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LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT

First Stop Mart

2316 Southeast Court Avenue
Pendleton, OR 97801

Prepared for

ReadyCap Lending, LLC
US Small Business Administration

Prepared by

Envitechnology, Inc.
9805 NE 116th Street, Suite 300
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September 23, 2021

Project No. 02200709-1

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September 23, 2021

Project number 02200709-1

Mr. Shawn Park
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Cc: US Small Business Administration (US SBA)

Subject: Limited Phase II Environmental Site Assessment Report
First Stop Mart
2316 Southeast Court Avenue, Pendleton, OR 97801

Envitechnology, Inc. is pleased to submit two copies of our report describing the finding of the Subsurface Investigation performed at the above property.

The purpose of this assessment is to evaluate the Recognized Environmental Conditions (RECs) for the purpose of providing sufficient information regarding the nature and extent of contamination to assist in making informed business decisions about the property; and where applicable, providing the level of knowledge necessary to satisfy the innocent purchaser defense under CERCLA.

This assessment was prepared in general accordance with the American Society of Testing and Materials (ASTM) Standard Practices for Environmental Site Assessments: Phase II ESA Process (ASTM Designation: E1903).

If you have any questions or require further clarification of the report findings, please contact the undersigned at your convenience. Thank you for the opportunity to be of service to you.

Yours very truly,

Jake S. Lee, Ph.D.
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1. EXECUTIVE SUMMARY

The Subject Property is a convenience store located at 2316 Southeast Court Avenue, Pendleton, Oregon 97801.

A Phase I environmental site assessment (ESA) was recently conducted on the Subject Property by Partner Engineering and Science, Inc., dated June 26, 2020. According to the report, the Subject Property was previously equipped with a total of six (6) underground storage tanks (USTs). These six (6) USTs were reported to be decommissioned. All of the USTs were removed from the ground or filled in place. However, no sampling data for these USTs or the dispensers were noted in the DEQ files. Based on the lack of sampling at the time of closure or removal, the diesel and gasoline USTs along with associated dispensers are considered a recognized environmental condition (REC).

A total of seven (7) soil borings were advanced into native soils on August 4, 2020. Two (2) borings (B1 and B2) were advanced in the vicinity of the front tank nest to a depth of boring refusal at 10 ft bgs. Two (2) borings (B3 and B4) were advanced in the vicinity of the front dispensing island to a depth of boring refusal at 8 ft bgs. Two (2) borings (B5 and B6) were advanced in the vicinity of the rear tank nest to a depth of boring refusal at 6 and 10 feet bgs. One (1) boring (B7) was advanced in the vicinity of the rear heating oil tank (HOT) nest to a depth of boring refusal at 8 ft bgs. The soil sample within each boring was collected at a deepest depth ranging from 6 to 10 feet bgs, because there was no obvious indication of contamination. Seven (7) soil samples (B1-10, B2-10, B3-8, B4-8, B5-6, B6-10 & B7-8) were collected.

The surface cover at the Site consists of asphalt and concrete. Native soils beneath fill or other surface cover materials include dark brown, very dense, dry, sandy SILT to a depth of 10 feet bgs in front of the Site. The layer of sandy SILT is underlain by a layer of dark brown, very dense, dry, silty GRAVEL at a depth ranging from 4 to 10 at the rear of the building. Groundwater was not encountered during soil borings up to 10 feet bgs. The ground-penetrating radar (GPR) survey could not identify any anomaly indicative of former USTs.

Laboratory analysis of the soil samples for GRO, BTEX, DRO and ORO indicated that petroleum-contaminated soils exceeding the most conservative risk-based concentration (RBC) criteria were not identified at the Subject Property.

- Diesel-range organics (DRO) were detected in one soil sample. However, DRO concentration at 39.8 milligrams per kilogram (mg/kg) was far below the most conservative Oregon Department of Environmental Quality (ODEQ) risk-based regulatory screen criteria (for residential receptors). Other total petroleum hydrocarbons [gasoline-range organics (GRO) and oil-range organics (ORO)] were not detected in all soil samples.

- Toluene and xylene were detected in some of soil samples. However, volatile organic compound (VOC) concentrations were far below the most conservative DEQ risk-based

regulatory screen criteria (for residential receptors). Other VOCs were not detected in the soil samples.

Based on the result of this assessment, no subsurface impacts exceeding DEQ's residential risk-based screening criteria were identified in the areas explored.

The Risk of Contamination at the Subject Property is so minimal that no further investigation is warranted.

2. INTRODUCTION

ReadyCap Lending, Llc. engaged Envitechnology, Inc. to conduct a Limited Phase II ESA on the property, First Stop Mart, located at 2316 Southeast Court Avenue, Pendleton, OR 97801, subsequently referred to in this report as "the Subject Property".

The purpose of the Phase II ESA is to collect and evaluate environmental data at the Site to determine potential impacts to human health and the environment resulting from on-site exposure and/or off-site migration of site contaminants.

This assessment was prepared in general accordance with the American Society of Testing and Materials (ASTM) Standard Practices for Environmental Site Assessments: Phase II ESA Process (ASTM Designation: E1903, 2011 and 2019).

2.1. SCOPE OF SERVICES

The scope of work for this assessment was in general accordance with the American Society of Testing and Materials (ASTM) Standard Practices for Environmental Site Assessments: Phase II ESA Process (ASTM Designation: E1903, 2011 and 2019). The methodologies are described as representing good commercial and customary practice for conducting a Phase II ESA of a property for the purpose of evaluating RECs.

The scope of work included the following tasks:

- Review of Existing Information
- Field Exploration
- Sampling and Chemical Analyses
- Evaluation of Results
- Discussion of Finding and Conclusions

2.2. LIMITATIONS AND EXCEPTIONS OF ASSESSMENTS

This assessment was prepared in general accordance with the ASTM Standard Practices for Environmental Site Assessments: Phase II ESA Process (ASTM Designation: E1903, 2011 and 2019), and contains all of the limitations inherent in these methodologies. No other warranties, expressed or implied, are made as to the professional services provided under the terms of our contract and included in this report.

No ESA can eliminate all uncertainty. Furthermore, any sample, either surface or subsurface, taken for chemical analysis may or may not be representative of a larger population. Professional judgment and interpretation are inherent in the process and uncertainty is inevitable. Additional assessment may be able to reduce the uncertainty.

Even when Phase II ESA work is executed with an appropriate site-specific standard of care, certain conditions present especially difficult detection problems. Such conditions may include, but are not limited to, complex geological settings, the fate and transport characteristics of certain hazardous substances, the distribution of existing contamination, physical limitations imposed by the location of utilities and other man-made objects, and the limitations of assessment technologies.

Phase II ESA does not generally require an exhaustive assessment of environmental conditions on a property. There is a point at which the cost of information obtained and the time required to obtain it outweigh the usefulness of the information and, in fact, may be a material detriment to the orderly completion of transactions. If hazardous substance releases are confirmed on a parcel of property, the extent of further assessment is related to the degree of uncertainty that is acceptable to the user with respect to the real estate transaction.

Measurements and sampling data only represent the site conditions at the time of data collection. Therefore, the usability of data collected as part of this Phase II ESA may have a finite lifetime depending on the application and use being made of the data. An environmental professional should evaluate whether the generated data are appropriate.

3. BACKGROUND

3.1. SITE DESCRIPTION

The Subject Property is a convenience store located at 2316 Southeast Court Avenue, Pendleton, Oregon 97801. The Subject Property is located on the south side of Southeast Court Avenue within a mixed commercial and industrial area of Pendleton, Umatilla County, Oregon. The Site consists of one parcel of land with 1.04 acres in size. The Subject Property is currently improved with a single-story commercial building, which was constructed in 1962 and occupied by First Stop Mart.

3.2. ADJACENT PROPERTIES

The Subject Property is located within a mixed commercial and industrial area of Umatilla County. During the site visit, Envitechnology observed the following land uses on properties in the immediate vicinity of the Subject Property.

North: Southeast Court Avenue and Highway 11 beyond which is a partially paved lot
South: An embarkment beyond which is undeveloped land
East: Saddle Restaurant and Lounge (2220 Southeast Court Avenue)
West: Garner's Sporting Goods (2214 Southeast Court Avenue)

No adjacent properties were identified in the regulatory database.

3.3. PHYSICAL SETTING

The United States Geological Survey (USGS) Pendleton, Oregon Quadrangle 7.5-minute series topographic map was reviewed. According to the contour lines on the topographic map, the Subject Property is located at approximately 1,175 feet above mean sea level (MSL). The contour lines in the area of the Subject Property indicate the area is sloping moderately toward the north.

According to topographic map interpretation, the direction of groundwater in the vicinity of the subject property is inferred to flow toward the north. The nearest surface water in the vicinity of the Subject Property is the Umatilla River located approximately 675 feet north of the Subject Property. No settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed at the subject property during this assessment.

According to available information, a public water system operated by the City of Pendleton serves the Subject Property vicinity. The sources of public water for Pendleton are surface water from the Umatilla River and public wells during drier months.

Information specific to the Subject Property regarding the depth to groundwater and direction of groundwater flow was not available for the subject area. However, according to information obtained from online research, depth to the high water table is anticipated to be greater than 80 feet below ground surface (bgs).

The City of Pendleton and the Subject Property are located within the Umatilla Basin, a topographic and structural trough between the Columbia Hills of Washington and Blue Mountains of Oregon. The Umatilla Basin is located in the southern portion of the Columbia River Plateau physiographic province, which is comprised of a series of flood basalts covering parts of Oregon, Washington, and Idaho. The basalt flows of the Columbia River Basalt Group are late Miocene to early Pliocene (between 17 and 6 million years old), forming an extensive volcanic plateau. Wind-deposited silt and river-deposited silt (loess), sand, and gravel deposits (alluvium) overlie the Columbia River Basalts at the Subject Property. The basalts comprise the lower boundary of the unconfined aquifer at the Subject Property.

Based on information obtained from the United States Department of Agriculture (USDA) Natural Resources Conservation Service Web Soil Survey online database, the Subject Property is mapped as Pilot Rock and Nansene silt loam. The Pilot Rock series consists of moderately deep to a duripan, well drained, moderately permeable soils that formed in loess over a very gravelly duripan. These soils are on fan terraces. Slopes range from one to 70 percent. Typical soil profile is a layer of silt loam to a depth of 27 inches, underlain by a layer of cemented material to a depth of 45 inches, and underlain by a layer of very gravelly sand to a depth of 60 inches.

