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Interim Cleanup Action Report
Gilman Square
615 NW Gilman Blvd
Issaquah, WA 98027

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December 2, 2015

G-Logics Project 01-0868-J
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December 2, 2015
G-Logics Project 01-0868-J

Mr. Kurt Reiswig
LMC Gilman Square, LLC
1325 Fourth Ave, Suite 1700
Seattle, WA 98101

Subject: Interim Cleanup Action Report, DRAFT
Gilman Square
615 NW Gilman Blvd
Issaquah, WA 98027

Dear Mr. Reiswig:

G-Logics is pleased to present this Interim Cleanup Action Report for remedial work performed at the above-referenced Gilman Square Property (Property). This work addressed soil and groundwater that contained chlorinated-solvent contaminants (originating from a former dry cleaner). This work also addressed petroleum-contaminated soil associated with a former gas and service station. We intend to submit this Interim Action Cleanup Report to the Washington State Department of Ecology with a request for a No Further Action Likely determination for the Property and Site.

Should you require additional information or have any questions, please contact us at your convenience. Thank you again for this opportunity to be of service.

Sincerely,
G-Logics, Inc.

Rory L. Galloway, LG, LHG,
Principal

Stuart Hyde
Project Geologist

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1.0 INTRODUCTION

This Interim Cleanup Action Report (Report) discusses the recent remedial actions that have occurred at the Gilman Square Site (Figure 1). This remedial work was conducted for LMC Gilman Square, LLC (LMC) in conjunction with Property redevelopment activities. Previous subsurface explorations completed at the Site identified chlorinated-solvent contaminants in the soil and perched groundwater. These contaminants were associated with a former dry-cleaner business (675 NW Gilman Blvd), located in the Gilman Square Shopping Center building. Five underground-storage tanks (USTs), associated with a former gas and service station, also were removed during Property redevelopment. Petroleum-contaminated soil was encountered and subsequently removed during the UST excavation.

Based on the planned Property redevelopment and construction schedule, soil excavation and off-site recycling/disposal was identified as an appropriate cleanup method for removing the chlorinated-solvent and petroleum-contaminated soils.

The Property/Site was accepted into the Voluntary Cleanup Program (VCP) on January 24, 2014. The remedial-excavation of contaminated soil in the dry-cleaner area began in September 2014 and concluded in November 2014. After the remedial excavation was complete, a remedial-dewatering system was installed downgradient of the former dry cleaner (and within the perched-groundwater plume) to capture the residually-contaminated groundwater. In addition, groundwater-monitoring wells have been installed in this area to monitor and document groundwater conditions. These activities are still being performed at the time of this report.

The USTs and associated contaminated soil near the former gas and service station were removed in the summer of 2015. Petroleum-contaminated soil discovered during the UST-removal work was successfully removed. Petroleum contaminants above MTCA Method A cleanup levels were not discovered in the groundwater in this area.

The remedial work at the Property was conducted in accordance with Washington's Model Toxics Control Act (MTCA) regulations, with excavated soils and groundwater disposed in accordance with applicable state and local regulations. The information in this report has been compiled to support a request for a No Further Action (NFA) Likely

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Determination for the Property and Site. This request will be made with the Washington State Department of Ecology (Ecology).

2.0 PREVIOUS SITE INVESTIGATIONS AND DOCUMENTS

G-Logics previously has prepared several environmental reports that cover the Remedial Investigation for the Site. Information gathered during the Site investigations were summarized in the *Cleanup Action and Contaminated Media Management Plan* (dated April 21, 2014) prepared for the Site. The environmental-exploration documents, listed below, identified chlorinated-solvent contamination on the western portion of the Property (all reports are included in Appendix A on the attached CD). In addition, the Phase I and Phase II work indicated the presence of several USTs located on the Property and associated with a former service station.

- *Phase I Environmental Site Assessment,* prepared by G-Logics, Inc., June 18, 2013.
- *Phase II Environmental Site Assessment,* prepared by G-Logics, Inc., October 25, 2013.
- *Additional Site Exploration, Former Dry cleaner Area,* prepared by G-Logics, Inc., January 6, 2014.
- *Acceptance of VCP Applications,* prepared by Ecology, January 24, 2014.
- *Additional Well Installation, January 2014,* prepared by G-Logics, Inc., February 11, 2014.
- *Ecology Opinion Letter, Re: Opinion on Environmental Assessment Reports,* prepared by Ecology, April 2, 2014.
- *Cleanup Action and Contaminated Media Management Plan,* prepared by G-Logics, Inc., April 21, 2014 (Revised May 2, 2014).
- *Additional Borings and Testpit Sampling,* prepared by G-Logics, Inc., April 28, 2014.
- *Groundwater Sampling Summary Memo,* prepared by G-Logics, Inc, July 3, 2014.
- *Ecology Opinion Letter (to G-Logics Contaminated Media Management Plan,* prepared by Ecology, August 18, 2014.

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3.0 PROPERTY AND SITE DESCRIPTION

The Property includes eight parcels located along Northwest Gilman Boulevard at 615 NW Gilman Blvd in Issaquah, Washington (tax-parcel numbers and addresses are shown on Figure 2).

3.1 Site and Property Description

For the purposes of this document, the Site refers to the area where soil, surfacewater, and/or groundwater is impacted with chlorinated solvents (originating from the former dry cleaner) and the soil impacted with petroleum contaminants (five USTs associated with the former gas and service station). The Property refers to the three parcels that collectively make up the redevelopment boundaries (the Property previously consisted of eight parcels that were reconfigured during redevelopment). Based on existing soil and groundwater data, the Site is contained within the Property boundaries.

Ecology has identified the Site, as described below:

Site Name: Gilman Square

Site Address: 675 NW Gilman Boulevard, Issaquah, WA 98027 (address of the former dry cleaner)

Facility/Site No.: 15541

CS ID: 12286

VCP Project No.: NW2823

3.2 Area Description

The Site and adjacent areas are located along Gilman Blvd, west of Downtown Issaquah, primarily a commercial-use area. Residential and recreational properties also are located within several blocks of the Property.

3.3 Property History and Current Use

Prior to construction of the Gilman Square Shopping Center in approximately 1961, the Property was farmland (pasture land). Since that time, two of the parcels on the Property were occupied by the Gilman Square Shopping Center building. This building provided

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retail and restaurant spaces. North of the shopping-center building was a large parking lot. The other parcels on the Property were undeveloped prior to redevelopment. A gas and service station was located on the 615 NW Gilman Blvd parcel in the 1960s and 1970s. The service station was demolished between 1977 and 1985 (based on aerial photography) and replaced with a parking lot. The neighboring properties at 607 and 555 NW Gilman Blvd currently are an auto-supply store and a fast-food restaurant, respectively.

3.4 Contaminant Source and History of Release

Below is a short description of the source areas.

3.4.1 Dry Cleaner

Chlorinated-solvent contaminants that were identified on the Site are understood to originate from a dry-cleaner business formerly located at 675 NW Gilman Blvd, which operated from the 1960s to 1970s. This address is within the Issaquah Shopping Center building that existed on the Property until the fall of 2014 (demolished during redevelopment activities).

The direct source of contamination is unclear. Contaminants were predominantly found near the back of the dry cleaner, where cleaning equipment and related machinery were located. This equipment, or spills in this area, could have contributed to the discovered contamination. Please refer to Section 6.0 for details regarding the remediation of the dry-cleaner area.

3.4.2 Gas and Service Station

Several borings were advanced in the area of the former service station during a conducted Phase II Environmental Site Assessment (report dated June 26, 2013). In addition, several groundwater-monitoring wells were discovered in this area and sampled during the Phase II work. Petroleum contaminants were not discovered in the soil or groundwater during this exploration.

During the Property redevelopment, the five USTs associated with the service station were removed. A small volume of petroleum-contaminated soil was discovered and properly disposed during the removal activities. Please refer to Section 7.0 for details regarding the remediation of the service-station area.

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3.5 Physiographic Setting

The ground surface at the Site is generally level and appears to be several feet below the street-level elevations to the north and west. According to the Site-topographic survey prepared by Encompass Engineering & Surveying, Site elevations generally range from 64 to 65 feet above mean sea level, with the southeast portion of the Site rising to approximately 66 feet. The Site (prior to redevelopment) sloped to the east towards Issaquah Creek, dropping to an approximate elevation of 58 feet.

3.6 Ecological Setting

In our report dated April 21, 2014, G-Logics presented information regarding the Terrestrial Ecological Evaluation (TEE) for the Site. G-Logics identified that the Site qualifies for a primary exclusion and that further ecological evaluation was unnecessary. Specifically, the Site qualifies for an exclusion because there is less than 1.5 acres of contiguous undeveloped land within 500 feet of any part of the Site. Ecology agreed with this evaluation, as stated in their August 18, 2014 response letter.

3.7 Site Geology

Previously-completed exploration borings generally encountered loose, dry to moist, brown, silty sand with some gravel from ground surface to an approximate depth of four feet (possibly structural-fill material). At depths between approximately two and five feet, soils are soft to medium stiff, moist to wet, gray, silt and clay (overbank deposits). Several borings encountered a thin layer of peat/organic soil.

At depths between approximately five and fifteen feet, soils are soft to medium stiff, moist to wet, gray, slightly sandy silt and clay (lacustrine deposits). The silt/clay layer varied in thickness from 5 to 15 feet and contained thin fine-grained sand and peat/organic layers at varying depths. This layer was underlain by saturated, gray, fine to medium sands (alluvial deposits) to the explored depth of 30 feet. Based on groundwater measurements from well PG-1 and site observations during the redevelopment, the silt/clay unit is believed to act as an aquitard across much of the Site with artesian conditions present in the underlying saturated sands.

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3.8 Site Groundwater

Perched groundwater was encountered in most borings during the Site explorations at depths between 4 and 7 feet below surface grade (approximate elevations between 58 and 61 feet above mean sea level). Groundwater elevations measured during the explorations are presented in Table 1. No odors, staining, or discoloration were observed in any of the collected groundwater samples. During Site explorations, groundwater-flow directions were found to be generally to the north, northeast, and northwest. A rose diagram showing historical groundwater-directions is included as Graph 1 (in the Tables section of this report).

3.8.1 Issaquah Groundwater Supply

A majority of Issaquah's municipal water supply is sourced from four wells located along NW Gilman Boulevard. As indicated by Mr. Bret Heath from the City of Issaquah (conversation attached in Appendix B), two supply wells are located at 450 NW Gilman Boulevard: one well is 102 feet deep and one is 412 feet deep. These wells are located approximately 850 lineal feet northwest of the Site. Two additional wells are located near 240 NE Gilman Boulevard, both at depths of approximately 100 feet. These two wells are located approximately one mile to the southeast of the Site.

Based on the area geology, the shallow-contaminated groundwater present at the Site is in a hydrologically different groundwater zone than the Issaquah water-supply wells. Additionally, the supply wells are very distant to the low-level concentrations of vinyl chloride present at the Site.

3.8.2 Building Waterproofing

Because of the shallow perched groundwater at the Site, the residential buildings are being constructed with a waterproof liner. This liner has been designed to cover the bottom and sides of the building to prevent water from infiltrating into the subsurface parts of the structure (parking areas). For remedial purposes, the waterproof liner also serves as a vapor barrier and prevents vapor-intrusion concerns that may be present due to residual contaminants near the former dry cleaner. A detailed description of the waterproofing system is included in Appendix A.

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3.9 Site/Area Surface-Water and Stormwater Systems

The stormwater system and several surface-water features were altered during the redevelopment process. Specifically, a channelized swale adjacent to 7th Ave NW was altered to run through storm-drainage piping. The Site contractor installed approximately 440 linear feet of pipe from the junction of 7th Ave NW and NW Locust St, to the junction of 7th Ave NW and NW Gilman Blvd. The Property owner was required to obtain an Army Corps of Engineers Nationwide Permit 14 (attached as Appendix C).

Due to the redevelopment of the entire Site, storm and surface water-collection systems were modified as shown in the projects civil-engineering drawings and report (prepared by CPH Consultants). G-Logics understands that a swale will be installed on the Property and used to collect and carry surface water offsite. The swale is located in the area of the former service station (and USTs) and ultimately will be connected to the existing swale located on the south side of NW Gilman Boulevard.

