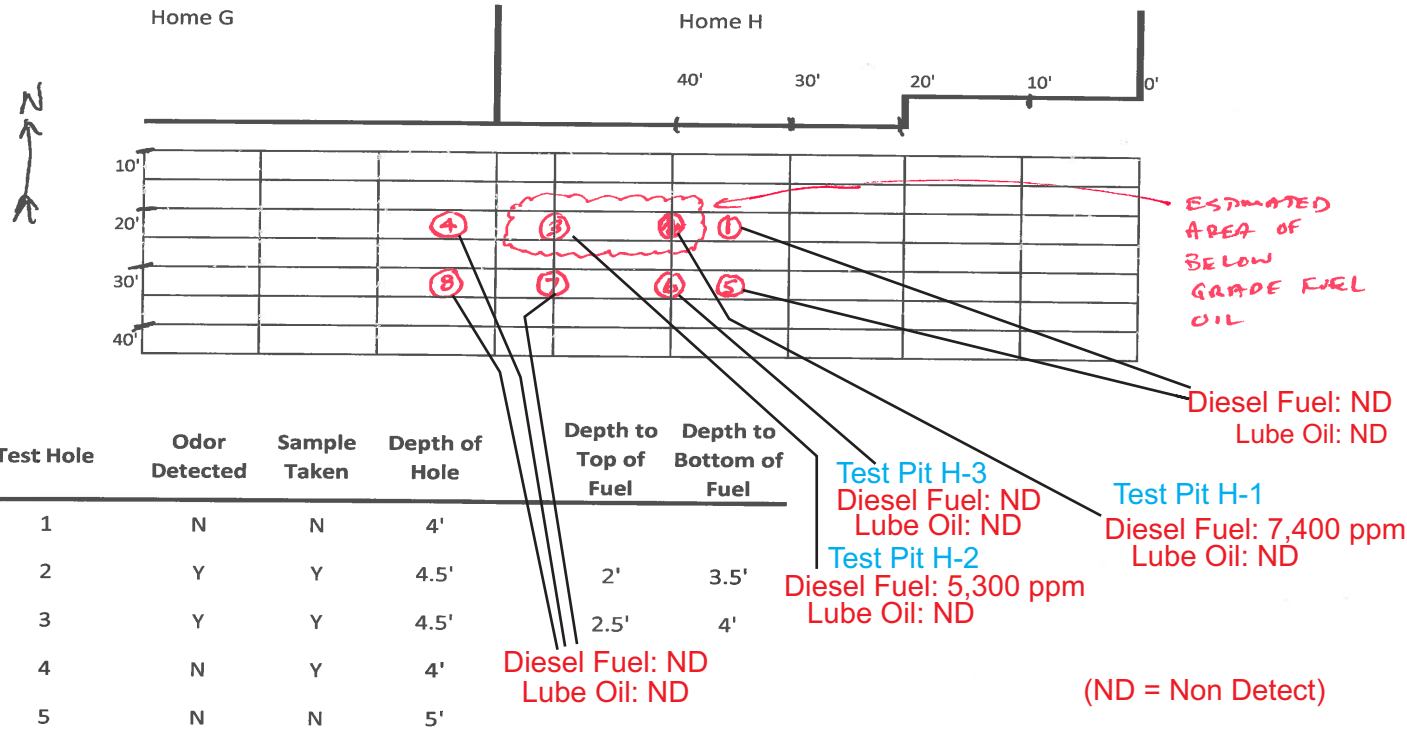
Fuel Oil Investigation

Mostly Sunny ~ 60d

On Site:

Ron Nance	Resolve
Greg Lotakis	BIH
Chris Bodner	PHC - Operator
Marty Sievertson	PHC - Manager

Notes:
Pot holing done with small kubota excavator. A test grid was prepared based on distance from from new home foundations under construction.