The Nansene silt loam series consists of deep and very deep, well drained, moderately permeable soils that formed in loess. These soils are on north-facing canyon slopes, hillslopes, and plateaus. Slopes range from two to 70 percent. Typical soil profile is a layer of silt loam to a depth of 60 inches.

3.4. SITE HISTORY

A Phase I ESA was recently conducted on the Subject Property by Partner Engineering and Science, Inc., dated June 26, 2020. According to the report, the Subject Property was previously identified as Iowa Beef Processors at 2216 Southeast Court Avenue and equipped with a total of six (6) underground storage tanks (USTs). The six USTs were reported to be decommissioned. Additional documentation provided by the key site manager, identified that the former USTs consisted of a 500-gallon waste oil UST, two 6,000-gallon diesel USTs, and three 4,000-gallon gasoline USTs. Based on regulatory files from the ODEQ, the five diesel and gasoline USTs were filled in place in either 1977 or 1987. According to Mr. Gurjeet Sandhu, all of the USTs were removed from the ground earlier this year (2020). These USTs were located on the southern and northeastern portions of the subject property. It is unclear as to whether a seventh tank, the HOT illustrated on **Figure 3**, was part of the six USTs discussed above. Furthermore, it is unclear as to whether this HOT (tank # 7) was ever removed or left in place.

An ODEQ inspection memo from 2001 indicated that several of the USTs had voids, petroleum odors were detected near the UST fill openings, and soil contamination was present at the dispenser island. In addition, no sampling data for these USTs or the dispensers were noted in the files. Based on the lack of sampling at the time of closure or removal, the diesel and gasoline USTs along with associated dispensers are considered a REC.

Partner recommended the following:

"A limited subsurface investigation should be conducted in order to determine the presence or absence of soil and/or groundwater contamination due to the former gasoline and diesel USTs on the Subject Property".

3.5. PREVIOUS ENVIRONMENTAL STUDIES

The Subject Property was also previously equipped with a 500-gallon waste oil UST that was closed in place in 2001. At that time, two soil samples were collected from either end of the tank hold and analyzed for total petroleum hydrocarbons as gasoline (TPH-g), diesel (TPH-d), and oil (TPH-o). Laboratory results revealed non-detectable concentrations of the contaminants. According to Mr. Gurjeet Sandhu, the waste oil UST was removed from the ground earlier this year (2020). Based on regulatory oversight, closure and removal of the waste oil UST, and analytical results, the former waste oil UST is not expected to represent a significant environmental concern. Due to this information, no attempt was made to collect additional soil samples for laboratory analysis in the vicinity of the former waste oil UST (**Figure 3**).

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4. FIELD INVESTIGATIONS

4.1. UTILITY LOCATION

Prior to conducting the next phase of the field investigation, Envitechnology requested public utility locating service to check proposed boring locations for the presence of underground utilities.

Envitechnology subcontracted with Utilities Plus, LLC., Yakima to perform an additional site-specific utility clearance on the subject property prior to drilling. Underground utilities that were detected were spray painted on the surface of the Subject Property. All drilling locations were completed without encountering underground utilities or obstructions during the collection of soil samples on the Subject Property.

4.2. GEOPHYSICAL SURVEY

The geophysical survey conducted at the Site prior to geoprobe™ activities employed the use of both electro-magnetic (EM) equipment and GPR to screen the Site for subsurface anomalies characteristics of USTs and other buried metallic objects.

A magnetometer is an instrument used to measure the strength and the direction of magnetic fields and is widely used for measuring the earth's magnetic fields in geophysical surveys. The magnetic properties of naturally occurring materials such as magnetic ore bodies and basic igneous rocks allows them to be identified and mapped by magnetic surveys. Strong local magnetic fields or anomalies are also produced by buried steel objects. Magnetometer surveys find USTs, drums, piles and reinforced concrete foundations by detecting the magnetic anomalies they produce.

GPR is a geophysical method that uses radar pulses to image the subsurface which is the most common method used to locate USTs which can be made of metal or any other material that has different electrical or conductive properties than the surrounding subsurface soil and rocks. The GPR can determine the boundaries of current and/or former UST excavations.

4.3. HEALTH AND SAFETY

A Site Specific Health and Safety Plan was prepared prior to field activities. Envitechnology performed air monitoring for total VOC during all field activities and also enforced the appropriate protective equipment including hard hats, safety glasses, hearing protection, steel-toed boots, and chemical resistant gloves. Air monitoring performed throughout the day indicated that the use of breathing protection equipment was not necessary.

4.4. EXPLORATION METHODS

A total of seven (7) soil borings were advanced into native soils on August 4, 2020, as follows:

- Two (2) borings (B1 and B2) were advanced in the vicinity of the front tank nest to a depth of boring refusal at 10 ft bgs.
- Two (2) borings (B3 and B4) were advanced in the vicinity of the front dispensing island to a depth of boring refusal at 8 ft bgs.
- Two (2) borings (B5 and B6) were advanced in the vicinity of the rear tank nest to a depth of boring refusal at 6 and 10 feet bgs.
- One (1) boring (B7) was advanced in the vicinity of the rear HOT to a depth of boring refusal at 8 ft bgs.

The method of boring was a direct push probe (Geoprobe Systems Model GH40) performed by Beveridge Geo-Services, LLC of Ione, Oregon, which involves the use of truck-mounted hydraulic hammer to push a series of 1.5-inch diameter steel rods to the sampling depth. Every four feet, the rods were removed and disposable Teflon sampling tubes were recovered. New sections of Teflon sampling tubes were used for each sampling depth.

The location of the borings and sampling points are shown in **Figure 3 - Site Plan**.

Photographs of the filed activities conducted on August 4, 2020, are included in **Appendix B – Photographs.**

4.5. SUBSURFACE SOIL SAMPLING METHODS

Seven (7) soil samples (B1-10, B2-10, B3-8, B4-8, B5-6, B6-10 & B7-8) were collected from the Site. The soil sample within each boring was collected at a deepest depth ranging from 6 to 10 feet bgs, because there was no obvious indication of contamination based on such factors noted during probing and sampling as odors, soil discoloration, visual sheen, stratigraphy, and photo-ionization detector (PID) reading. Groundwater was not encountered during soil borings up to a depth of 10 feet bgs.

The undisturbed soil samples were collected continuously using core samplers attached to drive rods. Each borehole was logged according to the United Soil Classification System as described on **Figure A1 in Appendix A**. Borehole logs are included in **Appendix A as Figure A2 through A8**.

Soil samples were collected in accordance with EPA method 5035A (US EPA, 2002). Soil samples were recovered using a hand sampler to take about 5 grams of soil from each soil core. Samples were transferred from the samplers directly to sterilized glassware with Teflon-sealed lids furnished by the project laboratory. Samples were stored in an iced chest at the Site and taken to the lab in this condition to minimize excessive dissipation of volatile fraction hydrocarbons. Each container was clearly labeled as to boring number, sample number, geologist, etc. Environmental Protection Agency (EPA) recommended 5035 sampling protocol for sample

collection and management including maintenance of chain-of-custody documentation was observed at each stage of the project. Each sample was collected into a two-ounce jar for dry weight determination.

4.6. FIELD SCREENING

Soil samples obtained from the core sampler were screened with visual and olfactory indications and PID. Prior to use, the PID was calibrated against a 100 parts per million (ppm) isobutylene span gas in air mixture. The instrument was then zeroed against the ambient air near the work area. The PID is useful for qualitative field screening of VOCs and provides a basis for comparison between soil samples collected in the field. Soil samples were placed into sealable plastic bags and allowed to sit in a warm area for volatilization to occur. After approximately 5 minutes, VOCs were field measured by placing the tip of the PID into the head space above each sample in each bag. This is not a compound-specific analysis and is affected by, among other influences, climate (e.g., temperature and humidity), soil type and conditions, instrument calibration and operation, and type of VOCs present.

4.7. CHEMICAL ANALYTICAL METHODS

The chemical testing was designed to detect the contaminants suspected to be present in the samples collected. The testing plan included tests which provide quality assurance (QA) and techniques that provide quality control (QC) over the chemical analysis. A completed chain of custody record accompanied each sample shipment to the analytical laboratory. Chain of custody records provide written documentation regarding sample collection and handling, identify the persons involved in the chain of sample possession, and a written record of requested analytical parameters.

The soil samples were analyzed for the presence of petroleum-related contaminants – gasoline range organics (GRO), benzene, toluene, ethyl benzene, and xylene (BTEX) in accordance with NWTPH-Gx & EPA 8260C and diesel range organics (DRO) and oil range organics (ORO) in accordance with NWTPH-Dx.

The samples were sent to the ODEQ accredited lab, Fremont Analytical located at 3600 Fremont Ave N, Seattle, WA 98103. The location, depth and type of samples collected are summarized in **Table 1**.

4.8. DECONTAMINATION AND HOLE CLOSURE

Boreholes were filled with bentonite granules, 2 feet of concrete mix, and patched with asphalt. Disposable sampling equipment were disposed of at each sample interval. Non-disposable sampling equipment were decontaminated by scrubbing in a solution of Alconox and potable water, followed by rinses with potable water between test holes. Soil cuttings, decontamination

water, and purge water were stored in labeled drums in a secure location until they can be profiled and appropriately disposed of.

5. ANALYTICAL RESULTS

5.1. SUBSURFACE CONDITIONS

A general characterization of the on-site soil units encountered during our exploration is presented in this section. The Boring Logs in **Appendix A** present details of the soil encountered at each boring location.

The seven soil borings were extended up to 10 feet bgs. The surface cover at the Site consists of asphalt and concrete. Native soils beneath fill or other surface cover materials include dark brown, very dense, dry, sandy SILT to a depth of 10 feet bgs in front of the Site. The layer of sandy SILT is underlain by a layer of dark brown, very dense, dry, silty GRAVEL at a depth ranging from 4 to 10 feet bgs at the rear of the building. Groundwater was not encountered during soil borings up to 10 feet bgs.

All soil samples were screened for VOCs with a MiniRae 3000 PID. VOCs were not detected with the PID. The physical soil conditions did not indicate the presence of petroleum impact (e.g., soil staining, petroleum odors, PID detection). No additional soil samples or boring locations were added based on the lack of any field indicators of subsurface contamination.

5.2. GEOPHYSICAL SURVEY

Prior to conducting the subsurface investigation, a physical survey using EM equipment and GPR was conducted. The GPR survey could not identify any anomaly indicative of former USTs. However, the geophysical survey could locate and identify underground utilities.

5.3. SOIL ANALYTICAL RESULTS

Chemical analytical testing results are compared to a range of ODEQ RBCs for various potential human receptor scenarios (ODEQ 2018).