3.10 Extent of Soil Contamination

During the initial Phase II Site investigations, chlorinated solvents were detected in samples collected in the immediate vicinity of the former dry cleaner. Tetrachloroethylene (PCE) was detected above the MTCA Method A Cleanup Level in borings GL-B-7 and GL-B-10 (shown on Figure 3). The extent of soil contamination was bound by subsequent subsurface investigations conducted at the Property. Chlorinated-solvent contaminated soil appeared to be isolated within several feet (laterally) of the footprint of the former dry cleaner. Cross sections showing the interpreted vertical and lateral extent of soil contamination in the area of the former dry cleaner are shown on Figures 5 and 6.

Petroleum contaminants were discovered in the soil during the UST-removal work. During the excavation of the USTs and associated contaminated soil, the vertical and lateral extents of soil contamination were found to be within the Property boundary and within close proximity to the tanks.

3.11 Extent of Groundwater Contamination

Vinyl chloride was detected in groundwater samples collected from well GL-MW-4 and in grab-groundwater samples from borings GL-B-11 and GL-B-16 (located near the former dry cleaner) at concentrations above the MTCA Method A Cleanup Level. The

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lateral extent of vinyl chloride-contaminated groundwater during the remedial investigations is shown on Figure 4. The cross sections on Figure 5 and 6 also show the interpreted vertical and lateral extent of groundwater contamination associated with the former dry cleaner.

During the initial Phase II investigation, vinyl chloride was detected in groundwater samples collected from well GL-MW-6 at concentrations above the MTCA Method A Cleanup Level. This well is located approximately 340 feet north of the former dry cleaner. Groundwater samples from surrounding borings and wells did not indicate the presence of vinyl chloride. During the last three quarters of sampling well GL-MW-6 (sampled in April, June, and September, 2014), chlorinated solvents, including vinyl chloride, were not detected in the collected groundwater samples.

Based on well locations and sampling results, chlorinated-solvent contaminants in the groundwater are not migrating off-Property. In addition, only occasional low concentrations of PCE-degradation compounds (e.g., vinyl chloride) are present in the vicinity of the former dry cleaner. Petroleum contaminants were not found in the groundwater above MTCA Method A cleanup levels in the area of the former service station.

4.0 REGULATORY BACKGROUND

To address the identified contaminated soil and groundwater, LMC conducted an Independent Cleanup Action under MTCA. The MTCA regulations are codified in the Washington Administrative Code (WAC) as chapter 173-340. As an Independent Cleanup Action, this work was performed without Washington Department of Ecology (Ecology) direct assistance or approval. Additionally, this work was not performed under an order or decree.

Described below is the regulatory background established in our *Cleanup Action and Contaminated Media Management Plan* (CAP/CMMP) and confirmed with Ecology in their opinion letter dated August 18, 2014 (attached in Appendix A).

4.1 Site Characterization and Cleanup Action Plan

In their April 2 and August 18, 2014 opinion letters, Ecology accepted the Site RI/FS and Cleanup Action Plan presented by G-Logics as sufficient for Site cleanup. Specifically,

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the alternative chosen for the Site would remediate contaminated soil and groundwater and was anticipated to likely achieve the established MTCA Method A cleanup levels.

4.2 Soil Cleanup Levels and Points of Compliance

To identify the limits of the required remedial excavation in the former dry-cleaner area, G-Logics used Ecology's published MTCA soil cleanup levels. Specifically, analytical results for chlorinated solvents and petroleum contaminants were compared to the identified MTCA Method A Cleanup Levels for the unrestricted land use. In addition, the standard point of compliance (soil to a depth of 15 feet) was used for soil throughout the Site.

4.3 Groundwater Cleanup Levels and Points of Compliance

Analytical results for chlorinated solvents and petroleum contaminants in the groundwater were compared to the identified MTCA Method A Cleanup Levels. In addition, the standard point of compliance (throughout the Site from the uppermost level of the saturated zone extending vertically to the lowest depth which could potentially be affected) was used for groundwater throughout the Site.

4.4 Terrestrial Ecological Evaluation

In their April 2, 2014 opinion letter, Ecology agreed that the Site qualifies for a Terrestrial Ecological Evaluation (TEE) exclusion. Specifically, there are less than 1.5 acres of contiguous undeveloped land within 500 feet of any part of the Site, therefore qualifying the Site for the initial TEE exclusion.

4.5 "Contained-Out" Determination for Soil Disposal

In the CAP/CMMP, G-Logics presented the rationale required to request a "Contained-Out" determination for the disposal of chlorinated-solvent contaminated soil at the Site. In the letter dated May 30, 2014 (attached as Appendix D), Ecology concurred with our assessment and provided a Contained-Out determination letter for 600 tons of F002 (PCE) listed wastes to be excavated from the vicinity of the former dry cleaner. Ecology did not require for these wastes to be disposed at a RCRA-permitted dangerous-waste treatment, storage, and disposal (TSD) facility, providing that all of their conditions were implemented, as outlined in their letter. Please see Section 6.1.3 of this report for additional information.

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4.6 King County Wastewater Discharge Authorization

Due to the presence of chlorinated-solvent contaminants in the groundwater, as well as the shallow depth to groundwater at the Site, the redevelopment required a King County Wastewater Discharge Authorization for construction dewatering. A Minor Discharge Authorization (Authorization No. 939-01) was granted by the King County Wastewater Treatment Division, Industrial Waste Program (KCIW). The authorization was contingent on effluent limitations and other requirements and conditions as outlined in the KCIW letter dated June 16, 2014. The Minor Discharge Authorization for this project is attached as Appendix E.

4.7 Army Corps of Engineers Stream Infill Permit

Please refer to Section 3.9 for details regarding the Army Corps of Engineers Permit.

5.0 PERFORMED REMEDIAL ACTIVITIES

The cleanup action work and ongoing compliance-monitoring work was conducted in accordance with Washington's MTCA regulations. Based on G-Logics CAP/CMMP and our understanding of Site conditions, the project included the following scope of site-remediation work to address the identified impacted and contaminated soils (excavated as part of the planned Property redevelopment).

1. Abandoned the groundwater-monitoring wells prior to start of redevelopment activities. These wells were located within redevelopment and remedial excavation boundaries and are identified on Figure 4.
2. Assisted the Contractor with the segregation of clean soil and soil containing chlorinated-solvent (dry-cleaner area) and petroleum (service station) contaminants.
3. Documented the removal of the USTs and other service-station features (i.e., fuel lines, piping) that were discovered during UST excavation near the former service station.
4. Collected and analyzed samples of excavated soils for disposal-documentation purposes.
5. Collected and analyzed samples of excavation water for discharge-documentation purposes.
6. Collected and analyzed confirmation samples from remaining in-place soils and groundwater to identify concentrations, if any, of residual contaminants.

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7. Installed new groundwater-monitoring wells once building construction began. These wells were installed in the vicinity of the former dry cleaner and are being used to monitor groundwater conditions after remedial excavations were concluded.

5.1 Ongoing and Upcoming Remedial Activities

The ongoing/upcoming compliance-monitoring work summarized below also is being conducted in accordance with Washington's MTCA regulations.

- Ongoing groundwater sampling and compliance monitoring in the former dry-cleaner area.
- Performance of injections for in-situ Enhanced Anaerobic Bioremediation (EAB) in the former dry-cleaner area.
- Decommissioning of all on-site groundwater-monitoring wells once remedial actions are complete.
- Preparation of a Final Cleanup Action Report documenting performed work and observed conditions.
- Submittal of a final Cleanup Action Report (for the performed work) with the request for a No Further Action Determination (NFA) from Ecology.

The approximate remedial excavation locations in the former dry cleaner and service-station areas are shown on Figure 7. The following Sections 6.0 and 7.0 describe the remedial activities performed during Property redevelopment in the former dry-cleaner area and the former service-station area. Ongoing compliance monitoring activities are described in Section 8.0.

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6.0 FORMER DRY CLEANER REMEDIAL EXCAVATION

The tasks performed in the former dry-cleaner area are described below.

6.1 Well Decommissioning

Prior to redevelopment activities, groundwater-monitoring wells located at the Site were abandoned in accordance with Ecology's Minimum Standards for Construction and Maintenance of Wells (WAC Chapter 173-160). In total, 11 wells were abandoned at the Site. The Notices of Intent and Decommissioning Well Reports that were provided to Ecology are attached as Appendix F.

6.2 Excavation Soil Sampling

Contaminated soils in the vicinity of the former dry cleaner were removed by excavation in September and October, 2014. A G-Logics geologist was present during the soil removal and performed the post-excavation soil sampling. The geologist noted the subsurface materials encountered in the excavation. In addition, a photoionization detector (PID) was used during the soil excavation to screen for Volatile Organic Compounds (VOCs). Results were measured in parts per million by volume (ppmv) and documented in the field notes. PID readings were used as a guide for determining the lateral extent and depth of the remedial excavation.

A mobile-analytical laboratory (Libby Environmental) also was used to analyze samples during the remedial excavation. This approach allowed us to provide real-time data during the Site remediation, allowing us to modify the depth and extent of the excavation when unexpected conditions were discovered (e.g., deeper than expected contamination). This approach also provided additional data necessary to better understand the nature, extent, and origin of the contamination in the soil and groundwater.

Performance and confirmation soil samples were collected from the excavation bottom and sidewalls to document the successful removal of chlorinated-solvent contaminated soil. Samples were analyzed for the presence of chlorinated solvents by EPA Method 8260. Collected soil samples were placed in laboratory supplied glass containers and given directly to the analyst. Sample labels were fixed to all sample jars and included the following information: sample number, owner name, date and time of collection, and the sampler's initials. Appropriate chain-of-custody records were completed.

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6.2.1 Confirmation Sample Analytical Results

Based on analytical results from the previously conducted Site explorations, the top 5 feet of PCE-contaminated soil in the western portion of the former dry cleaner were removed and disposed off-site at a Rabanco disposal facility (see Section 6.2.3 for a soil-disposal summary). Once soil in the targeted area was removed, performance samples were field screened using a PID and analyzed by the mobile-analytical laboratory. Two soil samples collected on the west sidewall of the excavation (WSW-2-4' and WSW-4-5') contained concentrations of PCE slightly above the MTCA Method A cleanup level of 0.05 mg/kg. Because of this, the excavation extended to the west by approximately 10 feet. Additional west sidewall and bottom samples then were collected to document the successful removal of the PCE-contaminated soil.

Except for the two west-sidewall samples, none of the remaining confirmation sidewall and bottom samples (collected from the remedial excavation) contained detectable concentrations of chlorinated solvents, including PCE and associated degradation products. Sample locations, depths, and analytical results are summarized on Table 2 and presented on Figure 8. Cross sections through the dry-cleaner excavation are included as Figures 8a, 8b, and 8c. The laboratory reports and chain-of-custody documentation for samples collected in the dry-cleaner area are presented in Appendix G.

6.2.2 Soil Disposal

Approximately 460 tons of suspected and confirmed chlorinated-solvent contaminated soil was removed from the immediate area surrounding the former dry cleaner. This soil was loaded directly into "lined" rail containers, covered, and transported off-site for disposal as Contained Out waste at Rabanco's Roosevelt Regional disposal facility. As requested in their May 30, 2014 letter, truck-disposal receipts specifying the date and tonnage were provided to Ecology. Copies of the truck-weight tickets for the Contained Out soil disposal are included with the Ecology "Contained-Out" letter in Appendix D.

6.2.3 Groundwater and Excavation Dewatering

The excavation remained open for several weeks with groundwater collecting into the bottom of the excavation. This water was subsequently pumped into on-site Baker Tanks. Water samples were collected from the Baker Tank and analyzed per the KCIW Minor Discharge Authorization (Permit No. 939-01) prior to disposing the water into the sanitary-sewer system. Water was pumped from the open excavation and into the Baker

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Tanks for several weeks in September and October. Water samples were collected from the Baker Tank prior to discharging to the sanitary-sewer system. VOCs were not detected in any of the analyzed Baker-Tank samples during the remedial activities. Analytical results are summarized in Table 3. The excavation was backfilled once construction activities required that the area be prepared for geotechnical preloading.

6.3 Remedial-Dewatering System Installation

To further remove and mitigate lateral migration of residual vinyl chloride contaminants in the groundwater, a remedial-dewatering system was installed at the Property in November, 2014 (Figure 9). The system consists of 4-inch perforated PVC pipes connected to a 24-inch riser. To remove potential residual contaminants, groundwater was pumped from the riser and into the on-site Baker Tanks.