Test Hole	Odor Detected	Sample Taken	Depth of Hole	Depth to Top of Fuel	Depth to Bottom of Fuel
1	N	N	4'		
2	Y	Y	4.5'	2'	3.5'
3	Y	Y	4.5'	2.5'	4'
4	N	Y	4'		
5	N	N	5'		
6	N	N	4.5'		
7	N	N	4.5'		
8	N	N	4.5'		

4/23/16
G. LOTAKIS

Field Notes Compiled by Mr. Greg Lotakis, Grow Community LLC

Resolve Environmental & Geotechnical, Inc.
(360) 297-8870; Cell (360) 865-1843
resolveeg@comcast.net

FIGURE 2A: Initial Excavation Sample Location Diagram

PROJECT NO. 16-027

DATE: APRIL, 2016

PROJECT:
Limited Phase II Site Investigation
428 Grow Avenue NE
Bainbridge Island, Washington

Prepared for: Grow Community LLC

N

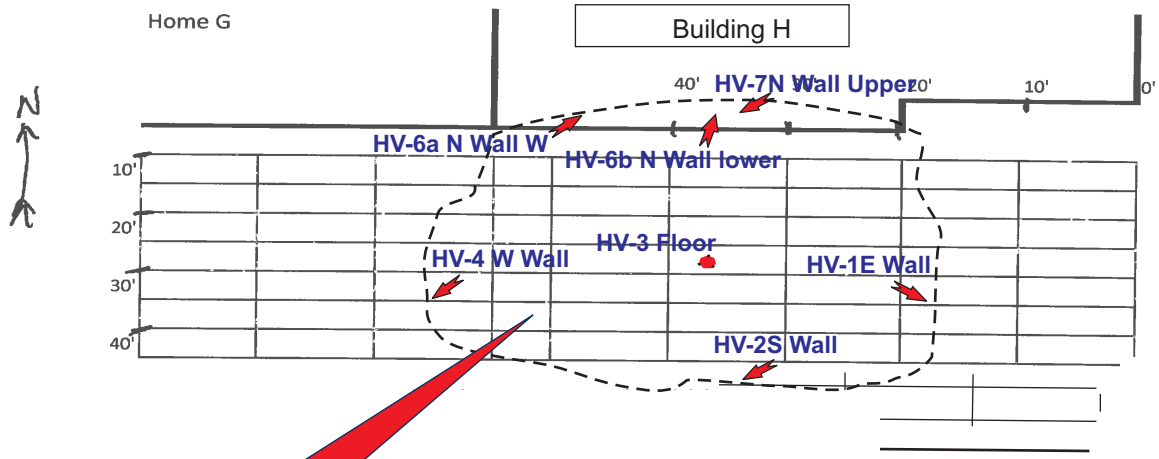
Grow Community -

INDEPENDENT REMEDIAL ACTION: FINAL EXCAVATION VERIFICATION
SAMPLE LOCATION DIAGRAM

On Site:

Ron Nance	Resolve
Greg Lotakis	BIH
Chris Bodner	PHC - Operator
Marty Sievertson	PHC - Manager

Notes:
Pot holing done with small kubota excavator A test grid was prepared based on distance from from new home foundations under construction.



Final Excavation Area

Resolve Environmental & Geotechnical, Inc. (360) 297-8870; Cell (360) 865-1843 resolveeg@comcast.net	**FIGURE 2B:** Final Excavation Verification Sample Location Diagram **PROJECT NO. 16-027** **DATE: MAY-JUNE, 2016**	**PROJECT:** **Limited Phase II Site Investigation** **428 Grow Avenue NE** **Bainbridge Island, Washington** **Prepared for: Grow Community LLC** N

LABORATORY RESULTS

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

May 26, 2016

Ron Nance
Resolve Environmental & Geotechnical, Inc.
8842 NE Lacey Street
Indianola, WA 98342

Re: Analytical Data for Project 16-029-C
Laboratory Reference No. 1605-197

Dear Ron:

Enclosed are the analytical results and associated quality control data for samples submitted on May 24, 2016.