These RBC screening levels are presented for reference on **Table 2**. Laboratory documents are located in **Appendix C - Laboratory Report**.

Seven (7) soil samples were collected at the Subject Property and submitted for GRO and BTEX by Northwest Method NWTPH-Gx and EPA Method 8260C, respectively, as well as DRO and ORO by Northwest Method NWTPH-Dx.

Soil analytical results are summarized below and on **Table 2**.

- DRO was detected in one soil sample. However, the DRO concentration at 39.8 mg/kg was far below the most conservative ODEQ risk-based regulatory screen criteria (for

residential receptors). Other total petroleum hydrocarbons (GRO and ORO) were not detected in all soil samples.

- Toluene and xylene were detected in some of soil samples. However, VOC concentrations were far below the most conservative ODEQ risk-based regulatory screen criteria (for residential receptors). Other VOCs were not detected in the soil samples.

Based on the result of this assessment, petroleum-contaminated soils exceeding the most conservative RBC criteria were not identified at the Subject Property.

6. PROPOSED CLEANUP STANDARDS

6.1. RECOGNIZED ENVIRONMENTAL CONDITIONS

The recognized on-site environmental concerns assessed as part of this Phase II ESA were as follows:

The Subject Property was previously equipped with a total of six (6) underground storage tanks (USTs). These six (6) USTs were reported to be decommissioned. All of the USTs were removed from the ground or filled in place. However, no sampling data for these USTs or the dispensers were noted in the DEQ files. Based on the lack of sampling at the time of closure or removal, the diesel and gasoline USTs along with associated dispensers are considered a recognized environmental condition.

6.2. CONCEPTUAL SITE MODEL

The conceptual site model takes into consideration the potential distribution of contaminants with respect to the properties, behaviors and fate and transport characteristics of the contaminant in a setting such as that being assessed. The sampling plan was designed to provide for the collection of potentially contaminated environmental media, if they occur, at locations and depths where the higher concentrations are likely to occur.

Contaminants of Concern (COCs) include the following:

- Total petroleum hydrocarbons – GRO, DRO and ORO
- BTEX

The source of COCs is the operations of the property as a fueling service station. Based on the age of the service station, typical operation procedures at that time likely resulted in spills, drips, and/or leaks of petroleum compounds.

The possible exposure pathway and the related potential receptors associated with soil impacted by COCs include the following:

- *Soil Ingestion, Dermal Contact, and inhalation Exposure Pathway*. For the Residential and Occupational receptor scenario, this exposure pathway must be considered when contamination is present in the upper 3 feet of soils. According to the Conceptual Site Model, this exposure pathway is potentially complete for current and future Urban Residential and Occupational, Construction and Excavation receptors. PID reading on the soil samples collected from a depth of 4 feet bgs through total depth of 10 feet bgs, indicates that VOCs were not detected in the soil borings at those depth ranges. Laboratory analyses confirmed that petroleum hydrocarbon constituents did not exceed RBCs for this exposure pathway.

- *Soil Volatilization to Outdoor Air Pathway*. Based on the Conceptual Site Model this exposure pathway is potentially complete for current and future Urban Residential, Occupational, Construction and Excavation receptors. Volatile COCs were not detected at concentrations that exceeded RBCs for potential receptors via this exposure pathway.

- *Soil Vapor Intrusion into Buildings Pathway*. Based on the Conceptual Site Model this exposure pathway is potentially complete for current and future Urban Residential, Occupational, Construction and Excavation receptors. Volatile COCs were not detected at concentrations that exceeded RBCs for potential receptors via this exposure pathway.

- *Soil Leaching to Groundwater*. Based on the Conceptual Site Model this exposure pathway is not included. Groundwater was not encountered during soil borings up to 10 feet bgs. Moreover, shallow groundwater is likely greater than 80 feet bgs below the Site, and is unlikely to be used as a potable water resource in the Pendleton, Oregon area.

6.3. AFFECTED MEDIA

Based on the results of this assessment, impacted soil above applicable or relevant and appropriate requirements ("ARARs") were not identified.

The data gathered during this assessment is sufficient to determine whether products were released or disposed at the property. With respect to the RECs assessed, petroleum products have not been released or disposed on the property.

6.4. PROPOSED CLEANUP LEVELS

Chemical analytical testing results are compared to a range of ODEQ RBCs for various potential human receptor scenarios (ODEQ 2018). These RBCs represent screening levels that are considered to be conservative for the protection of human health. Under these guidelines, chemical exposure to humans is considered under several scenarios. In general, the more stringent scenarios consider residential exposure. The less stringent scenarios consider commercial or industrial exposure. Site-specific scenarios consider urban residential, occupational, construction and excavation worker receptors.

These RBC screening levels (ODEQ RBCs) are presented for reference on **Table 2**. Laboratory documents are located in **Appendix C - Laboratory Report**.

6.5. OTHER CONCERNS

There were no other concerns identified during this Phase II ESA.

6.6. CONCLUSIONS

No subsurface impacts exceeding ODEQ's applicable risk-based screening criteria were identified in the areas explored.

- Petroleum hydrocarbon constituents were detected in some soil samples, at concentrations far below applicable soil screening criteria.

7. RECOMMENDATIONS

Based on the results of this assessment the following is recommended:

The Risk of Contamination at the Subject Property is so minimal that no further investigation is warranted.

REFERENCES

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TABLES

Table 1. Location, Depth and Type of Samples Collected

Sample ID	Sample type	Depth (ft)	Location	Compound of concern	Analysis method	Date collected
B1-10	Soil	10	B1	GRO, BTEX DRO, ORO	NWTPH-Gx, EPA 8260C NWTPH-Dx	8/4/2020 10:30
B2-10	Soil	10	B2	GRO, BTEX DRO, ORO	NWTPH-Gx, EPA 8260C NWTPH-Dx	8/4/2020 10:45
B3-8	Soil	8	B3	GRO, BTEX DRO, ORO	NWTPH-Gx, EPA 8260C NWTPH-Dx	8/4/2020 11:10
B4-8	Soil	8	B4	GRO, BTEX DRO, ORO	NWTPH-Gx, EPA 8260C NWTPH-Dx	8/4/2020 11:30
B5-6	Soil	6	B5	GRO, BTEX DRO, ORO	NWTPH-Gx, EPA 8260C NWTPH-Dx	8/4/2020 12:15
B6-10	Soil	10	B6	GRO, BTEX DRO, ORO	NWTPH-Gx, EPA 8260C NWTPH-Dx	8/4/2020 12:30
B7-8	Soil	8	B7	GRO, BTEX DRO, ORO	NWTPH-Gx, EPA 8260C NWTPH-Dx	8/4/2020 12:50

Notes
GRO – gasoline range organics
DRO – diesel range organics
ORO – oil range organics
BTEX – benzene, toluene, ethyl benzene, and xylene

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Table 2. Summary of Soil Analytical Results (mg/kg)

	Benzene	Toluene	Ethyl Benzene	m,p-Xylene	o-Xylene	GRO	DRO	ORO
B1-10	<0.0265	**0.0305**	<0.0331	<0.0662	<0.0331	<6.62	<23.9	<59.8
B2-10	<0.0218	**0.0315**	<0.0273	<0.0273	<0.0546	<5.49	**39.8**	<45.5
B3-8	<0.0260	<0.0260	<0.0325	<0.0650	<0.0325	<6.50	<24.9	<62.2
B4-8	<0.0294	**0.0401**	<0.0368	<0.0735	<0.0368	<7.35	<23.9	<59.6
B5-6	<0.0224	<0.0224	<0.0280	<0.0560	<0.0280	<5.60	<20.5	<51.3
B6-10	<0.0193	<0.0193	<0.0241	<0.0482	<0.0241	<4.82	<18.8	<47.0
B7-8	<0.0230	**0.0466**	<0.0288	**0.0585**	<0.0288	<5.75	<22.9	<57.3
Residential Direct Contact[a]	8.2	5,800	34	1,400	1,400	1,200	1,100	2,800
Urban Residential Direct Contact[b]	24	12,000	110	2,900	2,900	2,500	2,200	5,700
Occupational Direct Contact[c]	37	88,000	150	25,000	25,000	20,000	14,000	36,000
Construc Worker Direct Contact[d]	380	28,000	1,700	20,000	20,000	9.700	4,600	11,000
Excavation Worker Direct Contact[e]	11,000	770,000	49,000	560,000	560,000	>Max	>Max	>Max
Residential Vol. to outdoor air[f]	11	>Csat	36	>Csat	>Csat	5,900	>Max	>Max
Urban reside Vol. to Outdoor Air[g]	27	>Csat	85	>Csat	>Csat	5,900	>Max	>Max
Occupational Vol. to Outdoor Air[h]	50	>Csat	150	>Csat	>Csat	69,000	>Max	>Max
Residential Vapor Intrusion[i]	0.16	>Csat	1.3	160	160	94	>Max	>Max
Urban Residential Vapor Intrusion[j]	0.38	>Csat	3.0	160	160	94	>Max	>Max
Occupational Vapor Intrusion[k]	2.1	>Csat	17	>Csat	>Csat	>Max	>Max	>Max

Notes

Department of Environmental Quality (DEQ), Generic risk-based concentrations (RBCs) (Rev. May 2018)

[a]DEQ, RBCs for soil ingestion, dermal contact, and inhalation in a residential setting

[b]DEQ, RBCs for soil ingestion, dermal contact, and inhalation in an urban residential setting

[c]DEQ, RBCs for soil ingestion, dermal contact, and inhalation in an occupational setting

[d]DEQ, RBCs for soil ingestion, dermal contact, and inhalation for a construction worker

[e]DEQ, RBCs for soil ingestion, dermal contact, and inhalation for a excavation worker

[f]DEQ, RBCs for soil volatilization to outdoor air in a residential setting

[g]DEQ, RBCs for soil volatilization to outdoor air in an urban residential setting

[h]DEQ, RBCs for soil volatilization to outdoor air in an occupational setting

[i]DEQ, RBCs for vapor intrusion into buildings in a residential setting

[j]DEQ, RBCs for vapor intrusion into buildings in an urban residential setting

[k]DEQ, RBCs for vapor intrusion into buildings in an occupational setting

>Csat – The soil RBC exceeds the limits for three-phase equilibrium partitioning

>Max – The soil RBC is greater than 1,000,000,000 mg/kg, therefore not to pose risks.