To install the remedial-dewatering system, the area just north of the former dry cleaner was over excavated to a depth of approximately 8 to 9 feet, corresponding to an elevation of 56 feet above mean sea level (MSL). A schematic of the dewatering system is shown on Figure 10. Because of the proximity to the former dry cleaner and the potential presence of chlorinated-solvent contaminants, a mobile-analytical laboratory (Libby Environmental) was on-site during the dewatering-system excavation to analyze soil samples. Soil-sampling results were used to determine the disposal method for excavated soils. Several groundwater samples also were collected from the open excavation to document groundwater conditions at the time of system installation.

Performance and confirmation soil samples were collected throughout the excavation, including the bottom and sidewalls, to document the soil conditions. Samples were analyzed for the presence of chlorinated solvents by EPA Method 8260. Appropriate chain-of-custody records were completed. Analytical results are summarized below.

6.3.1 Confirmation Sample Analytical Results

Soil samples throughout the dewatering-system excavation were field screened using a PID and analyzed by the mobile-analytical laboratory. None of the analyzed samples from the dewatering-system excavation contained detectable concentrations of chlorinated solvents. Sample locations, depths, and analytical results are summarized on Table 4 and Figure 9. The laboratory reports and chain-of-custody documentation also are presented in Appendix G.

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6.4 Quality Assurance/ Quality Control

Quality Assurance/Quality Control (QA/QC) for the presented scope of work included generally accepted procedures for sample collection, storage, tracking, and documentation. All sampling equipment was washed with a detergent wash and tap-water rinse before the collection of the samples. Appropriate chain-of-custody documentation was completed.

The laboratory validated the analytical procedures by processing laboratory-control samples and method-blank samples from each exploration. Results were within acceptable limits for QA/QC standards. Laboratory QA/QC information is included (with the laboratory reports) in Appendix G.

7.0 UST REMOVAL, FORMER SERVICE-STATION AREA

The project's excavation contractor Santa, Inc. (Santa) was on-site to perform the physical excavation of the five USTs discovered on the Property. Clearcreek Contractors, Inc. (Clearcreek) was retained by G-Logics to perform the UST-decommissioning work (as required by Ecology). A G-Logics UST Site Assessor conducted the required observations and soil/groundwater sampling (also as required by Ecology).

A G-Logics geologist was present during the soil removal and performed the post-excavation soil and groundwater sampling. The geologist noted the subsurface materials encountered in the excavation. In addition, a photoionization detector (PID) was used during the soil excavation to screen for Volatile Organic Compounds (VOCs). Results were measured in parts per million by volume (ppmv) and documented in the field notes. PID readings were used as a guide for determining the lateral extent and depth of the remedial excavation.

The UST-removal work was conducted in two events in the summer of 2015. Four gasoline tanks were removed from a single excavation in May. Due to the difficult access, the fifth tank (a 250 gallon used-oil tank) was later excavated in July 2015. The G-Logics work included the following during the tank-removal work:

- Observed the cleaning and off-site removal of five USTs and the associated piping from the Property. Conducted the work in accordance with local, state, and federal regulations/guidelines. The tanks were physically removed by others (Santa).

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- Evaluated the potential presence of petroleum hydrocarbon-contaminated soils and removed them to the extent necessary.
- Performed the requisite UST Site Assessment as outlined in the Ecology's *Guidance for Site Checks and Site Assessments for Underground Storage Tanks* (Ecology, 2003).
- Provided documentation of the UST closure, consistent with Ecology-reporting requirements (this report).

To assist the tank-removal contractor with this project, G-Logics provided the following services:

- Provided a licensed UST Decommissioner (Clearcreek).
- Provided a licensed UST Site Assessor (G-Logics).
- Observed the removal of the USTs.
- Observed the conditions of the USTs, associated piping, and soils exposed in the walls and floor of the excavations.
- Collected numerous soil samples (from the UST excavation) for chemical analysis.
- Submitted post-excavation soil and groundwater samples to an accredited laboratory (Libby Environmental and Fremont Analytical) for analytical testing.
- Compared analytical results to the MTCA Cleanup Levels.
- Prepared this report summarizing the field activities, analytical results, and recommendations regarding the UST closures.
- Submitted the appropriate documentation to the Ecology UST Program.

This Interim Cleanup Action Report is understood to meet the requisite reporting requirements for permanent closure of the former USTs. Details regarding the excavation and sampling findings are further discussed below.

7.1 Excavation of Gasoline USTs

Tanks 1, 2, 3, and 4 (and associated piping) were located in the same area and were removed in one mass excavation beginning in May of 2015. The approximate locations of these USTs are shown on Figure 11. Upon exposure, tanks 1 through 4 were found to have been filled with control-density fill (CDF) to varying levels within the tanks. Prior to removing the USTs, water that had collected in the tanks was removed and placed into

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55-gallon drums for on-site storage. The water was analyzed for disposal purposes. The tanks then were inerted by a marine chemist and opened to access the contents. The CDF within the tanks was removed and ultimately disposed off-site as petroleum-contaminated material. The tanks were removed from the Site by Clearcreek for recycling/disposal. The Ecology "30-Day Notice", City of Issaquah Tank Removal Permit, UST disposal documentation, Site Assessment Checklist, and material-disposal receipts are included in Appendix H.

The USTs and associated piping were visually reviewed upon removal and no evidence of obvious holes was noted (some corrosion was present). The USTs were constructed of single-wall steel. The UST excavations were completed to a maximum depth of approximately 12 feet. Once the tanks and suspected-contaminated soil were removed, performance and confirmation soil samples were collected from the bottom and sidewalls of the excavation.

7.1.1 Soil Sampling

A G-Logics geologist (and site assessor) screened the excavated soils and observed the condition of the walls and base of the UST excavations for visual evidence of staining and odors. Performance and confirmation soil samples were collected from the excavation bottom and sidewalls to document the successful removal of petroleum-contaminated soil (predominantly benzene-contaminated soil). A mobile analytical laboratory (Libby Environmental) again was used to analyze samples during the UST excavation. Soil samples were analyzed for the presence of one or more of the following compounds: gasoline-range organics (GRO), diesel-range organics (DRO), heavy-oil range organics (ORO), VOCs, MTBE and lead.

Collected soil samples were placed in laboratory supplied glass containers and given directly to the analyst. Several samples that could not be analyzed using the mobile laboratory were provided to Fremont Analytical in Seattle, WA. Sample labels were fixed to all sample jars and included the following information: sample number, owner name, date and time of collection, and the sampler's initials. Appropriate chain-of-custody records were completed.

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7.1.2 Soil Disposal

Approximately 520 tons of suspected and confirmed petroleum-contaminated soil was removed from the area surrounding the excavation for Tanks 1 through 4. This soil was transported to a Rabanco disposal facility following receipt of the analytical results. Copies of the truck-weight tickets for the contaminated soil disposal are included in Appendix H.

7.1.3 Post Excavation Confirmation Soil Sample Analytical Results

Once Tanks 1, 2, 3, and 4, and the suspected-contaminated soils were removed, performance soil samples were collected from the bottom and sidewalls of the excavation. Initial sample results indicated that petroleum contaminants remained in place and required removal (the primary constituents of concern were GRO and benzene). The excavation was extended vertically and laterally in order to remove the remaining contaminated soil. Confirmation soil samples collected from the excavation bottom and sidewalls indicated that contaminated soils above MTCA Method A cleanup levels were successfully removed.

Sampling locations and the lateral extent of the excavation also are shown on Figure 11a, with analytical results presented in Table 5. The laboratory reports and chain-of-custody documentation for samples collected in the service-station area are presented in Appendix I.

7.1.4 Groundwater Sample Analytical Results

Two samples (T1-W-2 and T1-W-8) of infiltrating groundwater were collected from the excavation after the contaminated soil was removed. The samples contained low-level concentrations of GRO and BTEX compounds. However, all detected concentrations were below the associated MTCA Method A cleanup levels. The locations of collected groundwater samples also are shown on Figure 11a, with analytical results summarized in Table 6.

7.2 Excavation of Used-Oil UST

Tank 5 was a used-oil UST located on the east side of the former service station. This tank was reportedly 250 gallons and was found intact and full of an oily-water mixture. Prior to removing the UST, the tank contents were removed and placed into 55-gallon

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drums for later disposal. The water was analyzed prior to disposal. The analytical results from the tank contents were used to guide the analyses that were performed for the excavation-confirmation samples. The tank then was inerted by a marine chemist and opened to access the contents. The tank was cleaned on-site by Clearcreek and then recycled and a local facility. UST-disposal documentation, Decommissioning Checklist, and material-disposal receipts are included in Appendix F.

The UST and associated piping were visually reviewed upon removal and no evidence of obvious holes were noted in the UST (some corrosion was present). The UST was constructed of single-wall steel. The Tank 5 excavation was completed to a maximum depth of approximately 6.5 feet. A *de minimis* volume of suspected contaminated soil was removed from the excavation and stockpiled for sampling. Performance and confirmation soil samples then were collected from the bottom and sidewalls of the excavation.

7.2.1 Soil Sampling

A G-Logics geologist (and site assessor) screened the excavated soils and observed the condition of the walls and base of the UST excavation for visual evidence of staining and odors. Performance and confirmation soil samples were collected from the excavation bottom and sidewalls to document the successful removal of petroleum-contaminated soil. A mobile-analytical laboratory (Libby Environmental) was used to analyze samples during the UST excavation. Soil samples were analyzed for the presence of one or more of the following compounds: GRO, DRO, ORO, VOCs (including EDB and EDC), MTBE, polychlorinated biphenyls (PCBs), polycyclic aromatic hydrocarbons (PAHs), and lead.

Collected soil samples were placed in laboratory supplied glass containers and given directly to the analyst. Several samples that could not be analyzed using the mobile laboratory were provided to Fremont Analytical in Seattle, WA. Sample labels were fixed to all sample jars and included the following information: sample number, owner name, date and time of collection, and the sampler's initials. Appropriate chain-of-custody records were completed.

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7.2.1 Soil Disposal

Approximately 38 tons of suspected and confirmed petroleum-contaminated soil was removed from the Tank 5 excavation. This soil was transported to a Rabanco disposal facility following receipt of the analytical results. Copies of the truck-weight tickets for the contaminated soil disposal are included in Appendix H.

7.2.2 Post Excavation Confirmation Soil Sample Analytical Results

Confirmation soil samples collected from the excavation bottom and sidewalls indicated that contaminated soils above MTCA Method A cleanup levels were successfully removed. Tank 5 sampling locations are shown on Figure 11a, with analytical results summarized in Table 7. The laboratory reports and chain-of-custody documentation are presented in Appendix I.

7.2.3 Groundwater Sample Analytical Results

Groundwater was not encountered during the Tank 5 excavation and no groundwater samples were collected.

7.3 Quality Assurance/ Quality Control

Quality Assurance/Quality Control (QA/QC) for the presented scope of work included generally accepted procedures for sample collection, storage, tracking, and documentation. All sampling equipment was washed with a detergent wash and tap-water rinse before the collection of the samples. Appropriate chain-of-custody documentation was completed.

The laboratory validated the analytical procedures by processing laboratory-control samples and method-blank samples from each exploration. Several blind duplicate samples also were analyzed by the laboratory. Results were within acceptable limits for QA/QC standards. Laboratory QA/QC information is included (with the laboratory report) in Appendix I.

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8.0 ONGOING COMPLIANCE MONITORING ACTIVITIES

Three groundwater monitoring wells, GL-MW-11, GL-MW-12, and GL-MW-13, have been installed in the area where groundwater contains residual concentrations of vinyl chloride (shown on Figure 12). These wells have been installed to document groundwater conditions and monitor the attenuation of the low concentrations of vinyl chloride. Groundwater analytical results from these wells are summarized in Table 8, with laboratory reports and chain-of-custody documentation presented in Appendix J.

Based on the analytical results from the remedial investigation, as well as analytical results and geochemical parameters collected from wells GL-MW-11, 12, and 13, aquifer conditions at the Site are anaerobic. Because of this, the majority of Site contaminants have naturally biodegraded to concentrations below MTCA Method A cleanup levels. Due to the accelerated timeframe requested by LMC to achieve an NFA for the Site, G-Logics is utilizing in-situ, enhanced-anaerobic bioremediation (EAB) technology as a method to reduce vinyl-chloride concentrations in the groundwater to below MTCA Method A cleanup levels.