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,

David Baumeister
Project Manager

Enclosures

Date of Report: May 26, 2016
Samples Submitted: May 24, 2016
Laboratory Reference: 1605-197
Project: 16-029-C

Case Narrative

Samples were collected on May 20, 2016 and received by the laboratory on May 24, 2016. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise 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.

Date of Report: May 26, 2016
Samples Submitted: May 24, 2016
Laboratory Reference: 1605-197
Project: 16-029-C

NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**PV-1SW**					
Laboratory ID:	05-197-01					
Diesel Range Organics	**33**	27	NWTPH-Dx	5-25-16	5-25-16	
Lube Oil	**160**	54	NWTPH-Dx	5-25-16	5-25-16	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*89*	*50-150*				
Client ID:	**PV-1C**					
Laboratory ID:	05-197-02					
Diesel Range Organics	**48**	28	NWTPH-Dx	5-25-16	5-25-16	
Lube Oil	**110**	57	NWTPH-Dx	5-25-16	5-25-16	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*88*	*50-150*				
Client ID:	**PV-1NE**					
Laboratory ID:	05-197-03					
Diesel Range Organics	**53**	28	NWTPH-Dx	5-25-16	5-25-16	
Lube Oil Range Organics	**ND**	57	NWTPH-Dx	5-25-16	5-25-16	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*110*	*50-150*				

Date of Report: May 26, 2016
Samples Submitted: May 24, 2016
Laboratory Reference: 1605-197
Project: 16-029-C

NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0525S2					
Diesel Range Organics	**ND**	25	NWTPH-Dx	5-25-16	5-25-16	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	5-25-16	5-25-16	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*83*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	05-147-06										
	ORIG	DUP									
Diesel Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	
Lube Oil Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	
Surrogate:											
o-Terphenyl						*95*	*91*	*50-150*			

Date of Report: May 26, 2016
Samples Submitted: May 24, 2016
Laboratory Reference: 1605-197
Project: 16-029-C

% MOISTURE

Date Analyzed: 5-25-16

Client ID	Lab ID	% Moisture
PV-1SW	05-197-01	7
PV-1C	05-197-02	12
PV-1NE	05-197-03	12

OnSite Environmental Inc.

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.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

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.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: Resolve E+G
Project Number: 16-029-C
Project Name: Crow III Phase II
Project Manager: Ron Nance
Sampled by: Ron Nance

Turnaround Request (in working days)

(Check One)

- ☐ Same Day
- ☐ 1 Day
- ☒ 2 Days
- ☒ 3 Days
- ☐ Standard (7 Days) (TPH analysis 5 Days)
- ☐ _____ (other)

Laboratory Number: 05-197

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	% Moisture
1	PV-1SW	5/20/16	2:30P	S	1				X													X
2	PV-1C	5/20/16	2:35P	"	"				X													"
3	PV-1NE	5/20/16	2:45P	"	"				X													"

	Signature	Company	Date	Time
Relinquished	[signature]	Resolve E+G	5/20/16	4:00P
Received	[signature]	ORE	5/24/16	1315
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Pls. Send email report of results

Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐

Electronic Data Deliverables (EDDs) ☐ _____

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

May 31, 2016

Ron Nance
Resolve Environmental & Geotechnical, Inc.
8842 NE Lacey Street
Indianola, WA 98342

Re: Analytical Data for Project 16-029D
Laboratory Reference No. 1605-247

Dear Ron:

Enclosed are the analytical results and associated quality control data for samples submitted on May 27, 2016.

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,

David Baumeister
Project Manager

Enclosures

Date of Report: May 31, 2016
Samples Submitted: May 27, 2016
Laboratory Reference: 1605-247
Project: 16-029D

Case Narrative

Samples were collected on May 24 and 25, 2016 and received by the laboratory on May 27, 2016. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise 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.