GRO – gasoline range organics

DRO – diesel range organics

ORO – heavy oil range organics

FIGURES

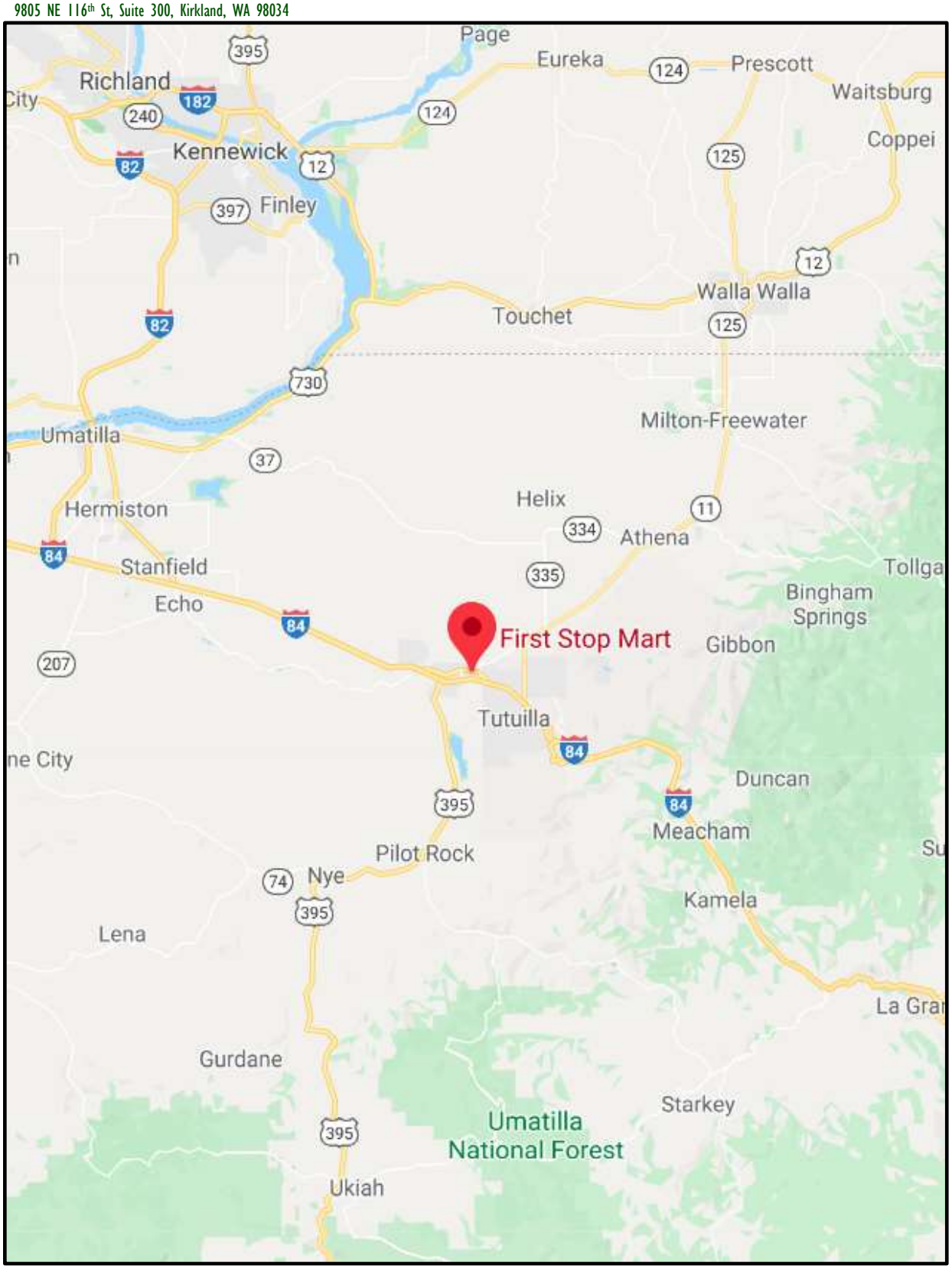

Figure 1. Site Location Map

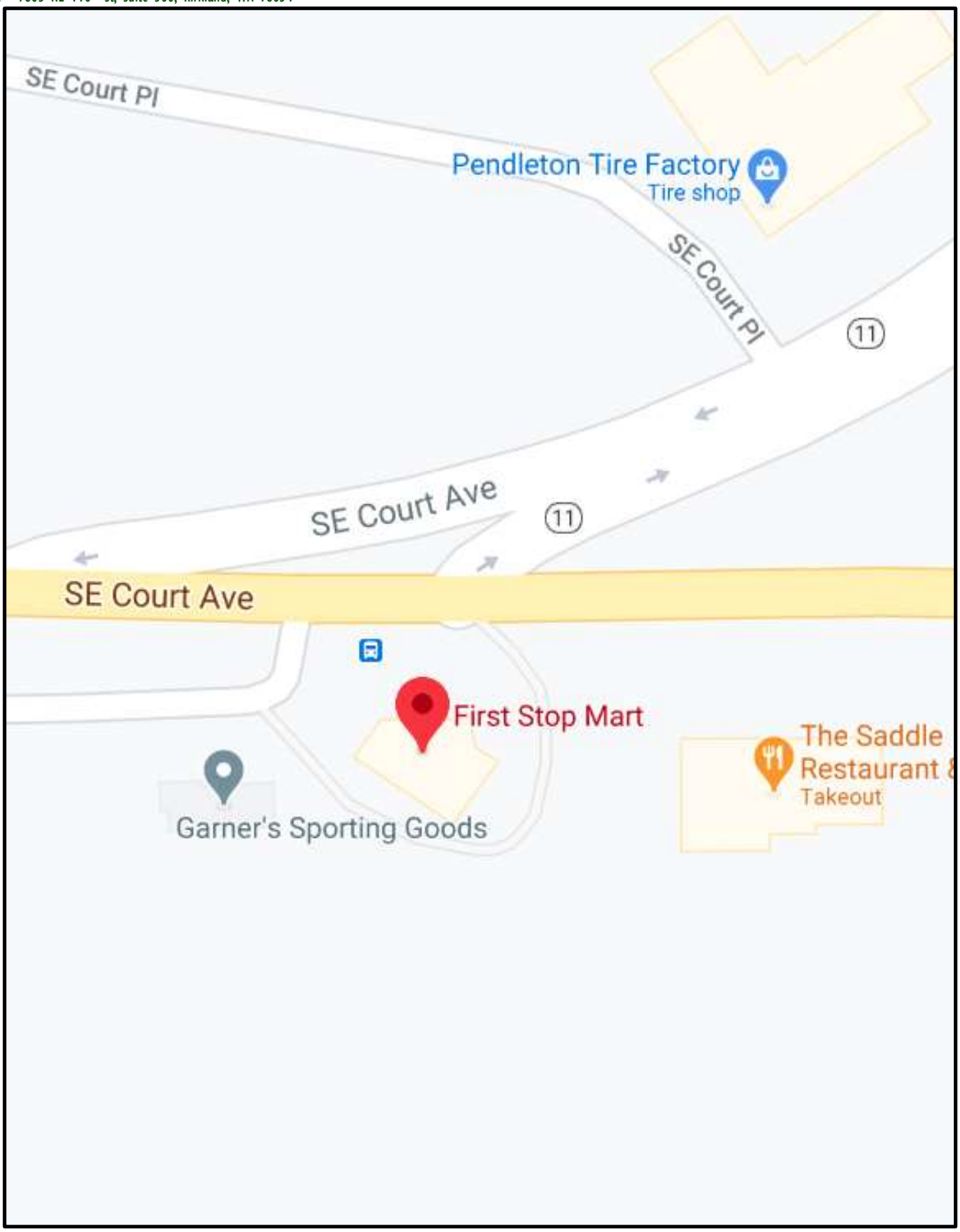

Figure 2. Site Vicinity Map

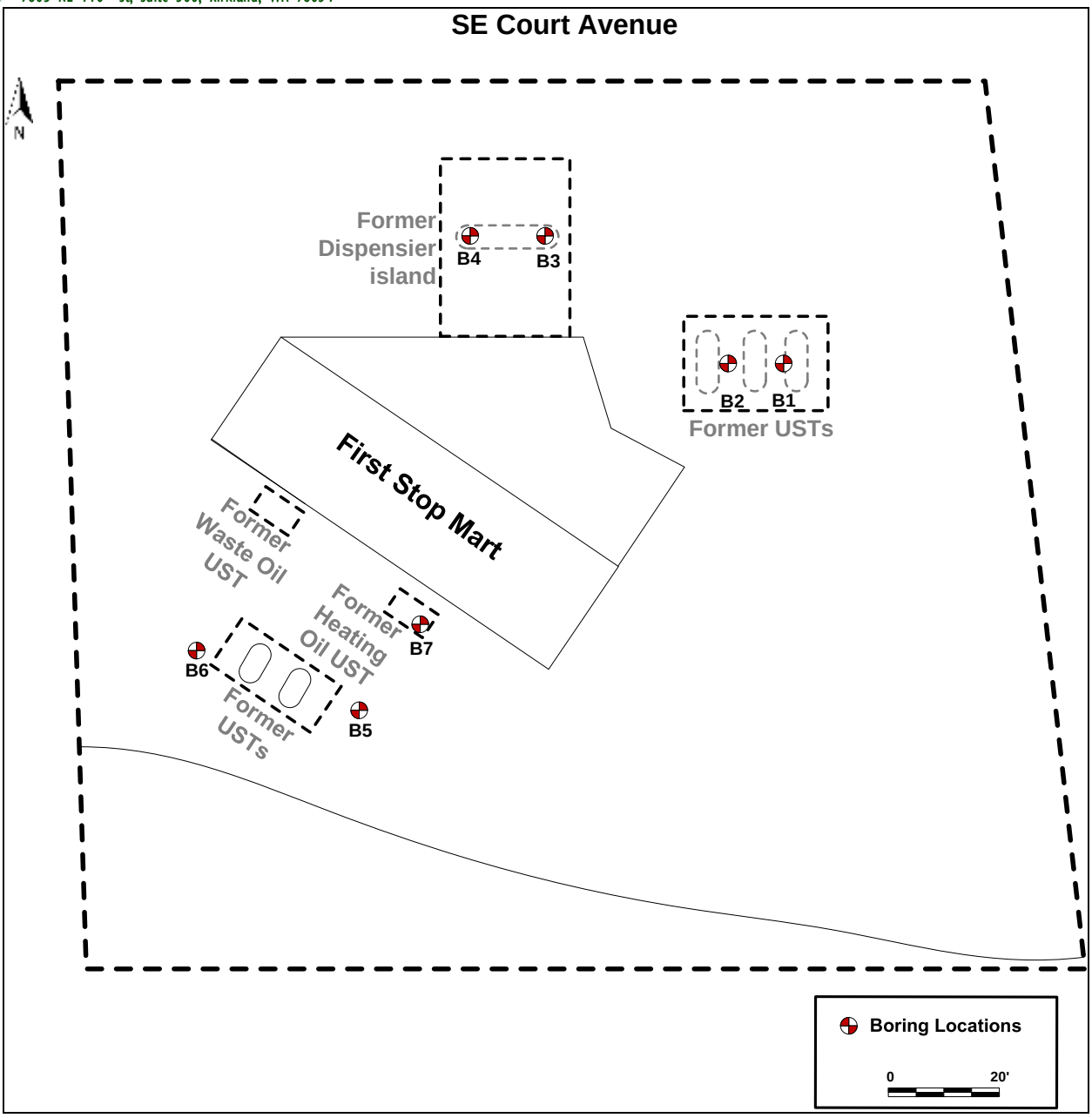

Figure 3. Site Plan

APPENDICES

APPENDIX A. BORING LOGS

A

Unified Soil Classification System Chart

Major Divisions			Graph	USCS	Typical Description
Coarse Grained Soils More Than 50% Retained On No. 200 Sieve	**Gravel** More Than 50% of Coarse Fraction Retained On No. 4 Sieve	Clean Gravels		GW	Well-graded Gravels, Gravel-Sand Mixtures
				GP	Poorly-Graded Gravels, Gravel-Sand Mixtures
		Gravels With Fines		GM	Silty Gravels, Gravel-Sand-Silt Mixtures
				GC	Clayey Gravels, Gravel-Sand-Clay Mixtures
	Sand More Than 50% of Coarse Fraction Passing No. 4 Sieve	Clean Sands		SW	Well-graded Sands, Gravelly Sands
				SP	Poorly-Graded Sands, Gravelly Sands
		Sands With Fines		SM	Silty Sands, Sand-Silt Mixtures
				SC	Clayey Sands, Clay Mixtures
Fine Grained Soils More Than 50% Passing The No. 200 Sieve	**Silts & Clays**	Liquid Limit Less Than 50		ML	Inorganic Silts, rock Flour, Clayey Silts With Low Plasticity
				CL	Inorganic Clays of Low To Medium Plasticity
				OL	Organic Silts and Organic Silty Clays of Low Plasticity
	Silts & Clays	Liquid Limit Greater Than 50		MH	Inorganic Silts of Moderate Plasticity
				CH	Inorganic Clays of High Plasticity
				OH	Organic Clays And Silts of Medium to High Plasticity
Highly Organic Soils				PT	Peat, Humus, Soils with Predominantly Organic Content

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The Unified Soil Classification System (USCS)

8/4/2020	Figure A1

Log of Borehole – B1

Project: First Stop Mart	Approximate Elevation: 1,175 ft. above sea level
Loc: 2316 E Court Ave, Pendleton, OR	Drilling Method: Geoprobe (model GH40)
Driller: Beveridge Geo-Services, Llc	Logged by: Jake Lee

Depth (ft)	Well	Water Table	Symbol	USCS	Soil Sample	Water sample	PID Reading	Soil Description
	NO WELL CONSTRUCTED							Top asphalt Crushed Gravel; FILL Materials
							0.0	
5				Fill				
							0.1	
				ML				Dark brown, sandy SILT (ML); dry, very dense
10					B1-10		0.0	Soil sample at 10 feet bgs (B1-10) at 10:30.
								Boring refusal at 10 feet bgs. No groundwater encountered.
15								
20								
25								

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First Stop Mart

8/4/2020	**Figure A2**

Log of Borehole – B2

Project: First Stop Mart	Approximate Elevation: 1,175 ft. above sea level
Loc: 2316 E Court Ave, Pendleton, OR	Drilling Method: Geoprobe (model GH40)
Driller: Beveridge Geo-Services, Llc	Logged by: Jake Lee

Depth (ft)	Well	Water Table	Symbol	USCS	Soil Sample	Water sample	PID Reading	Soil Description
	NO WELL CONSTRUCTED							Top asphalt Crushed Gravel; FILL Materials
							0.0	
5				Fill				
							0.1	
				ML				Dark brown, sandy SILT (ML); dry, very dense
10					B2-10		0.0	Soil sample at 10 feet bgs (B2-10) at 10:45.
								Boring refusal at 10 feet bgs. No groundwater encountered.
15								
20								
25								

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First Stop Mart

8/4/2020	**Figure A3**

Log of Borehole – B3

Project: First Stop Mart	Approximate Elevation: 1,175 ft. above sea level
Loc: 2316 E Court Ave, Pendleton, OR	Drilling Method: Geoprobe (model GH40)
Driller: Beveridge Geo-Services, Llc	Logged by: Jake Lee