G-Logics scope of work for the bioremediation injections is attached as Appendix K. G-Logics has submitted the "Underground Injection Control (UIC) Well Registration Form" to Ecology (also included in Appendix K). This form has been submitted to request the use of wells GL-MW-11 through 13 for the injection-amendment injections. Once injections have been completed, four quarters of groundwater sampling will be conducted to assess conditions. With favorable results, a final Cleanup Action Report will be prepared to document the successful remediation of the Property and the Site.

9.0 CLEANUP ACTION CONCLUSIONS

Presented below are the conclusions regarding the remedial actions performed in the former dry-cleaner area and the former service-station area.

9.1 Former Dry Cleaner

Based on the confirmation soil samples collected from the dry-cleaner excavation and remedial-dewatering system excavation, G-Logics concludes that chlorinated-solvent contaminated soils at this Site have been successfully remediated in accordance with

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MTCA requirements. Therefore, G-Logics believes that no further action is required to address the contaminated soil in the former dry-cleaner area.

Residual low-level concentrations of vinyl chloride currently remain near wells GL-MW-11 and GL-MW-12. These wells have been installed for ongoing compliance monitoring and will be used to document the successful attenuation of groundwater contaminants. Based on the location of the current wells, as compared to the former monitoring wells (notably GL-MW-4), it appears that concentrations have been greatly reduced by the remedial dewatering system that was in operation over the winter and spring of 2014 and 2015. G-Logics believes that the remaining low concentrations will continue to attenuate.

As described in Section 8.0, G-Logics will continue collecting groundwater samples on a quarterly basis. Assuming the successful remediation of the groundwater, we will request a "No Further Action" determination from Ecology for the successful remediation of the Site.

9.2 Former Service Station

Based on the confirmation soil samples collected from the former UST excavations, G-Logics concludes that petroleum-contaminated soils at this Site have been successfully remediated in accordance with MTCA requirements. Therefore, G-Logics believes that no further action is required to address the contaminated soil in the former service station area. In addition, contaminated groundwater was not encountered in prior groundwater sampling or in either UST excavation. Therefore, G-Logics believes that no further action is required to address the identified petroleum contamination in the former service-station area.

9.3 Interim Cleanup Action Report

At the request of Ecology, G-Logics has prepared this *Interim Cleanup Action Report* for the Site. This report documents the successful cleanup of contaminated soils associated with the former dry cleaner, the successful closure and removal of on-site USTs and associated contaminated soils, and the ongoing remedial work to address the residual vinyl chloride contaminants present in the groundwater. G-Logics is requesting a "No Further Action Likely" determination from Ecology with the submittal of this report.

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10.0 LIMITATIONS

The conclusions presented in this report are our professional opinions based solely upon our visual observations and field screening during the performed-remedial work and the analysis of the soil and groundwater samples collected from the excavations, monitoring wells, and soil stockpiles. The results and conclusions are intended exclusively for the purpose outlined herein and for the Site location and project indicated. Opinions and recommendations presented herein apply to Site conditions existing at the time of our work and do not necessarily apply to future changes at the Site which G-Logics, Inc. is not aware and has not had the opportunity to evaluate. Our scope of work was limited to those items specifically identified in this report. Other activities not specifically included in the presented scope of work (in a workplan, correspondence, or this report) are excluded and are therefore not part of our services.

This report is prepared for the sole use of our client. The scope of services performed during this assessment may not be appropriate for the needs of other users, and re-use of this document or the findings, conclusions, or recommendations presented herein are at sole risk of said user(s). Any party other than our client who would like to use this report shall notify G-Logics of such intended use by executing the "Permission and Conditions for Use and Copying" contained in this document. Based on the intended use of the report, G-Logics may require that additional work be performed and that an updated report be issued. Non-compliance with any of these requirements will release G-Logics from any liability resulting from the use of this report by any unauthorized party.

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REFERENCES

Washington Administrative Code, chapter 173-160. *Minimum Standards for Construction and Maintenance of Wells*.

Washington Department of Ecology (Ecology), 1991, *Guidance for Site Checks and Site Assessments for Underground Storage Tanks*, Washington State Department of Ecology Publication No 90-52, Revised April, 2003.

Washington Department of Ecology (Ecology), 2011, *Guidance for Remediation of Petroleum Contaminated Sites*, Washington State Department of Ecology Publication No 10-09-057.

Washington Department of Ecology (Ecology), 2001, *The Model Toxics Control Act Cleanup Regulation*, chapter 173-340 WAC: Olympia, Wash., Washington State Department of Ecology Publication No 94-06, Amended November, 2007, Revised 2013.

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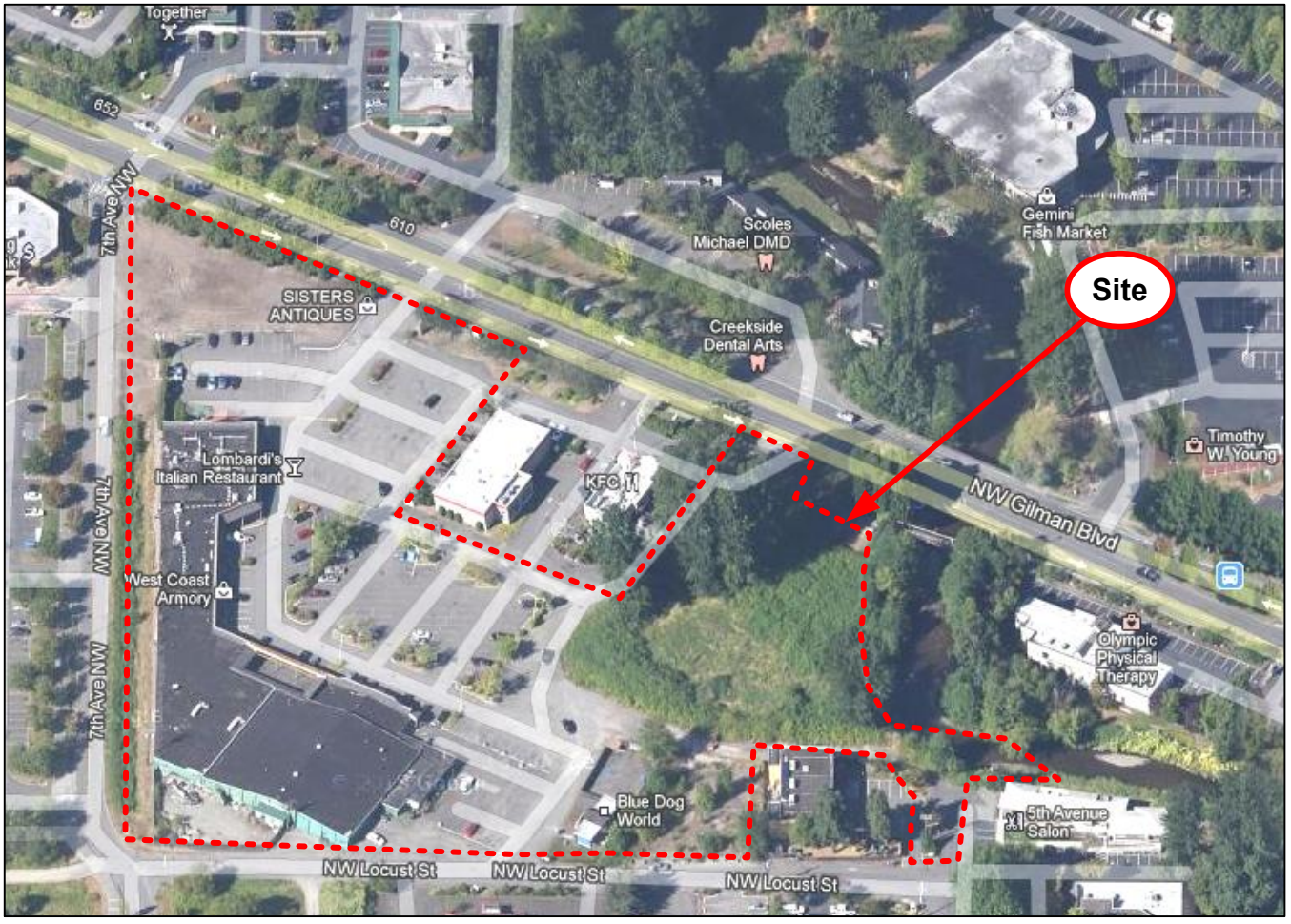
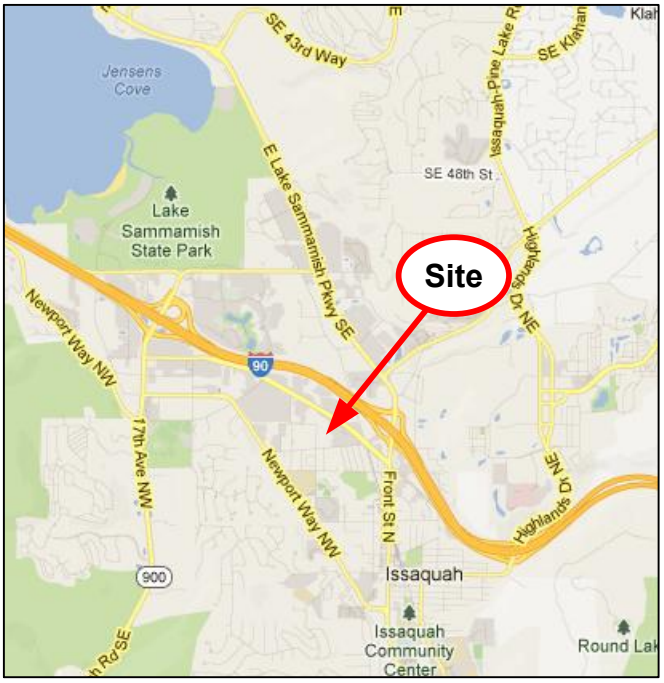
FIGURES



Aerial Photograph Taken in 2012



Mapping Reference: Delorme and Google Maps

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Project File: 01-0868-J-F1.vsd

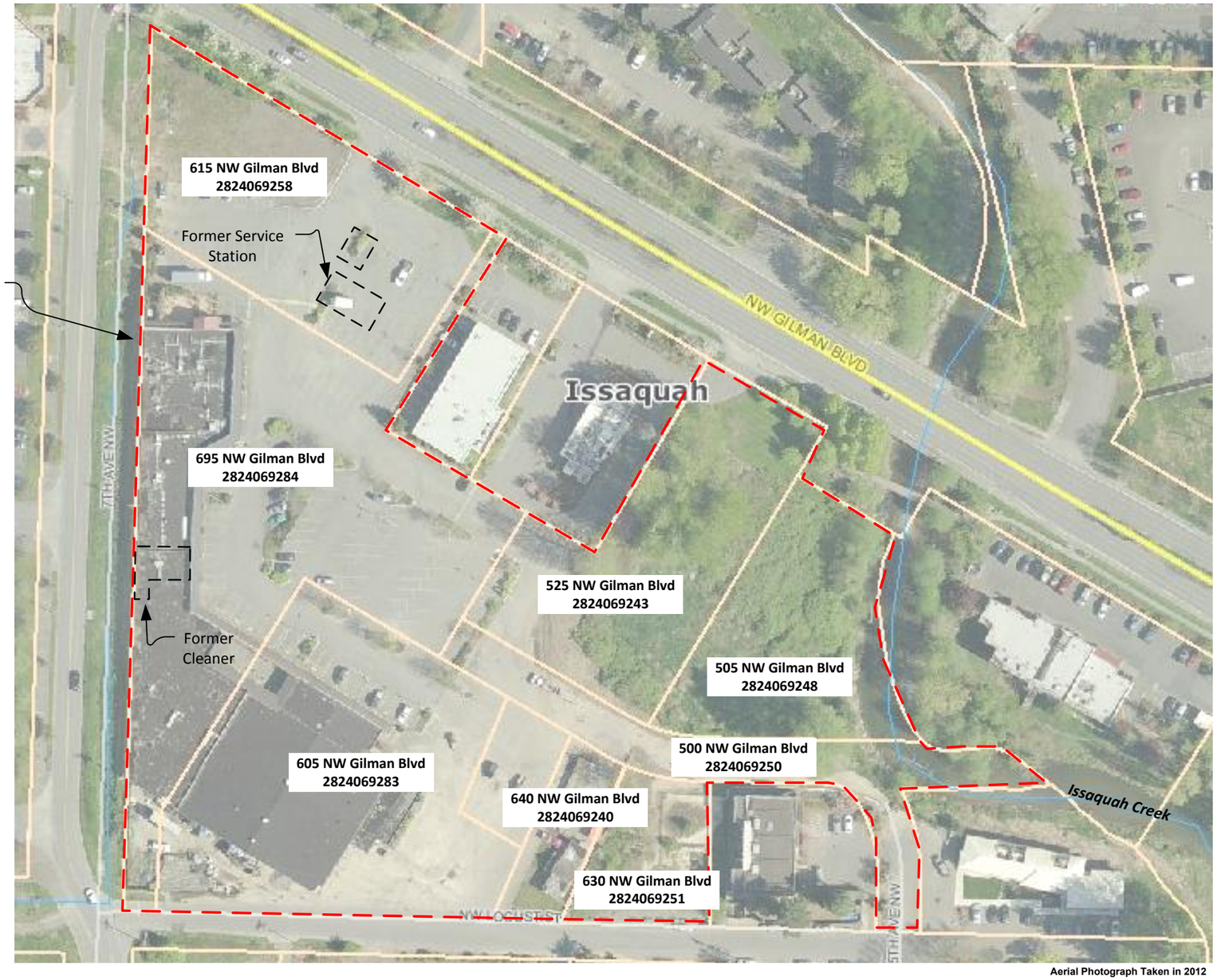
Site Location Maps

Gilman Square

615 Northwest Gilman Blvd

Issaquah, Washington

Figure 1



Aerial Photograph Taken in 2012

Approximate Drawing Scale: 1" = 100'

0 ft. 60 ft. 100 ft. 200 ft.