Date of Report: May 31, 2016
Samples Submitted: May 27, 2016
Laboratory Reference: 1605-247
Project: 16-029D

NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**HV-1 E. Wall**					
Laboratory ID:	05-247-01					
Diesel Range Organics	**ND**	29	NWTPH-Dx	5-27-16	5-27-16	
Lube Oil Range Organics	**ND**	58	NWTPH-Dx	5-27-16	5-27-16	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*74*	*50-150*				
Client ID:	**HV-2 S. Wall**					
Laboratory ID:	05-247-02					
Diesel Range Organics	**ND**	30	NWTPH-Dx	5-27-16	5-27-16	
Lube Oil Range Organics	**ND**	59	NWTPH-Dx	5-27-16	5-27-16	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*77*	*50-150*				
Client ID:	**HV-3 Floor**					
Laboratory ID:	05-247-03					
Diesel Range Organics	**ND**	27	NWTPH-Dx	5-27-16	5-27-16	
Lube Oil Range Organics	**ND**	54	NWTPH-Dx	5-27-16	5-27-16	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*81*	*50-150*				
Client ID:	**HV-4 W. Wall**					
Laboratory ID:	05-247-04					
Diesel Fuel #2	**72**	30	NWTPH-Dx	5-27-16	5-27-16	
Lube Oil Range Organics	**ND**	61	NWTPH-Dx	5-27-16	5-27-16	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*61*	*50-150*				

Date of Report: May 31, 2016
Samples Submitted: May 27, 2016
Laboratory Reference: 1605-247
Project: 16-029D

NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0527S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	5-27-16	5-27-16	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	5-27-16	5-27-16	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*71*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	05-213-14										
	ORIG	DUP									
Diesel Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	
Lube Oil	**119**	**65.2**	NA	NA		NA		NA	58	NA	
Surrogate:											
o-Terphenyl						*84*	*68*	*50-150*			

Date of Report: May 31, 2016
Samples Submitted: May 27, 2016
Laboratory Reference: 1605-247
Project: 16-029D

% MOISTURE

Date Analyzed: 5-27-16

Client ID	Lab ID	% Moisture
HV-1 E. Wall	05-247-01	14
HV-2 S. Wall	05-247-02	15
HV-3 Floor	05-247-03	8
HV-4 W. Wall	05-247-04	18

OnSite Environmental Inc.

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.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

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.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: Resolve E+G
Project Number: 16-029D
Project Name: Grow III Ph. II
Project Manager: Ron Nance
Sampled by: Ron Nance

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☒ 2 Days ☐ 3 Days
☐ Standard (7 Days) (TPH analysis 5 Days)
☐ _____ (other)

Laboratory Number: 05-247

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	% Moisture
1	HV-1 E. Wall	5/24/16	4:30P	Soil	1				X													X
2	HV-2 S. Wall	"	4:40P	"					X													
3	HV-3 Floor	"	4:50P	"					X													
4	HV-4 W. Wall	5/25/16	5:00P	"					X													
	~~HV-5~~	~~"~~	~~"~~	~~"~~					~~X~~													

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished	Thad P. Nance	Resolve E+G	5/26/16	10:00A	
Received	[signature]	OSE	5/27/16	1415	
Relinquished					
Received					
Relinquished					
Received					
Reviewed/Date		Reviewed/Date			Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

May 31, 2016

Ron Nance
Resolve Environmental & Geotechnical, Inc.
8842 NE Lacey Street
Indianola, WA 98342

Re: Analytical Data for Project Grow III Ph. II
Laboratory Reference No. 1605-254

Dear Ron:

Enclosed are the analytical results and associated quality control data for samples submitted on May 31, 2016.

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,

David Baumeister
Project Manager

Enclosures

Date of Report: May 31, 2016
Samples Submitted: May 31, 2016
Laboratory Reference: 1605-254
Project: Grow III Ph. II

Case Narrative

Samples were collected on May 27, 2016 and received by the laboratory on May 31, 2016. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise 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.