Depth (ft)	Well	Water Table	Symbol	USCS	Soil Sample	Water sample	PID Reading	Soil Description
	NO WELL CONSTRUCTED							Top concrete
							0.0	Dark brown, sandy SILT, dry, very dense
5				ML				
					B3-8		0.0	Soil sample at 8 feet bgs (B3-8) at 11:10.
								Boring refusal at 8 feet bgs.
10							0.0	No groundwater encountered.
15								
20								
25								

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First Stop Mart

8/4/2020	Figure A4

Log of Borehole – B4

Project: First Stop Mart	Approximate Elevation: 1,175 ft. above sea level
Loc: 2316 E Court Ave, Pendleton, OR	Drilling Method: Geoprobe (model GH40)
Driller: Beveridge Geo-Services, Llc	Logged by: Jake Lee

Depth (ft)	Well	Water Table	Symbol	USCS	Soil Sample	Water sample	PID Reading	Soil Description
	NO WELL CONSTRUCTED							Top concrete
							0.0	Dark brown, sandy SILT, dry, very dense
5				ML				
					B4-8		0.0	Soil sample at 8 feet bgs (B4-8) at 11:30.
								Boring refusal at 8 feet bgs.
10							0.0	No groundwater encountered.
15								
20								
25								

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First Stop Mart

8/4/2020	Figure A5

Log of Borehole – B5

Project: First Stop Mart	Approximate Elevation: 1,175 ft. above sea level
Loc: 2316 E Court Ave, Pendleton, OR	Drilling Method: Geoprobe (model GH40)
Driller: Beveridge Geo-Services, Llc	Logged by: Jake Lee

Depth (ft)	Well	Water Table	Symbol	USCS	Soil Sample	Water sample	PID Reading	Soil Description
	NO WELL CONSTRUCTED							Top concrete
				ML			0.0	Dark brown, sandy SILT, dry, very dense
5				GM	B5-6		0.0	Dark brown, silty GRAVEL, very dense Soil sample at 6 feet bgs (B5-6) at 12:15.
10								Boring refusal at 6 feet bgs. No groundwater encountered.
15								
20								
25								

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First Stop Mart

8/4/2020	Figure A6

Log of Borehole – B6

Project: First Stop Mart	Approximate Elevation: 1,175 ft. above sea level
Loc: 2316 E Court Ave, Pendleton, OR	Drilling Method: Geoprobe (model GH40)
Driller: Beveridge Geo-Services, Llc	Logged by: Jake Lee

Depth (ft)	Well	Water Table	Symbol	USCS	Soil Sample	Water sample	PID Reading	Soil Description
	NO WELL CONSTRUCTED							Top concrete
				ML			0.0	Dark brown, sandy SILT, dry, very dense
5								
				GM			0.0	Dark brown, silty GRAVEL, very dense
10					B6-10		0.0	Soil sample at 10 feet bgs (B6-10) at 12:30.
								Boring refusal at 10 feet bgs. No groundwater encountered.
15								
20								
25								

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First Stop Mart

8/4/2020	Figure A7

Log of Borehole – B7

Project: First Stop Mart	Approximate Elevation: 1,175 ft. above sea level
Loc: 2316 E Court Ave, Pendleton, OR	Drilling Method: Geoprobe (model GH40)
Driller: Beveridge Geo-Services, Llc	Logged by: Jake Lee

Depth (ft)	Well	Water Table	Symbol	USCS	Soil Sample	Water sample	PID Reading	Soil Description
	NO WELL CONSTRUCTED			ML			0.0	Top concrete Dark brown, sandy SILT, dry, very dense
5								
				GM	B7-8		0.0	Dark brown, silty GRAVEL, very dense Soil sample at 8 feet bgs (B7-8) at 12:50.
10								Boring refusal at 8 feet bgs. No groundwater encountered.
15								
20								
25								

APPENDIX B. SITE PHOTOGRAPHS

B

Photo 1. A front view of the Subject Property looking south.

Photo 2. A rear view of the Subject Property looking north.

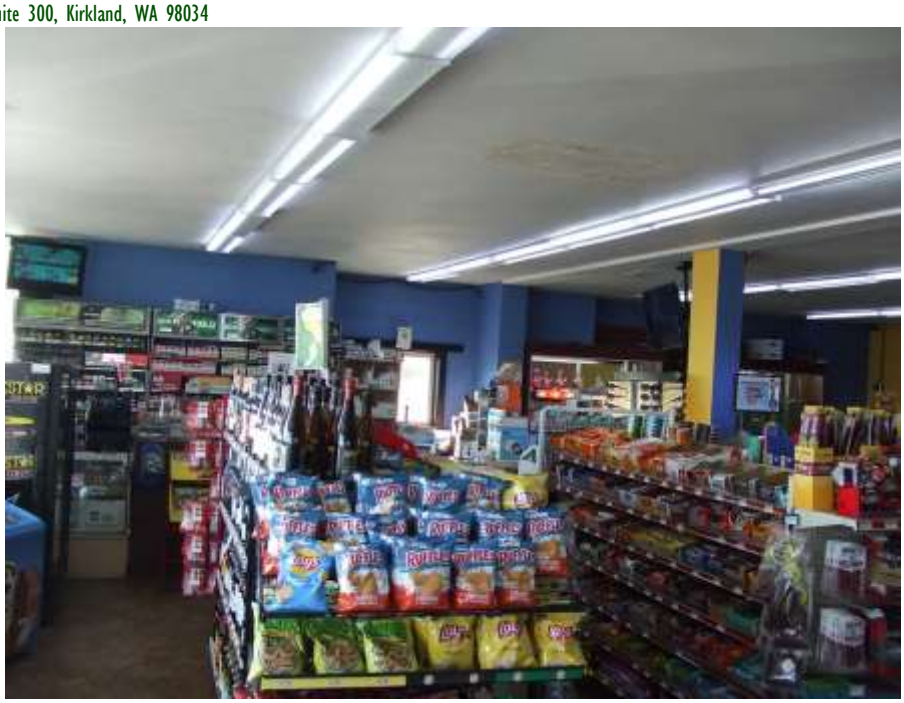

Photo 3. An inside view of the convenience store.