Important Note: This figure contains information in color. Black & white photocopies may not be suitable for review.

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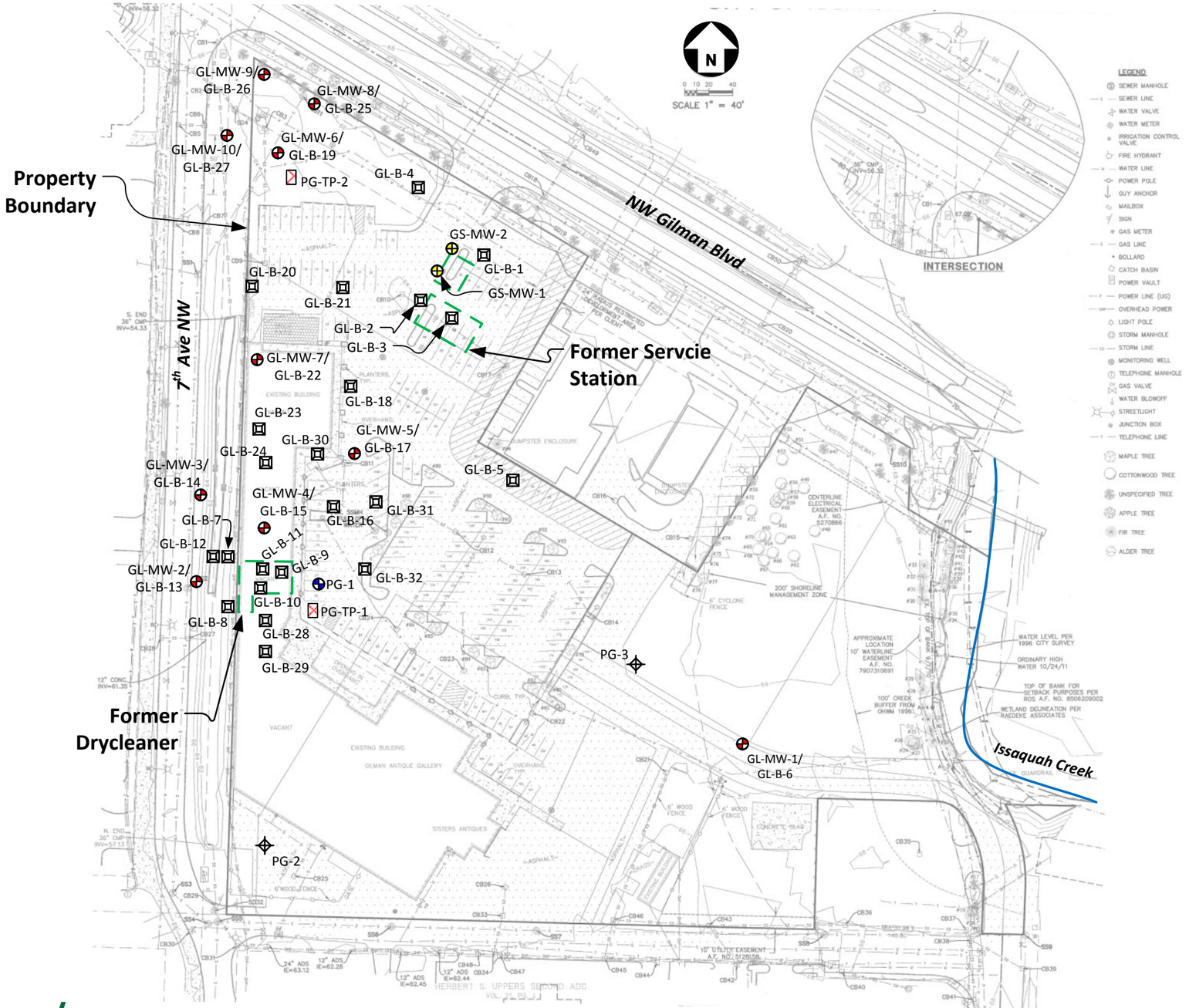
Site Diagram, Tax-Parcel Numbers and Addresses
Gilman Square
615 Northwest Gilman Blvd
Issaquah, Washington

Figure 2

Project File: 01-0868-J-F2.vsd

Mapping Reference: King County iMap, On-Site Measurements and Elevation Survey



Legend

- Previously Installed Groundwater-Monitoring Well Location (abandoned)
- G-Logics Groundwater-Monitoring Well Location (abandoned)
- G-Logics Boring Location
- PanGEO Groundwater-Monitoring Well Location (abandoned)
- PanGEO Geotechnical Boring Location
- PanGEO Geotechnical Testpit Location

Approximate Drawing Scale: 1" = 100'

0 ft. 60 ft. 100 ft. 200 ft.

Important Note: This figure contains information in color. Black & white photocopies may not be suitable for review.

Project File: 01-0868-J-F3.vsd

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Site Diagram, Exploration Locations
Gilman Square
615 Northwest Gilman Blvd
Issaquah, Washington

Figure 3

Mapping Reference: King County iMap, On-Site Measurements, Encompass Engineering & Surveying Boundary/Topography Survey (12/10/2013)

N

7th Ave NW

NW Locust Street

Former Drycleaner

Former Gas Station

NW Gilman Blvd

A

A'

B

B'

GL-MW-2/ GL-B-13

GL-MW-3/ GL-B-14

GL-B-12

GL-B-8

GL-B-7

GL-B-10

GL-B-11

GL-B-23

GL-B-20

GL-MW-10/ GL-B-27

GL-MW-9/ GL-B-26

GL-MW-6/ GL-B-19

GL-MW-8/ GL-B-25

PG-TP-2

PG-2

GL-B-29

GL-B-28

GL-MW-4/ GL-B-15

GL-MW-7/ GL-B-22

GL-B-24

GL-B-9

GL-B-30

PG-TP-1

PG-1

GL-B-16

GL-B-21

GL-MW-5/ GL-B-17

GL-B-18

GL-B-32

GL-B-31

GL-B-2

GL-B-4

GL-B-3

GS-MW-2

GS-MW-1

GL-B-1

GL-B-5

TOP=69.00

BOT. ELEV.=61.0

PROPERTY BOUNDARY (TYP.)

1472LF

TESC 1 SEE NOTE

TESC 2 SEE NOTE 5

11 TYP.

3 TYP.

Legend

- Previously Installed Groundwater-Monitoring Well Location (abandoned)
- G-Logics Groundwater-Monitoring Well Location (abandoned)
- G-Logics Boring Location
- PanGEO Geotechnical Groundwater-Monitoring Well Location (abandoned)
- PanGEO Geotechnical Boring Location
- PanGEO Geotechnical Testpit Location
- Interpreted Area of Vinyl Chloride-Contaminated Groundwater (Above MTCA Method A Cleanup Level of 0.2 µg/L, Based on 2013 and 2014 Data)

Approximate Drawing Scale: 1" = 50'

0 ft. 30 ft. 50 ft. 100 ft.

Important Note: This figure contains information in color. Black & white photocopies may not be suitable for review.

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Dry Cleaner Area, Cross-Section Locations

Gilman Square

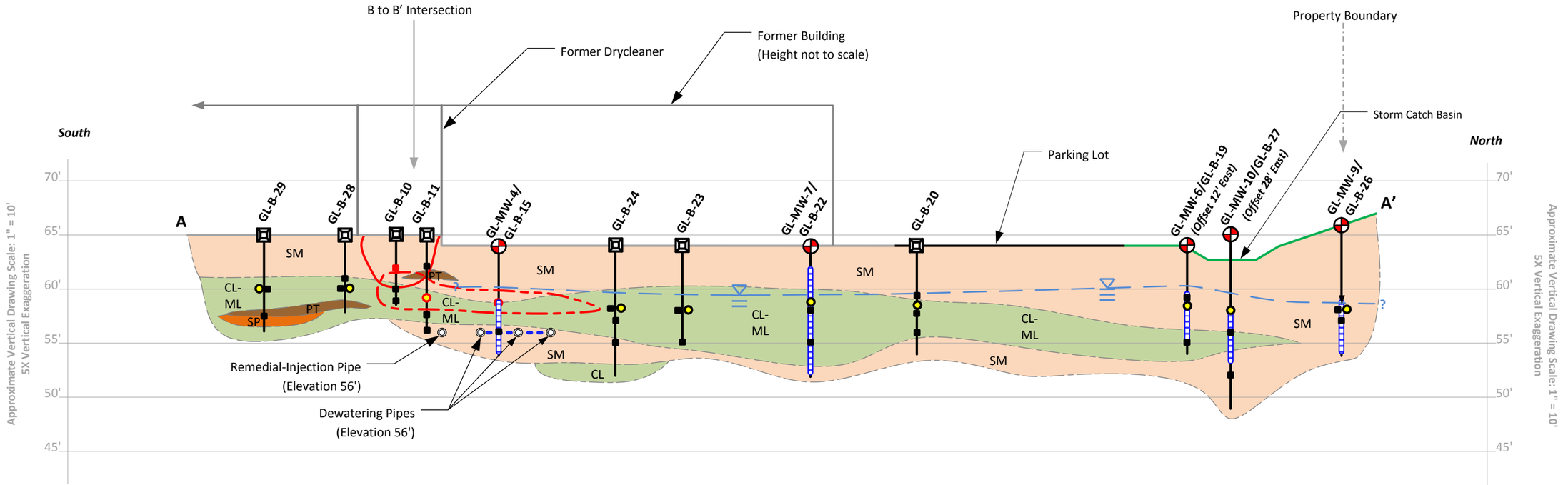
615 Northwest Gilman Blvd

Issaquah, Washington

Figure 4

Project File: 01-0868-J-F4.vsd

Mapping Reference: King County iMap, On-Site Measurements, CPH Consultants Drawing C-103 of Demolition and Preload Package (dated May 29, 2014)



Boring Legend

- G-Logics Groundwater-Monitoring Well Location
- G-Logics Boring Location
- Approximate Extent of Cl Solvent-Contaminated Soil
- Approximate Extent of Cl Solvent-Contaminated Groundwater
- SM — USCS Soil Type and Approximate Boundary
- Approximate Water Table Elevation (Based on June 2014 Data)
- Soil Sample, PCE concentration below cleanup levels of 0.05 mg/kg
- Soil Sample, PCE concentration above cleanup levels of 0.05 mg/kg
- Groundwater Sample, Vinyl Chloride concentration below cleanup levels of 0.2 ug/L
- Groundwater Sample, Vinyl Chloride concentration above cleanup levels of 0.2 ug/L
- Well Screen Interval

Approximate Horizontal Drawing Scale: 1" = 50'
Approximate Vertical Drawing Scale: 1" = 10'

0 ft. 30 ft. 50 ft. 100 ft.