Date of Report: May 31, 2016
Samples Submitted: May 31, 2016
Laboratory Reference: 1605-254
Project: Grow III Ph. II

NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**HV-6 N Wall W**					
Laboratory ID:	05-254-01					
Diesel Fuel #2	**1500**	29	NWTPH-Dx	5-31-16	5-31-16	
Lube Oil Range Organics	**ND**	88	NWTPH-Dx	5-31-16	5-31-16	U1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*95*	*50-150*				

Date of Report: May 31, 2016
Samples Submitted: May 31, 2016
Laboratory Reference: 1605-254
Project: Grow III Ph. II

NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0531S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	5-31-16	5-31-16	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	5-31-16	5-31-16	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*97*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	05-254-01										
	ORIG	DUP									
Diesel Fuel #2	**1260**	**486**	NA	NA		NA		NA	89	NA	
Lube Oil Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	U1
Surrogate:											
o-Terphenyl						*95*	*90*	*50-150*			

Date of Report: May 31, 2016
Samples Submitted: May 31, 2016
Laboratory Reference: 1605-254
Project: Grow III Ph. II

% MOISTURE

Date Analyzed: 5-31-16

Client ID	Lab ID	% Moisture
HV-6 N Wall W	05-254-01	13

OnSite Environmental Inc.

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.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

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.

X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

[redacted] ONSITE Labs

05-254

Client Information

Company/Client: Resolve EtG

Address: 8842 NE Carey

City: Endicott State: WA Zip 99342

Project Information

Project Manager/Report To: Ron Nance

Project Name: Grow III Ph. II Sampled by: R. Nance

Telephone No: 360-865-1843 Fax No.

Email address: resolveEtG@comcast.net

Test Parameters Required

Sample ID	Date	Time	Matrix	Hazard	Lab ID	Number of Containers	NWTPH-Dx	% MOISTURE
1 HV-6 N wall W	5/27/16	12:35	Soil	NO	1	1	X	X
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Circle the desired parameters above if multiple tests are listed on the same line

RCRA Metals: As Ba Cd Cr Pb Hg Se Ag

Priority Pollutant Metals: Sb As Be Cr Cu Pb Hg Ni Se Ag Tl Zn

503 Regs: As Cd Cu Pb Hg Mo Ni Se Zn

Metals (Specify):

BOD CBOD COD

HEM SGT (Oil & Grease/TPH)

Solids: TDS TSS TVS TVSS TS

Turbidity pH

Nitrate-N Ammonia-N Orthophosphate-P

Nitrate+Nitrite-N

TKN Total Phosphorous

Fecal Coliform: MPN or MF

Ag Soil: pH and EC crop:

☒ Routine Disposal ☐ Return to Client

☐ Hazardous sample disposal (Cost of disposal will be billed to client)

Special Instructions Same Day Turnaround

Sample Receipt:

Total # of containers 1

COC seals present? ___ intact? ___

Temp at receipt? ___ °C

Samples intact? ___

Received Via: ___

Turn-around Time Requirement

☐ Standard (10 Business days)

☒ Rush (specify date needed)‡ SAME DAY

☐ Other (specify) ___

‡ *additional charges may apply*

Signatures (Name, Company, Date, Time)

Relinquished by: Ronald P. Nance (print) (Signature) Company Resolve EtG Date 5/27/16 Time 1:02 PM

Received by: M. VOLN (print) (Signature) Company OSE Date 5/31/16 Time 1000

Relinquished by: (print) (Signature) Company Date Time

Received by: (print) (Signature) Company Date Time

Samples received after 12 noon will be considered as received the following business day

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

June 7, 2016

Ron Nance
Resolve Environmental & Geotechnical, Inc.
8842 NE Lacey Street
Indianola, WA 98342

Re: Analytical Data for Project 16-026K
Laboratory Reference No. 1606-049

Dear Ron:

Enclosed are the analytical results and associated quality control data for samples submitted on June 6, 2016.

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,

David Baumeister
Project Manager

Enclosures

Date of Report: June 7, 2016
Samples Submitted: June 6, 2016
Laboratory Reference: 1606-049
Project: 16-026K

Case Narrative

Samples were collected on June 4, 2016 and received by the laboratory on June 6, 2016. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise 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.