Photo 4. A view of the former pump island looking west.

Photo 5. A view of the former USTs pad looking west.

Photo 6. A view of the former USTs pad at the rear of the building looking west.

Photo 7. A view of the former heating oil location looking north.

Photo 8. A view of the former waste oil UST pad looking west.

Photo 9. A view of the private locating.

Photo 10. A view of the GPR survey.

Photo 11. A view of the soil boring – B1.

Photo 12. A view of the soil boring – B2.

Photo 13. A view of the soil boring – B3.

Photo 14. A view of the soil boring – B4.

Photo 15. A view of the soil boring – B5.

Photo 16. A view of the soil boring – B6.

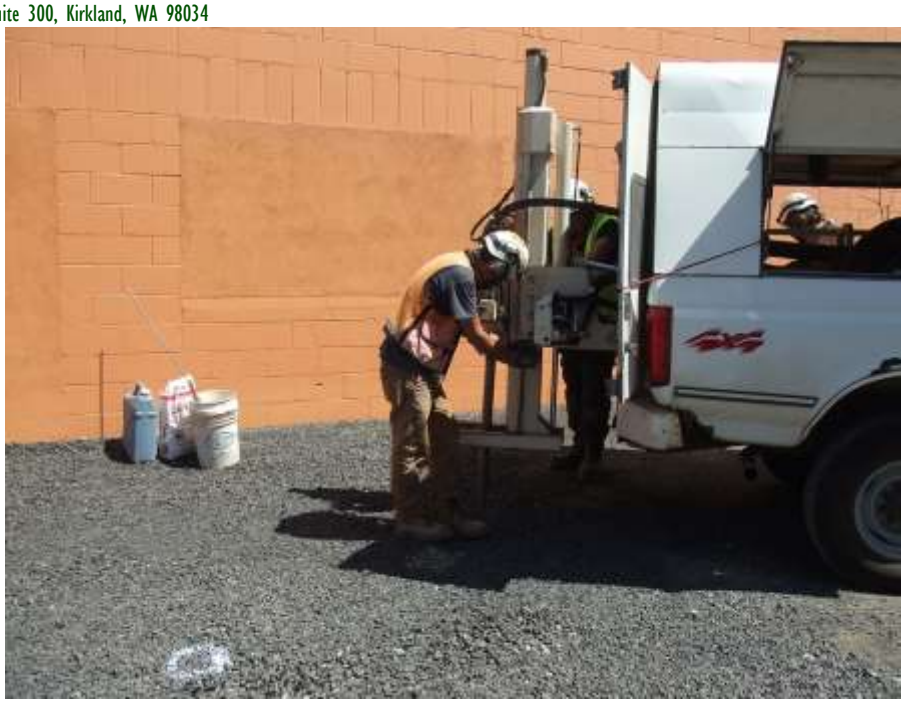

Photo 17. A view of the soil boring – B7.

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APPENDIX C. LABORATORY REPORT

C

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Envitechnology, Inc.
Jake Lee
9805 NE 116th Street #300
Kirkland, WA 98034

RE: First Stop Mart
Work Order Number: 2008050

August 21, 2020

Attention Jake Lee:

Fremont Analytical, Inc. received 7 sample(s) on 8/5/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

Date: *08/21/2020*

CLIENT: Envitechnology, Inc.
Project: First Stop Mart
Work Order: 2008050

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2008050-001	B1-10	08/04/2020 10:30 AM	08/05/2020 10:27 AM
2008050-002	B2-10	08/04/2020 10:45 AM	08/05/2020 10:27 AM
2008050-003	B3-8	08/04/2020 11:10 AM	08/05/2020 10:27 AM
2008050-004	B4-8	08/04/2020 11:30 AM	08/05/2020 10:27 AM
2008050-005	B5-6	08/04/2020 12:15 PM	08/05/2020 10:27 AM
2008050-006	B6-10	08/04/2020 12:30 PM	08/05/2020 10:27 AM
2008050-007	B7-8	08/04/2020 12:50 PM	08/05/2020 10:27 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2008050**

Date: **8/21/2020**

CLIENT: Envitechnology, Inc.

Project: First Stop Mart

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

8/21/2020: Revision 1 includes address update requested by client.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2008050**
Date Reported: **8/21/2020**

Client: Envitechnology, Inc.
Project: First Stop Mart
Lab ID: 2008050-001
Client Sample ID: B1-10

Collection Date: 8/4/2020 10:30:00 AM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29289		Analyst: DW
Diesel (Fuel Oil)	ND	23.9		mg/Kg-dry	1	8/7/2020 10:30:30 PM
Heavy Oil	ND	59.8		mg/Kg-dry	1	8/7/2020 10:30:30 PM
Surr: 2-Fluorobiphenyl	110	50 - 150		%Rec	1	8/7/2020 10:30:30 PM
Surr: o-Terphenyl	107	50 - 150		%Rec	1	8/7/2020 10:30:30 PM
Gasoline by NWTPH-Gx				Batch ID: 29265		Analyst: KT
Gasoline	ND	6.62		mg/Kg-dry	1	8/7/2020 10:23:33 PM
Surr: Toluene-d8	100	65 - 135		%Rec	1	8/7/2020 10:23:33 PM
Surr: 4-Bromofluorobenzene	94.2	65 - 135		%Rec	1	8/7/2020 10:23:33 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29265		Analyst: KT
Benzene	ND	0.0265		mg/Kg-dry	1	8/7/2020 10:23:33 PM
Toluene	0.0305	0.0265		mg/Kg-dry	1	8/7/2020 10:23:33 PM
Ethylbenzene	ND	0.0331		mg/Kg-dry	1	8/7/2020 10:23:33 PM
m,p-Xylene	ND	0.0662		mg/Kg-dry	1	8/7/2020 10:23:33 PM
o-Xylene	ND	0.0331		mg/Kg-dry	1	8/7/2020 10:23:33 PM
Surr: Dibromofluoromethane	94.3	83.3 - 111		%Rec	1	8/7/2020 10:23:33 PM
Surr: Toluene-d8	99.3	87.9 - 111		%Rec	1	8/7/2020 10:23:33 PM
Surr: 1-Bromo-4-fluorobenzene	98.3	85.1 - 111		%Rec	1	8/7/2020 10:23:33 PM
Sample Moisture (Percent Moisture)				Batch ID: R61090		Analyst: EH
Percent Moisture	16.5	0.500		wt%	1	8/11/2020 8:34:07 AM

Analytical Report

Work Order: **2008050**
Date Reported: **8/21/2020**

Client: Envitechnology, Inc.
Collection Date: 8/4/2020 10:45:00 AM
Project: First Stop Mart
Lab ID: 2008050-002
Matrix: Soil
Client Sample ID: B2-10

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29289		Analyst: DW
Diesel (Fuel Oil)	39.8	18.2		mg/Kg-dry	1	8/7/2020 11:59:52 PM
Heavy Oil	ND	45.5		mg/Kg-dry	1	8/7/2020 11:59:52 PM
Surr: 2-Fluorobiphenyl	99.7	50 - 150		%Rec	1	8/7/2020 11:59:52 PM
Surr: o-Terphenyl	95.9	50 - 150		%Rec	1	8/7/2020 11:59:52 PM
Gasoline by NWTPH-Gx				Batch ID: 29265		Analyst: KT
Gasoline	ND	5.46		mg/Kg-dry	1	8/7/2020 6:22:30 PM
Surr: Toluene-d8	99.8	65 - 135		%Rec	1	8/7/2020 6:22:30 PM
Surr: 4-Bromofluorobenzene	99.2	65 - 135		%Rec	1	8/7/2020 6:22:30 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29265		Analyst: KT
Benzene	ND	0.0218		mg/Kg-dry	1	8/7/2020 6:22:30 PM
Toluene	0.0315	0.0218		mg/Kg-dry	1	8/7/2020 6:22:30 PM
Ethylbenzene	ND	0.0273		mg/Kg-dry	1	8/7/2020 6:22:30 PM
m,p-Xylene	ND	0.0546		mg/Kg-dry	1	8/7/2020 6:22:30 PM
o-Xylene	ND	0.0273		mg/Kg-dry	1	8/7/2020 6:22:30 PM
Surr: Dibromofluoromethane	102	83.3 - 111		%Rec	1	8/7/2020 6:22:30 PM
Surr: Toluene-d8	98.0	87.9 - 111		%Rec	1	8/7/2020 6:22:30 PM
Surr: 1-Bromo-4-fluorobenzene	104	85.1 - 111		%Rec	1	8/7/2020 6:22:30 PM
Sample Moisture (Percent Moisture)				Batch ID: R61090		Analyst: EH
Percent Moisture	5.56	0.500		wt%	1	8/11/2020 8:34:07 AM

Analytical Report

Work Order: **2008050**
Date Reported: **8/21/2020**

Client: Envitechnology, Inc.
Collection Date: 8/4/2020 11:10:00 AM
Project: First Stop Mart
Lab ID: 2008050-003
Matrix: Soil
Client Sample ID: B3-8

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29289		Analyst: DW
Diesel (Fuel Oil)	ND	24.9		mg/Kg-dry	1	8/8/2020 12:29:38 AM
Heavy Oil	ND	62.2		mg/Kg-dry	1	8/8/2020 12:29:38 AM
Surr: 2-Fluorobiphenyl	118	50 - 150		%Rec	1	8/8/2020 12:29:38 AM
Surr: o-Terphenyl	116	50 - 150		%Rec	1	8/8/2020 12:29:38 AM
Gasoline by NWTPH-Gx				Batch ID: 29265		Analyst: KT
Gasoline	ND	6.50		mg/Kg-dry	1	8/7/2020 11:23:49 PM
Surr: Toluene-d8	100	65 - 135		%Rec	1	8/7/2020 11:23:49 PM
Surr: 4-Bromofluorobenzene	95.0	65 - 135		%Rec	1	8/7/2020 11:23:49 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29265		Analyst: KT
Benzene	ND	0.0260		mg/Kg-dry	1	8/7/2020 11:23:49 PM
Toluene	ND	0.0260		mg/Kg-dry	1	8/7/2020 11:23:49 PM
Ethylbenzene	ND	0.0325		mg/Kg-dry	1	8/7/2020 11:23:49 PM
m,p-Xylene	ND	0.0650		mg/Kg-dry	1	8/7/2020 11:23:49 PM
o-Xylene	ND	0.0325		mg/Kg-dry	1	8/7/2020 11:23:49 PM
Surr: Dibromofluoromethane	92.6	83.3 - 111		%Rec	1	8/7/2020 11:23:49 PM
Surr: Toluene-d8	98.6	87.9 - 111		%Rec	1	8/7/2020 11:23:49 PM
Surr: 1-Bromo-4-fluorobenzene	99.1	85.1 - 111		%Rec	1	8/7/2020 11:23:49 PM
Sample Moisture (Percent Moisture)				Batch ID: R61090		Analyst: EH
Percent Moisture	21.2	0.500		wt%	1	8/11/2020 8:34:07 AM