Important Note: This figure contains information in color. Black & white photocopies may not be suitable for review.

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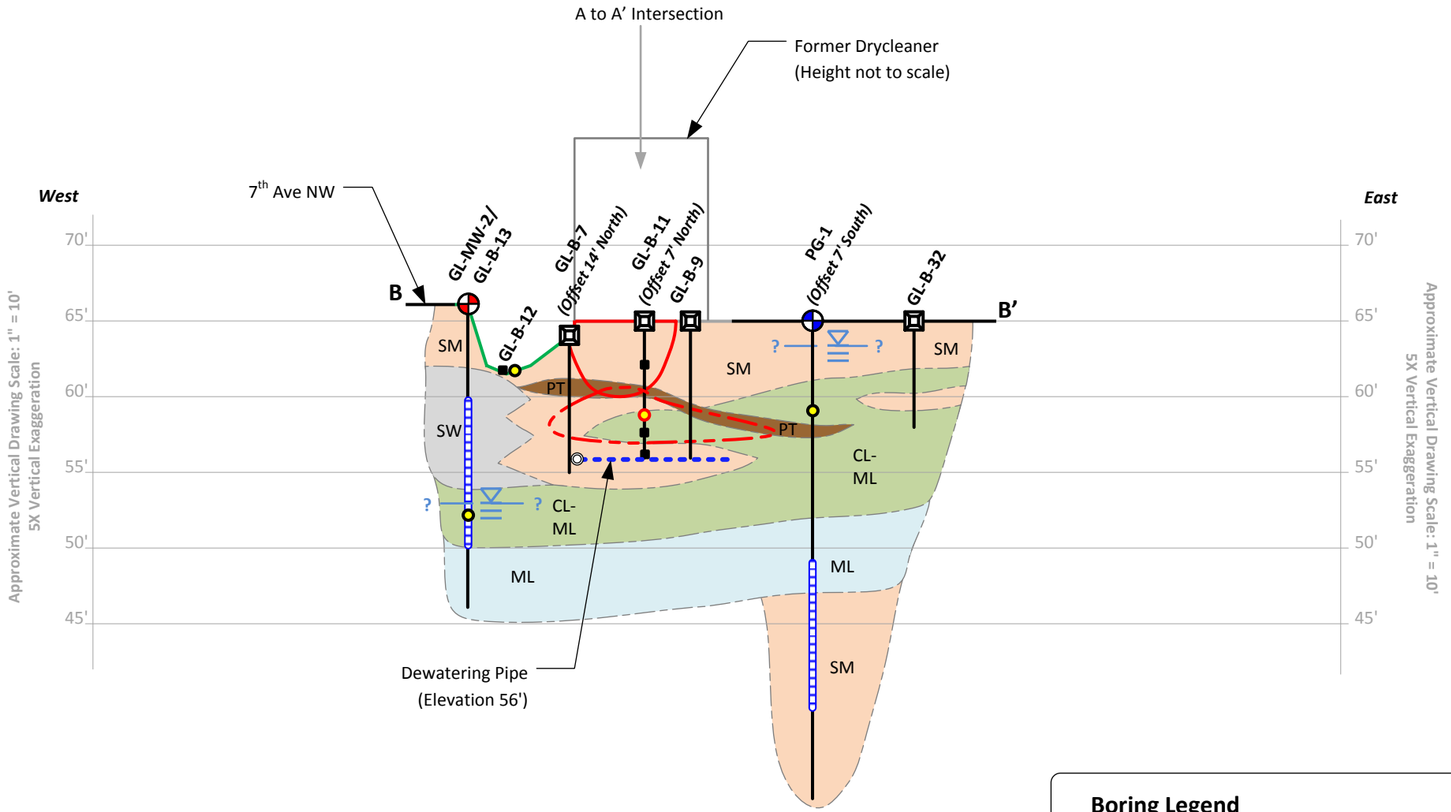
Dry Cleaner Area, Cross Section A to A'
Gilman Square
615 Northwest Gilman Blvd
Issaquah, Washington

Figure
5

Project File: 01-0868-J-F5.vsd

Mapping Reference: King County iMap, On-Site Measurements, CPH Consultants Drawing C-103 of Demolition and Preload Package (dated May 29, 2014)



Boring Legend

- G-Logics Groundwater-Monitoring Well Location
- G-Logics Boring Location
- Approximate Extent of Cl Solvent-Contaminated Soil
- Approximate Extent of Cl Solvent-Contaminated Groundwater
- SM — USCS Soil Type and Approximate Boundary
- Approximate Water Table Elevation (Based on June 2014 Data)
- Soil Sample, PCE concentration below cleanup levels of 0.05 mg/kg
- Soil Sample, PCE concentration above cleanup levels of 0.05 mg/kg
- Groundwater Sample, Vinyl Chloride concentration below cleanup levels of 0.2 ug/L
- Groundwater Sample, Vinyl Chloride concentration above cleanup levels of 0.2 ug/L
- **Well Screen Interval**

Approximate Horizontal Drawing Scale: 1" = 50'
Approximate Vertical Drawing Scale: 1" = 10'

0 ft. 30 ft. 50 ft. 100 ft.

Important Note: This figure contains information in color. Black & white photocopies may not be suitable for review.

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Dry Cleaner Area, Cross Section B to B'
Gilman Square
615 Northwest Gilman Blvd
Issaquah, Washington

Figure 6

Project File: 01-0868-J-F6.vsd

Mapping Reference: King County iMap, On-Site Measurements, CPH Consultants Drawing C-103 of Demolition and Preload Package (dated May 29, 2014)

7th Ave NW

NW Locust Street

NW Gilman Blvd

Former Drycleaner Footprint

UST Locations

UST Location

Former Gas Station

Legend

- Drycleaner Area Excavation Boundaries, Performed in Fall of 2014
- UST-Removal Excavation, Performed in Spring of 2015

Approximate Drawing Scale: 1" = 50'

0 ft. 30 ft. 50 ft. 100 ft.

Important Note: This figure contains information in color. Black & white photocopies may not be suitable for review.

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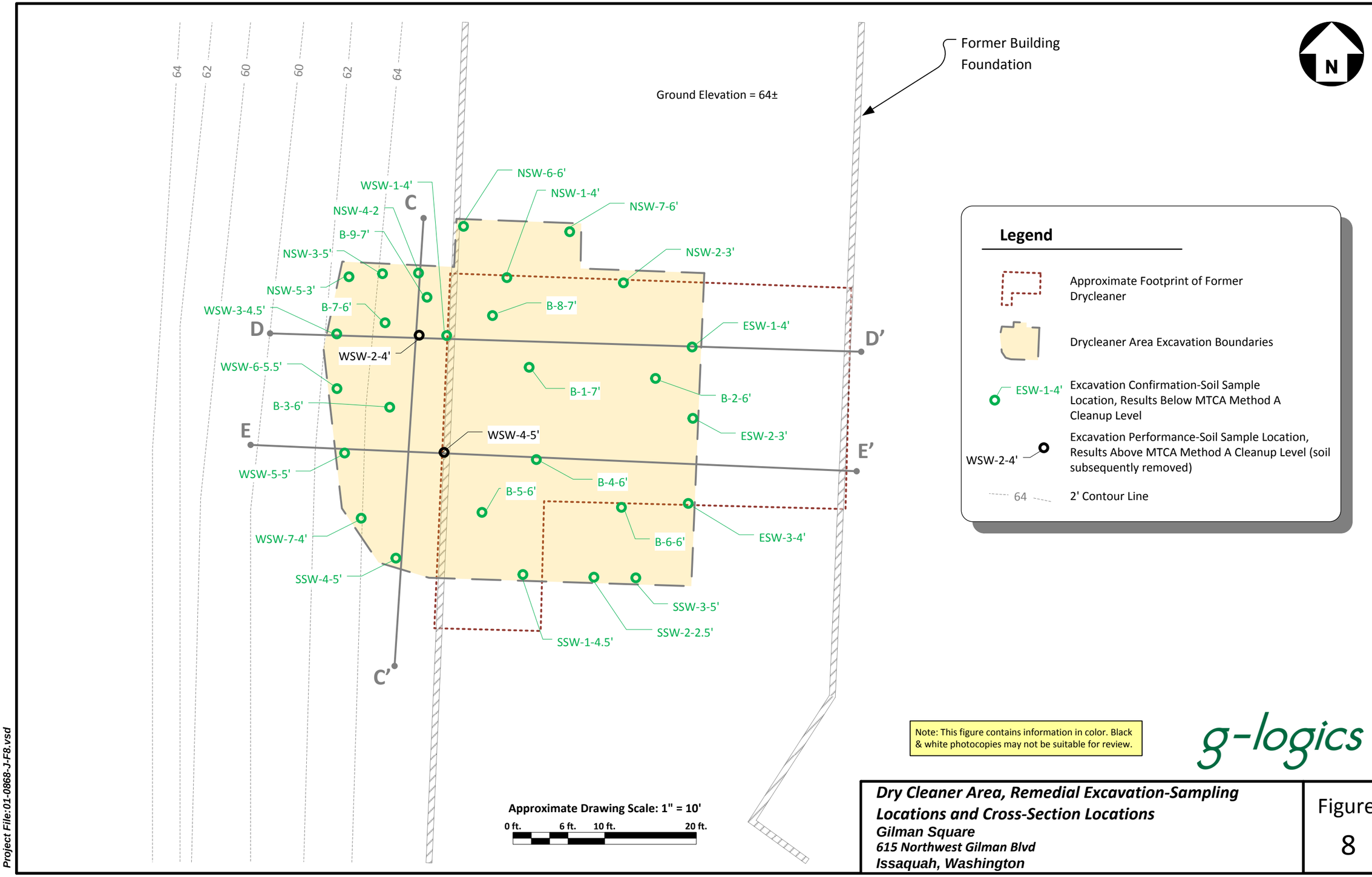
Site Diagram, Remedial Excavation Locations
Gilman Square
615 Northwest Gilman Blvd
Issaquah, Washington

Figure 7

Project File: 01-0868-J-F7.vsd

Mapping Reference: King County iMap, On-Site Measurements, CPH Consultants Drawing C-103 of Demolition and Preload Package (dated May 29, 2014)



Note: This figure contains information in color. Black & white photocopies may not be suitable for review.

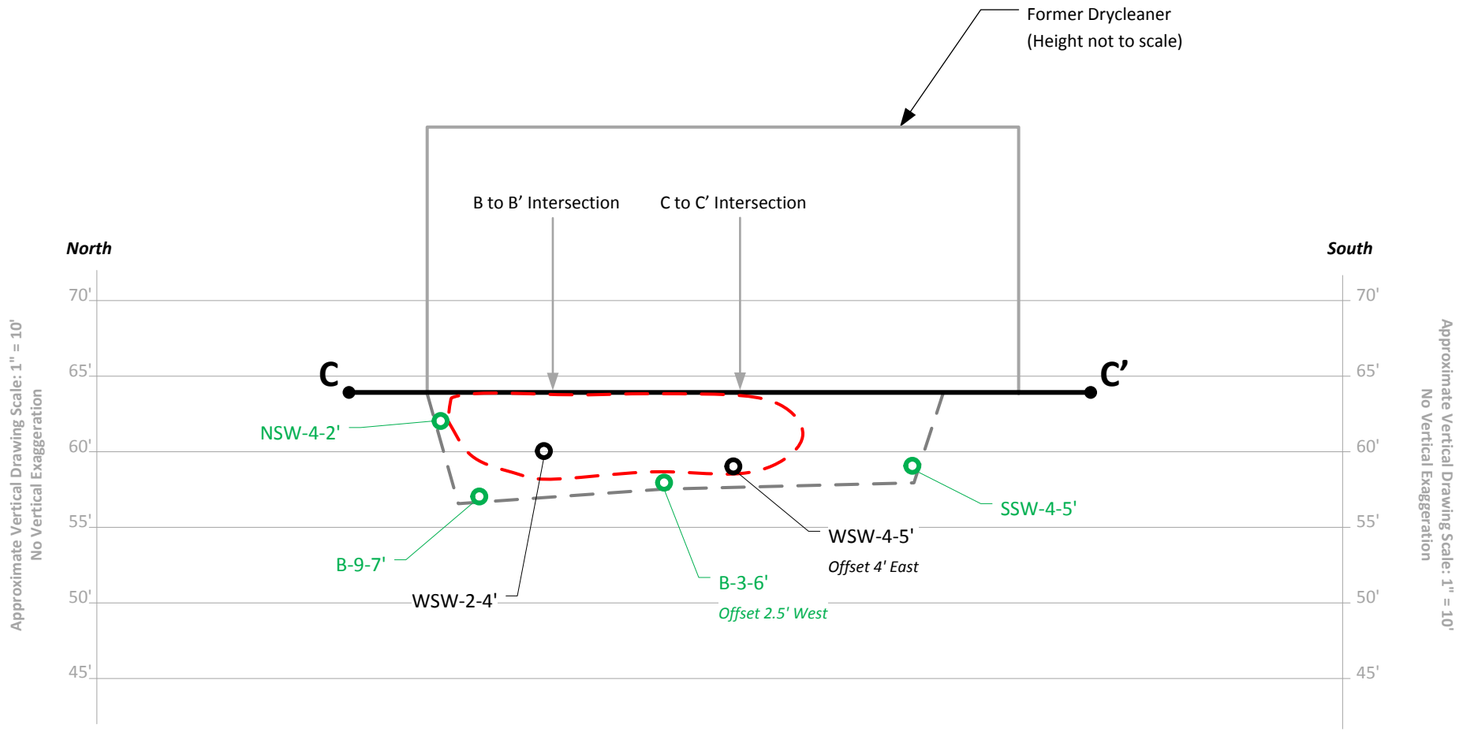
g-logics

Dry Cleaner Area, Remedial Excavation-Sampling Locations and Cross-Section Locations
Gilman Square
615 Northwest Gilman Blvd
Issaquah, Washington