Date of Report: June 7, 2016
Samples Submitted: June 6, 2016
Laboratory Reference: 1606-049
Project: 16-026K

NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**HV-6 North wall**					
Laboratory ID:	06-049-01					
Diesel Fuel #2	**180**	28	NWTPH-Dx	6-6-16	6-6-16	
Lube Oil Range Organics	**ND**	57	NWTPH-Dx	6-6-16	6-6-16	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*98*	*50-150*				
Client ID:	**HV-7 NW wall**					
Laboratory ID:	06-049-02					
Diesel Fuel #2	**41**	29	NWTPH-Dx	6-6-16	6-6-16	
Lube Oil Range Organics	**ND**	57	NWTPH-Dx	6-6-16	6-6-16	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*107*	*50-150*				

Date of Report: June 7, 2016
Samples Submitted: June 6, 2016
Laboratory Reference: 1606-049
Project: 16-026K

NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0606S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	6-6-16	6-6-16	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	6-6-16	6-6-16	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*108*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	06-037-04									
	ORIG	DUP								
Diesel Range	**ND**	**ND**	NA	NA		NA	NA	NA	NA	U1
Lube Oil	**103**	**ND**	NA	NA		NA	NA	NA	NA	
Surrogate:										
o-Terphenyl						*93* *106*	*50-150*			

Date of Report: June 7, 2016
Samples Submitted: June 6, 2016
Laboratory Reference: 1606-049
Project: 16-026K

% MOISTURE

Date Analyzed: 6-6-16

Client ID	Lab ID	% Moisture
HV-6 North wall	06-049-01	12
HV-7 NW wall	06-049-02	13

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

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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.

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H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

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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.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

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.

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T - The sample chromatogram is not similar to a typical _____.

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X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody

Page 1 of 1

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Laboratory Number: 06-049

Company: Resolve E+G
Project Number: 16-026K
Project Name: Grow III Phase II
Project Manager: Ron Nance
Sampled by: Ron Nance

Turnaround Request (in working days)
(Check One) per
☒ Same Day ☒ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days) (TPH analysis 5 Days)
☐ _____ (other)

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260C	Halogenated Volatiles 8260C	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	% Moisture
1	HV-6 North wall #C E	6/4/16	8:15A	Soil	1				X per													X
2	HV-7 NW wall	6/4/16	8:30A	Soil	1				X													X

	Signature	Company	Date	Time
Relinquished	Kelli P. Thomas R. Nance	Resolve E+G	6/4/16	11:30A
Received			6/6/16	1500
Relinquished				
Received				
Relinquished				
Received				

Comments/Special Instructions
Email results please a telephone verbal would also be appreciated if time allows.

Reviewed/Date _____ Reviewed/Date _____ Chromatograms with final report ☐

Data Package: Standard ☐ Level III ☐ Level IV ☐ Electronic Data Deliverables (EDDs) ☐ _____

SELECTED PHOTOGRAPHS

1. Initial excavation for characterization began in the eastern portion of the Grow Community Phase III site. Covered piles of contaminated soils can be seen in the background.

2. Several initial test pit locations were excavated for soils characterization. Building H is the concrete structure to the left of the photo.

Resolve Project 16-027
Date of Photographs: May and June, 2016

3. Beneath the fill and topsoil, some of the gray silty sand with gravel and sand were found to be contaminated with diesel range hydrocarbons.

4. These conduits were being emplaced when the contamination was initially discovered.

5. Obvious decreases in contamination along the margins of the excavation were noted. Some expansion of the plume was observed as remediation was underway.

6. Samples were collected for laboratory testing from walls and floors of the trench area excavation.

7. The western portion of the site was excavated beyond what appeared to be the margins of the plume, to where contamination was no longer indicated or suspected.

8. Following approval of undermining by structural and geotechnical engineers, contaminated soils were removed from beneath Building H.

Resolve Project 16-027
Date of Photographs: May and June, 2016

9. Excavation proceeded beneath Building H until it was determined that contamination was either very low in concentration or not present.

10. A total of five feet was excavated beneath Building H in order to verify that contaminated soils had been removed.