Analytical Report

Work Order: **2008050**
Date Reported: **8/21/2020**

Client: Envitechnology, Inc.
Collection Date: 8/4/2020 11:30:00 AM
Project: First Stop Mart
Lab ID: 2008050-004
Matrix: Soil
Client Sample ID: B4-8

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29289		Analyst: DW
Diesel (Fuel Oil)	ND	23.9		mg/Kg-dry	1	8/8/2020 12:59:21 AM
Heavy Oil	ND	59.6		mg/Kg-dry	1	8/8/2020 12:59:21 AM
Surr: 2-Fluorobiphenyl	122	50 - 150		%Rec	1	8/8/2020 12:59:21 AM
Surr: o-Terphenyl	116	50 - 150		%Rec	1	8/8/2020 12:59:21 AM
Gasoline by NWTPH-Gx				Batch ID: 29265		Analyst: KT
Gasoline	ND	7.35		mg/Kg-dry	1	8/7/2020 11:53:59 PM
Surr: Toluene-d8	99.9	65 - 135		%Rec	1	8/7/2020 11:53:59 PM
Surr: 4-Bromofluorobenzene	95.7	65 - 135		%Rec	1	8/7/2020 11:53:59 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29265		Analyst: KT
Benzene	ND	0.0294		mg/Kg-dry	1	8/7/2020 11:53:59 PM
Toluene	0.0401	0.0294		mg/Kg-dry	1	8/7/2020 11:53:59 PM
Ethylbenzene	ND	0.0368		mg/Kg-dry	1	8/7/2020 11:53:59 PM
m,p-Xylene	ND	0.0735		mg/Kg-dry	1	8/7/2020 11:53:59 PM
o-Xylene	ND	0.0368		mg/Kg-dry	1	8/7/2020 11:53:59 PM
Surr: Dibromofluoromethane	95.4	83.3 - 111		%Rec	1	8/7/2020 11:53:59 PM
Surr: Toluene-d8	99.8	87.9 - 111		%Rec	1	8/7/2020 11:53:59 PM
Surr: 1-Bromo-4-fluorobenzene	99.9	85.1 - 111		%Rec	1	8/7/2020 11:53:59 PM
Sample Moisture (Percent Moisture)				Batch ID: R61090		Analyst: EH
Percent Moisture	18.3	0.500		wt%	1	8/11/2020 8:34:07 AM

Analytical Report

Work Order: **2008050**
Date Reported: **8/21/2020**

Client: Envitechnology, Inc.
Collection Date: 8/4/2020 12:15:00 PM
Project: First Stop Mart
Lab ID: 2008050-005
Matrix: Soil
Client Sample ID: B5-6

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29289		Analyst: DW
Diesel (Fuel Oil)	ND	20.5		mg/Kg-dry	1	8/8/2020 1:29:06 AM
Heavy Oil	ND	51.3		mg/Kg-dry	1	8/8/2020 1:29:06 AM
Surr: 2-Fluorobiphenyl	112	50 - 150		%Rec	1	8/8/2020 1:29:06 AM
Surr: o-Terphenyl	110	50 - 150		%Rec	1	8/8/2020 1:29:06 AM
Gasoline by NWTPH-Gx				Batch ID: 29265		Analyst: KT
Gasoline	ND	5.60		mg/Kg-dry	1	8/8/2020 12:24:07 AM
Surr: Toluene-d8	99.4	65 - 135		%Rec	1	8/8/2020 12:24:07 AM
Surr: 4-Bromofluorobenzene	94.7	65 - 135		%Rec	1	8/8/2020 12:24:07 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29265		Analyst: KT
Benzene	ND	0.0224		mg/Kg-dry	1	8/8/2020 12:24:07 AM
Toluene	ND	0.0224		mg/Kg-dry	1	8/8/2020 12:24:07 AM
Ethylbenzene	ND	0.0280		mg/Kg-dry	1	8/8/2020 12:24:07 AM
m,p-Xylene	ND	0.0560		mg/Kg-dry	1	8/8/2020 12:24:07 AM
o-Xylene	ND	0.0280		mg/Kg-dry	1	8/8/2020 12:24:07 AM
Surr: Dibromofluoromethane	93.7	83.3 - 111		%Rec	1	8/8/2020 12:24:07 AM
Surr: Toluene-d8	99.3	87.9 - 111		%Rec	1	8/8/2020 12:24:07 AM
Surr: 1-Bromo-4-fluorobenzene	98.8	85.1 - 111		%Rec	1	8/8/2020 12:24:07 AM
Sample Moisture (Percent Moisture)				Batch ID: R61090		Analyst: EH
Percent Moisture	12.1	0.500		wt%	1	8/11/2020 8:34:07 AM

Analytical Report

Work Order: **2008050**
Date Reported: **8/21/2020**

Client: Envitechnology, Inc.
Collection Date: 8/4/2020 12:30:00 PM
Project: First Stop Mart
Lab ID: 2008050-006
Matrix: Soil
Client Sample ID: B6-10

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29289		Analyst: DW
Diesel (Fuel Oil)	ND	18.8		mg/Kg-dry	1	8/8/2020 1:58:50 AM
Heavy Oil	ND	47.0		mg/Kg-dry	1	8/8/2020 1:58:50 AM
Surr: 2-Fluorobiphenyl	114	50 - 150		%Rec	1	8/8/2020 1:58:50 AM
Surr: o-Terphenyl	112	50 - 150		%Rec	1	8/8/2020 1:58:50 AM
Gasoline by NWTPH-Gx				Batch ID: 29265		Analyst: KT
Gasoline	ND	4.82		mg/Kg-dry	1	8/8/2020 12:54:18 AM
Surr: Toluene-d8	100	65 - 135		%Rec	1	8/8/2020 12:54:18 AM
Surr: 4-Bromofluorobenzene	95.6	65 - 135		%Rec	1	8/8/2020 12:54:18 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29265		Analyst: KT
Benzene	ND	0.0193		mg/Kg-dry	1	8/8/2020 12:54:18 AM
Toluene	ND	0.0193		mg/Kg-dry	1	8/8/2020 12:54:18 AM
Ethylbenzene	ND	0.0241		mg/Kg-dry	1	8/8/2020 12:54:18 AM
m,p-Xylene	ND	0.0482		mg/Kg-dry	1	8/8/2020 12:54:18 AM
o-Xylene	ND	0.0241		mg/Kg-dry	1	8/8/2020 12:54:18 AM
Surr: Dibromofluoromethane	93.6	83.3 - 111		%Rec	1	8/8/2020 12:54:18 AM
Surr: Toluene-d8	99.6	87.9 - 111		%Rec	1	8/8/2020 12:54:18 AM
Surr: 1-Bromo-4-fluorobenzene	99.6	85.1 - 111		%Rec	1	8/8/2020 12:54:18 AM
Sample Moisture (Percent Moisture)				Batch ID: R61090		Analyst: EH
Percent Moisture	7.64	0.500		wt%	1	8/11/2020 8:34:07 AM

Analytical Report

Work Order: **2008050**
Date Reported: **8/21/2020**

Client: Envitechnology, Inc.
Collection Date: 8/4/2020 12:50:00 PM
Project: First Stop Mart
Lab ID: 2008050-007
Matrix: Soil
Client Sample ID: B7-8

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29289		Analyst: DW
Diesel (Fuel Oil)	ND	22.9		mg/Kg-dry	1	8/8/2020 2:28:32 AM
Heavy Oil	ND	57.3		mg/Kg-dry	1	8/8/2020 2:28:32 AM
Surr: 2-Fluorobiphenyl	104	50 - 150		%Rec	1	8/8/2020 2:28:32 AM
Surr: o-Terphenyl	102	50 - 150		%Rec	1	8/8/2020 2:28:32 AM
Gasoline by NWTPH-Gx				Batch ID: 29265		Analyst: KT
Gasoline	ND	5.75		mg/Kg-dry	1	8/8/2020 1:24:28 AM
Surr: Toluene-d8	99.5	65 - 135		%Rec	1	8/8/2020 1:24:28 AM
Surr: 4-Bromofluorobenzene	95.1	65 - 135		%Rec	1	8/8/2020 1:24:28 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29265		Analyst: KT
Benzene	ND	0.0230		mg/Kg-dry	1	8/8/2020 1:24:28 AM
Toluene	0.0466	0.0230		mg/Kg-dry	1	8/8/2020 1:24:28 AM
Ethylbenzene	ND	0.0288		mg/Kg-dry	1	8/8/2020 1:24:28 AM
m,p-Xylene	0.0585	0.0575		mg/Kg-dry	1	8/8/2020 1:24:28 AM
o-Xylene	ND	0.0288		mg/Kg-dry	1	8/8/2020 1:24:28 AM
Surr: Dibromofluoromethane	95.4	83.3 - 111		%Rec	1	8/8/2020 1:24:28 AM
Surr: Toluene-d8	100	87.9 - 111		%Rec	1	8/8/2020 1:24:28 AM
Surr: 1-Bromo-4-fluorobenzene	99.2	85.1 - 111		%Rec	1	8/8/2020 1:24:28 AM
Sample Moisture (Percent Moisture)				Batch ID: R61090		Analyst: EH
Percent Moisture	14.8	0.500		wt%	1	8/11/2020 8:34:07 AM

Date: *8/21/2020*

Work Order: 2008050
CLIENT: Envitechnology, Inc.
Project: First Stop Mart

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-29289** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/7/2020** RunNo: **61069**
Client ID: **MBLKS** Batch ID: **29289** Analysis Date: **8/7/2020** SeqNo: **1224687**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	21.3		20.00		107	50	150				
Surr: o-Terphenyl	20.4		20.00		102	50	150				

Sample ID: **LCS-29289** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/7/2020** RunNo: **61069**
Client ID: **LCSS** Batch ID: **29289** Analysis Date: **8/7/2020** SeqNo: **1224688**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	494	20.0	500.0	0	98.9	65	135				
Surr: 2-Fluorobiphenyl	22.2		20.00		111	50	150				
Surr: o-Terphenyl	23.0		20.00		115	50	150				