Figure 8

Project File:01-0868-J-F8.vsd

Mapping Reference: King County iMap, On-Site Measurements, CPH Consultants Demolition and Preload Package (dated May 29, 2014)



Legend

- Drycleaner Excavation Boundaries
- B-9-7' — Excavation Confirmation-Soil Sample Location, Results Below MTCA Method A Cleanup Level
- WSW-2-4' — Excavation Performance-Soil Sample Location, Results Above MTCA Method A Cleanup Level (soil subsequently removed)
- Approximate Extent of Removed PCE-Contaminated Soil above the MTCA Method A Cleanup Level

Approximate Drawing Scale: 1" = 10'

0 ft. 6 ft. 10 ft. 20 ft.

g-logics

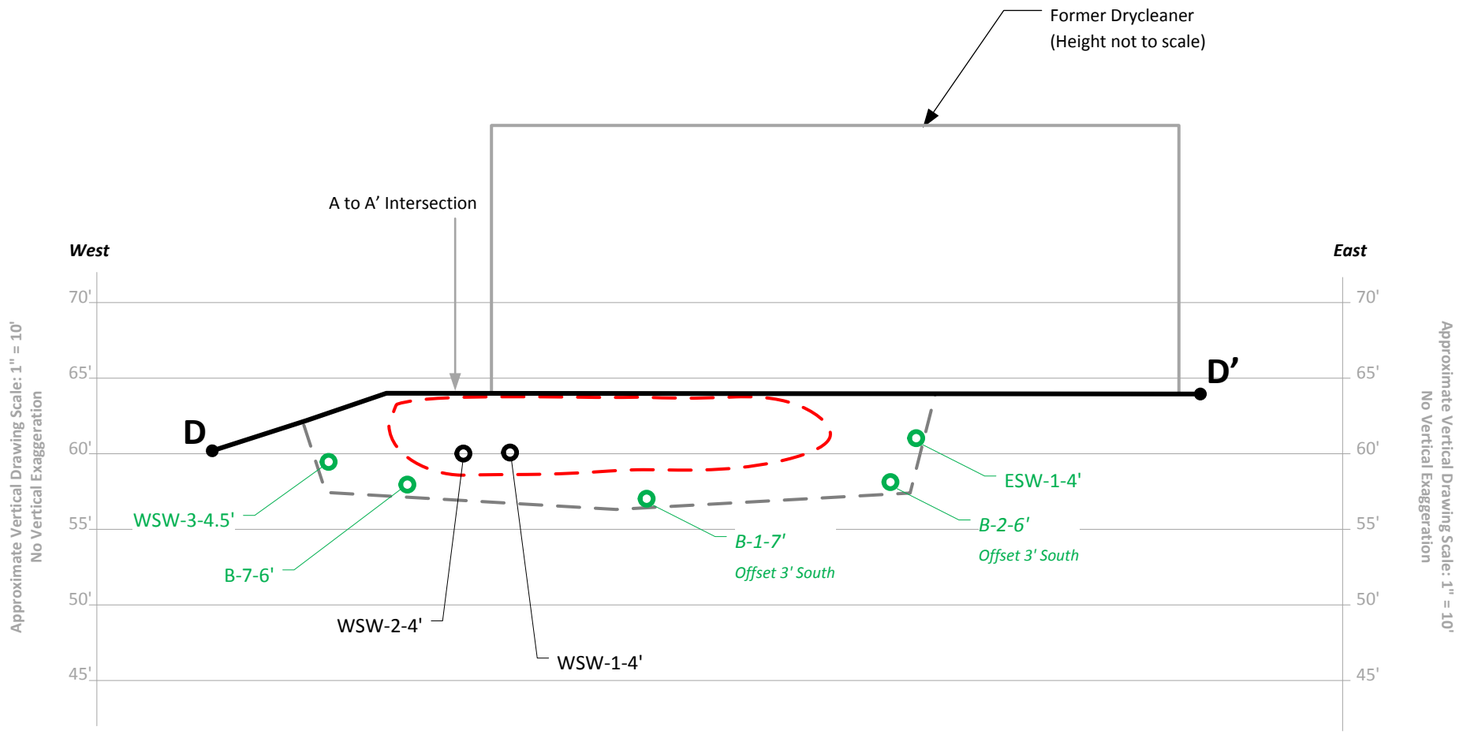
Note: This figure contains information in color. Black & white photocopies may not be suitable for review.

Remedial Excavation, Cross Section C to C'
Gilman Square
615 Northwest Gilman Blvd
Issaquah, Washington

Figure
8a

Project File:01-0868-J-F8a.vsd

Mapping Reference: King County iMap, On-Site Measurements, CPH Consultants Drawing C-103 of Demolition and Preload Package (dated May 29, 2014)



Legend

- Drycleaner Excavation Boundaries
- B-9-7' — Excavation Confirmation-Soil Sample Location, Results Below MTCA Method A Cleanup Level
- WSW-2-4' — Excavation Performance-Soil Sample Location, Results Above MTCA Method A Cleanup Level (soil subsequently removed)
- Approximate Extent of Removed PCE-Contaminated Soil above the MTCA Method A Cleanup Level

Approximate Drawing Scale: 1" = 10'

0 ft. 6 ft. 10 ft. 20 ft.

g-logics

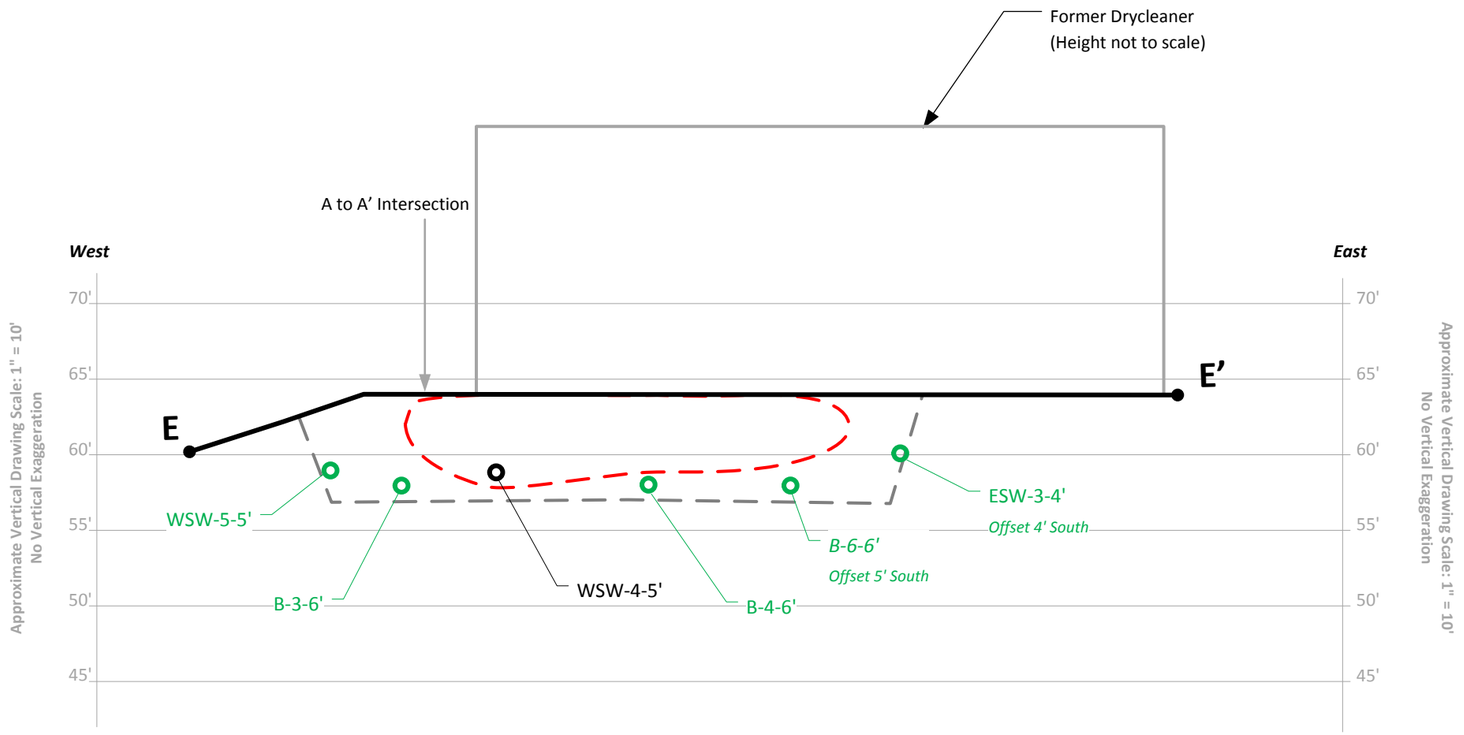
Note: This figure contains information in color. Black & white photocopies may not be suitable for review.

Remedial Excavation, Cross Section D to D'
Gilman Square
615 Northwest Gilman Blvd
Issaquah, Washington

Figure
8b

Project File:01-0868-J-F8b.vsd

Mapping Reference: King County iMap, On-Site Measurements, CPH Consultants Drawing C-103 of Demolition and Preload Package (dated May 29, 2014)



Legend

- Drycleaner Excavation Boundaries
- B-9-7' — Excavation Confirmation-Soil Sample Location, Results Below MTCA Method A Cleanup Level
- WSW-4-5' — Excavation Performance-Soil Sample Location, Results Above MTCA Method A Cleanup Level (soil subsequently removed)
- Approximate Extent of Removed PCE-Contaminated Soil above the MTCA Method A Cleanup Level

Approximate Drawing Scale: 1" = 10'

0 ft. 6 ft. 10 ft. 20 ft.

g-logics

Note: This figure contains information in color. Black & white photocopies may not be suitable for review.

Remedial Excavation, Cross Section E to E'
Gilman Square
615 Northwest Gilman Blvd
Issaquah, Washington

Figure
8c

Project File:01-0868-J-F8c.vsd

Mapping Reference: King County iMap, On-Site Measurements, CPH Consultants Drawing C-103 of Demolition and Preload Package (dated May 29, 2014)

Legend

- Approximate Footprint of Former Drycleaner
- Dewatering- System Excavation Boundary
- Former Drycleaner Excavation Boundary
- DW-EX — Excavation Sidewall and Bottom Confirmation-Soil Sample Location and Identification
- Original Interpreted Extent of Vinyl Chloride-Contaminated Groundwater (Above MTCA Method A Cleanup Level of 0.2 µg/L, Based on 2013/2014 Data)

N

DW-EX-8-59.5'
DW-EX-13-56'
DW-EX-4-58'
DW-EX-3-61'
DW-EX-14-56'
DW-EX-1-62'
DW-EX-12-56'
DW-EX-7-58'
DW-EX-10-57'
DW-EX-2-60.5'
DW-EX-6-61'
DW-EX-11-56'
DW-EX-9-59'
DW-EX-5-58'

Interpreted Extent of Vinyl Chloride-Contaminated Groundwater. Based on 2013 and 2014 Groundwater Data.

g-logics

Note: This figure contains information in color. Black & white photocopies may not be suitable for review.