Sample ID: **2008050-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/7/2020** RunNo: **61069**
Client ID: **B1-10** Batch ID: **29289** Analysis Date: **8/7/2020** SeqNo: **1224691**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	577	23.0	576.1	0	100	65	135				
Surr: 2-Fluorobiphenyl	28.4		23.04		123	50	150				
Surr: o-Terphenyl	29.3		23.04		127	50	150				

Sample ID: **2008050-001AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/7/2020** RunNo: **61069**
Client ID: **B1-10** Batch ID: **29289** Analysis Date: **8/7/2020** SeqNo: **1224692**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	662	23.0	573.9	0	115	65	135	576.5	13.9	30	
Surr: 2-Fluorobiphenyl	27.9		22.96		122	50	150		0		
Surr: o-Terphenyl	29.9		22.96		130	50	150		0		

Date: *8/21/2020*

Work Order: 2008050
CLIENT: Envitechnology, Inc.
Project: First Stop Mart

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **LCS-29265** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/6/2020** RunNo: **61074**
Client ID: **LCSS** Batch ID: **29265** Analysis Date: **8/7/2020** SeqNo: **1224795**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	28.6	5.00	25.00	0	114	65	135				
Surr: Toluene-d8	1.29		1.250		103	65	135				
Surr: 4-Bromofluorobenzene	1.26		1.250		101	65	135				

Sample ID: **MB-29265** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/6/2020** RunNo: **61074**
Client ID: **MBLKS** Batch ID: **29265** Analysis Date: **8/7/2020** SeqNo: **1224796**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.25		1.250		100	65	135				
Surr: 4-Bromofluorobenzene	1.18		1.250		94.8	65	135				

Sample ID: **2008045-002BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/6/2020** RunNo: **61074**
Client ID: **BATCH** Batch ID: **29265** Analysis Date: **8/7/2020** SeqNo: **1224776**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	4.24						0		30	
Surr: Toluene-d8	1.05		1.059		99.5	65	135		0		
Surr: 4-Bromofluorobenzene	1.00		1.059		94.5	65	135		0		

Sample ID: **2008050-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/6/2020** RunNo: **61074**
Client ID: **B2-10** Batch ID: **29265** Analysis Date: **8/7/2020** SeqNo: **1224785**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	33.1	5.46	27.29	1.636	115	65	135				
Surr: Toluene-d8	1.39		1.365		102	65	135				
Surr: 4-Bromofluorobenzene	1.40		1.365		102	65	135				

Date: *8/21/2020*

Work Order: 2008050
CLIENT: Envitechnology, Inc.
Project: First Stop Mart

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **2008050-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/6/2020** RunNo: **61074**
Client ID: **B2-10** Batch ID: **29265** Analysis Date: **8/7/2020** SeqNo: **1224786**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	37.8	5.46	27.29	1.636	132	65	135	33.10	13.2	30	
Surr: Toluene-d8	1.39		1.365		102	65	135		0		
Surr: 4-Bromofluorobenzene	1.41		1.365		103	65	135		0		

Sample ID: **2008050-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/6/2020** RunNo: **61074**
Client ID: **B1-10** Batch ID: **29265** Analysis Date: **8/7/2020** SeqNo: **1224783**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	6.62						0		30	
Surr: Toluene-d8	1.66		1.656		100	65	135		0		
Surr: 4-Bromofluorobenzene	1.57		1.656		94.8	65	135		0		

Date: *8/21/2020*

Work Order: 2008050
CLIENT: Envitechnology, Inc.
Project: First Stop Mart

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29265** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/6/2020** RunNo: **61068**
Client ID: **LCSS** Batch ID: **29265** Analysis Date: **8/7/2020** SeqNo: **1224682**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.975	0.0200	1.000	0	97.5	80.5	114				
Toluene	0.982	0.0200	1.000	0	98.2	79.6	116				
Ethylbenzene	1.02	0.0250	1.000	0	102	81.6	116				
m,p-Xylene	2.07	0.0500	2.000	0	103	80.9	117				
o-Xylene	1.02	0.0250	1.000	0	102	80.8	114				
Surr: Dibromofluoromethane	1.24		1.250		98.9	83.3	111				
Surr: Toluene-d8	1.23		1.250		98.1	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.26		1.250		101	85.1	111				

Sample ID: **MB-29265** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/6/2020** RunNo: **61068**
Client ID: **MBLKS** Batch ID: **29265** Analysis Date: **8/7/2020** SeqNo: **1224683**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0200									
Toluene	ND	0.0200									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									
Surr: Dibromofluoromethane	1.16		1.250		93.1	83.3	111				
Surr: Toluene-d8	1.24		1.250		98.9	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.24		1.250		98.9	85.1	111				

Sample ID: **2008045-002BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/6/2020** RunNo: **61068**
Client ID: **BATCH** Batch ID: **29265** Analysis Date: **8/7/2020** SeqNo: **1224662**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0170						0		30	
Toluene	ND	0.0170						0		30	
Ethylbenzene	ND	0.0212						0		30	

Date: *8/21/2020*

Work Order: 2008050
CLIENT: Envitechnology, Inc.
Project: First Stop Mart

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2008045-002BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/6/2020** RunNo: **61068**
Client ID: **BATCH** Batch ID: **29265** Analysis Date: **8/7/2020** SeqNo: **1224662**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Xylene	ND	0.0424						0		30	
o-Xylene	ND	0.0212						0		30	
Surr: Dibromofluoromethane	1.01		1.059		95.0	83.3	111		0		
Surr: Toluene-d8	1.06		1.059		99.6	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.04		1.059		98.6	85.1	111		0		

Sample ID: **2008045-006BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/6/2020** RunNo: **61068**
Client ID: **BATCH** Batch ID: **29265** Analysis Date: **8/7/2020** SeqNo: **1224664**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	1.12	0.0217	1.087	0	103	76.7	119				
Toluene	1.27	0.0217	1.087	0	116	74.7	119				
Ethylbenzene	1.15	0.0272	1.087	0	106	77.1	120				
m,p-Xylene	2.32	0.0543	2.174	0	107	76.3	120				
o-Xylene	1.13	0.0272	1.087	0	104	76.6	119				
Surr: Dibromofluoromethane	1.32		1.359		97.2	83.3	111				
Surr: Toluene-d8	1.52		1.359		112	87.9	111				S
Surr: 1-Bromo-4-fluorobenzene	1.37		1.359		101	85.1	111				

NOTES:
S - Outlying surrogate recovery(ies) observed. All other laboratory and field samples recovered within range.

Sample ID: **2008045-006BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/6/2020** RunNo: **61068**
Client ID: **BATCH** Batch ID: **29265** Analysis Date: **8/7/2020** SeqNo: **1224665**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	1.14	0.0217	1.087	0	105	76.7	119	1.116	2.52	30	
Toluene	1.15	0.0217	1.087	0	106	74.7	119	1.265	9.58	30	
Ethylbenzene	1.17	0.0272	1.087	0	107	77.1	120	1.153	1.01	30	
m,p-Xylene	2.36	0.0543	2.174	0	109	76.3	120	2.318	2.00	30	
o-Xylene	1.15	0.0272	1.087	0	106	76.6	119	1.128	2.31	30	

Date: *8/21/2020*

Work Order: 2008050
CLIENT: Envitechnology, Inc.
Project: First Stop Mart

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2008045-006BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/6/2020** RunNo: **61068**
Client ID: **BATCH** Batch ID: **29265** Analysis Date: **8/7/2020** SeqNo: **1224665**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	1.35		1.359		99.3	83.3	111		0		
Surr: Toluene-d8	1.35		1.359		99.1	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.35		1.359		99.7	85.1	111		0		

Sample ID: **2008050-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/6/2020** RunNo: **61068**
Client ID: **B1-10** Batch ID: **29265** Analysis Date: **8/7/2020** SeqNo: **1224671**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0265						0		30	
Toluene	0.0290	0.0265						0.03049	5.16	30	
Ethylbenzene	ND	0.0331						0		30	
m,p-Xylene	ND	0.0662						0		30	
o-Xylene	ND	0.0331						0		30	
Surr: Dibromofluoromethane	1.54		1.656		93.0	83.3	111		0		
Surr: Toluene-d8	1.63		1.656		98.6	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.64		1.656		98.8	85.1	111		0		

Sample Log-In Check List

Client Name:	**ENVIT**	Work Order Number:	**2008050**
Logged by:	**Gabrielle Coeuille**	Date Received:	**8/5/2020 10:27:00 AM**

Chain of Custody

		Yes	No	Not Present
1.	Is Chain of Custody complete?	☑	☐	☐
2.	How was the sample delivered?	Client		

Log In

		Yes	No	NA
3.	Coolers are present?	☑	☐	☐
4.	Shipping container/cooler in good condition?	☑	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	☐	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	☑	☐	☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes ☐	No ☑	NA ☐
		Approved by client.		
8.	Sample(s) in proper container(s)?	Yes ☑	No ☐	
9.	Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
10.	Are samples properly preserved?	Yes ☑	No ☐	
11.	Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes ☐	No ☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes ☑	No ☐	
14.	Does paperwork match bottle labels?	Yes ☑	No ☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
16.	Is it clear what analyses were requested?	Yes ☑	No ☐	
17.	Were all holding times able to be met?	Yes ☑	No ☐	

Special Handling (if applicable)

		Yes	No	NA
18.	Was client notified of all discrepancies with this order?	☑	☐	☐

Person Notified:	Jake Lee	Date:	8/5/2020
By Whom:	Gabrielle Coeuille	Via:	☑ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:	Samples out of temp		
Client Instructions:	Proceed with analysis despite temperature.		

19. Additional remarks:

Item Information

Item #	Temp ºC
Cooler 1	14.1
Sample 1	17.3

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 8/5/20 Page: 1 of: 1

Laboratory Project No (internal): 2008050

Project Name: First Stop Mart

Special Remarks:

Client: Envitechnology, INC.

Project No: 02200709-2

Address: 9805 NE 116th St. #300

Collected by: Jake Lee

City, State, Zip: Kirkland, WA 98034

Location: 2316 E Gurt Ave, Pendleton OR

Telephone: 425-890-3517

Report To (PM): Jake Lee

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax: 425-310-6600

PM Email: jakelee@envitechnology.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)					Comments
1	B1-10	8/4/20	10:30	Soil		X				X												
2	B2-10		10:45																			
3	B3-8		11:10																			
4	B4-8		11:30																			
5	B5-6		12:15																			
6	B6-10		12:30																			
7	B7-8		12:50																			
8																						
9																						
10																						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	8/5/20 10:20	x [signature]	8/5/20 1027
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☒ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)