Approximate Drawing Scale: 1" = 20'

0 ft. 12 ft. 20 ft. 40 ft.

Remedial-Dewatering System Excavation Sampling
Gilman Square
615 Northwest Gilman Blvd
Issaquah, Washington

Figure 9

Project File: 01-0868-J-F9.vsd

Mapping Reference: King County iMap, On-Site Measurements, CPH Consultants Demolition and Preload Package (dated May 29, 2014)

Legend

- Interpreted Area of Vinyl Chloride-Contaminated Groundwater (Above MTCA Method A Cleanup Level of 0.2 µg/L, Based on 2013 and 2014 Data
- 4" Diameter, Perforated PVC Pipes (number indicates pipe length)
- 4" Diameter, Solid PVC Pipes
- Riser for Dewatering

Former-Drycleaner Footprint. Area Excavated in September/ October 2014.

Interpreted Extent of Vinyl Chloride-Contaminated Groundwater. Based on 2013 and 2014 Groundwater Data.

Horizontal 4" Perforated PVC Pipes at Elevation 56'. Connected to 4" solid PVC Manifold. Manifold Connected to 24" Vertical Riser for Dewatering.

50 ft. 50 ft. 50 ft.

GATE

23+00 24+00 25+00

TOP=69.00

11 TYP. 10 TYP.

g-logics

Approximate Drawing Scale: 1" = 30'

0 ft. 18 ft. 30 ft. 60 ft.

N

Note: This figure contains information in color. Black & white photocopies may not be suitable for review.

Remedial-Dewatering System Diagram

Gilman Square

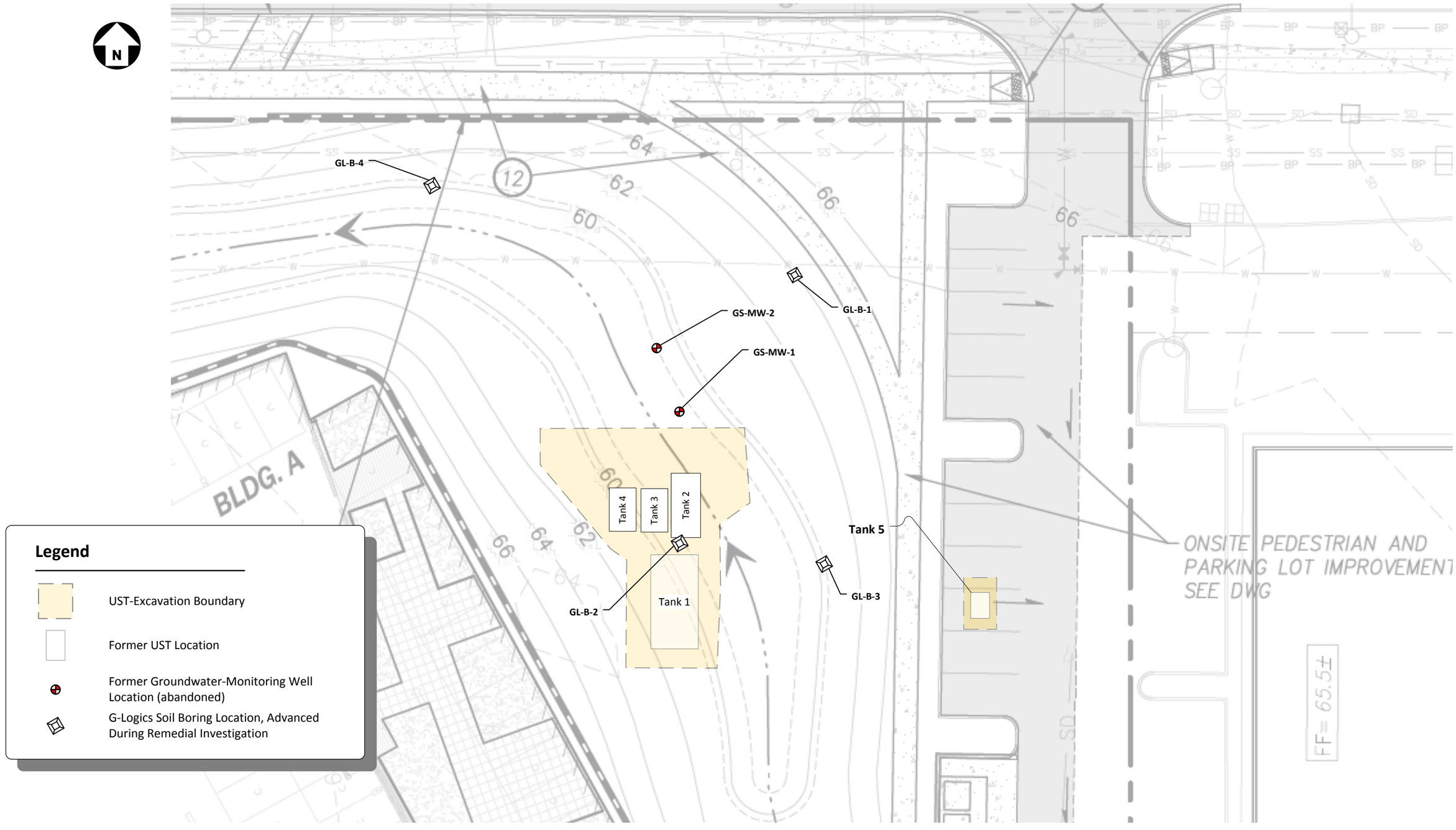
615 Northwest Gilman Blvd

Issaquah, Washington

Figure 10

Project File: 01-0868-J-F10.vsd

Mapping Reference: King County iMap, On-Site Measurements, CPH Consultants Demolition and Preload Package (dated May 29, 2014)



g-logics

Note: This figure contains information in color. Black & white photocopies may not be suitable for review.

Approximate Drawing Scale: 1" = 20'

0 ft. 12 ft. 20 ft. 40 ft.

Former UST Locations and Excavation Boundaries

Gilman Square

615 Northwest Gilman Blvd

Issaquah, Washington

Figure 11

Project File: 01-0868-J-F11.vsd

Mapping Reference: King County iMap, On-Site Measurements, CPH Consultants Demolition and Preload Package (dated May 29, 2014)

g-logics

GL-B-1

GS-MW-2

GS-MW-1

NSO-10'

T1-W-8

NSW-4-9'

NSW-3-6'

NSO-11'

B-3-10'

ESW-4-9'

NEC-2-11'

NWC-4-12'

NSW-1-5'

ESW-4-SO-6'

SO-1-6'

SO-2-6'

ESW-2-5'

WSW-4-5'

ESW-3-9'

B-2-8'

B-2-8'

WSW-4-6.5'

ESW-2-6'

SWC-4-11'

SEC-8',10'

SO-4-10

B-3-8',11',14',16'

TANKTP1-5',6'

B-5-11'

GL-B-2

SSW-4-8'

SO-3-6',9'

ESW-1-8'

WSW-1-10'

T1-W-2

B-1-11'

SSW-1-6'

GL-B-3

Tank 5

NSW-5-6'

NSW-5-5'

ESW-5-6'

WSW-5-6'

WSW-5-5'

ESW-5-5'

WSW-5-1'

F-5-5', 6.5'

N

Legend

- UST-Excavation Boundary
- Former UST Location
- Former Groundwater-Monitoring Well Location (abandoned)
- G-Logics Soil Boring Location, Advanced During Remedial Investigation
- B-1-11' — Excavation Confirmation-Soil Sample Location, Results Below MTCA Method A Cleanup Level
- T1-W-2 — Sample Collected of Infiltrating Groundwater, Results Below MTCA Method A Cleanup Level
- ESW-2-6' — Excavation Performance-Soil Sample Location, Results Above MTCA Method A Cleanup Level (soil subsequently removed)

Approximate Drawing Scale: 1" = 10'

0 ft. 6 ft. 10 ft. 20 ft.

Note: This figure contains information in color. Black & white photocopies may not be suitable for review.

Project File:01-0868-J-F11a.vsd

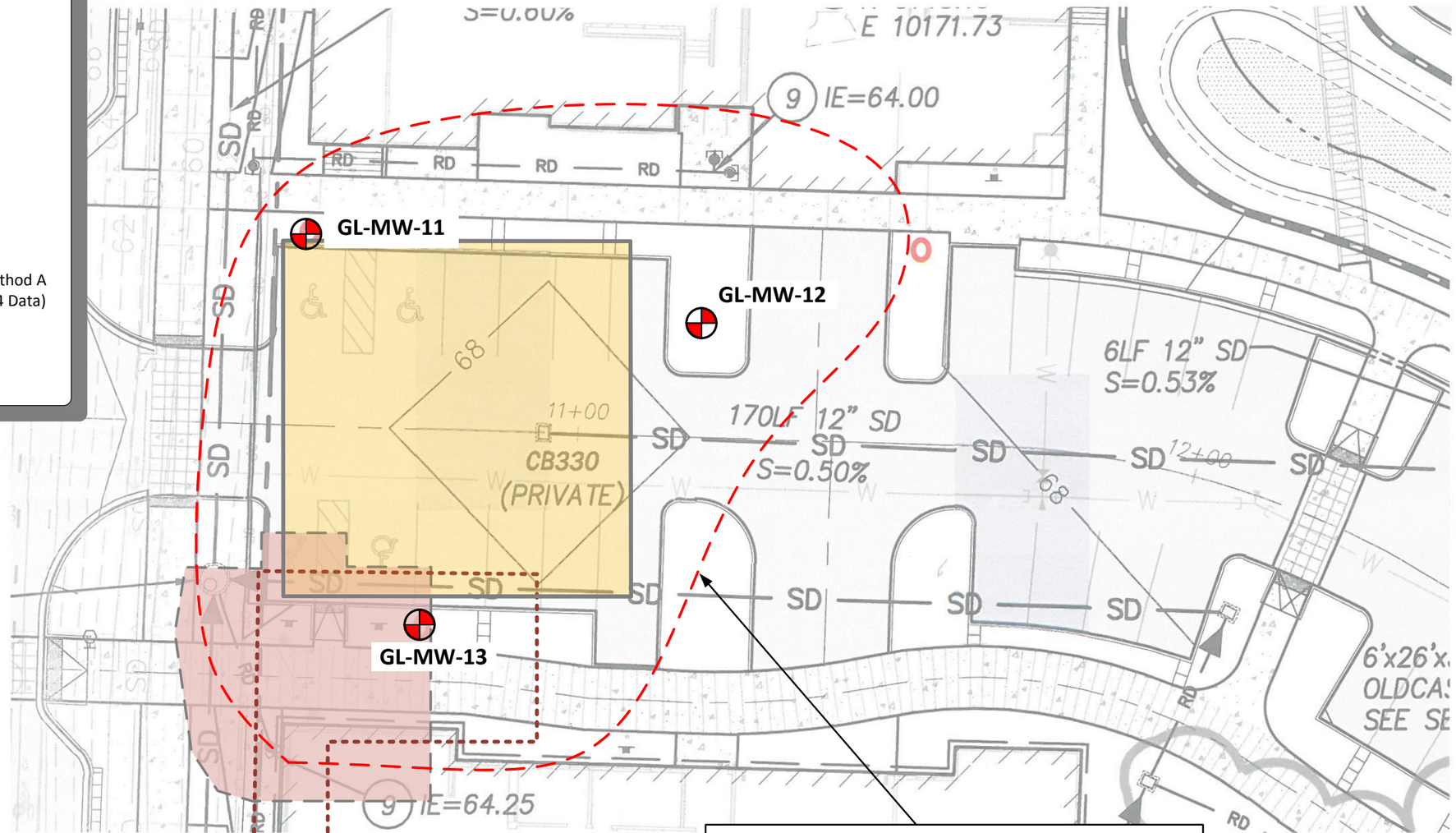
Former UST Excavation-Sampling Locations
Gilman Square
615 Northwest Gilman Blvd
Issaquah, Washington

Figure
11a

Mapping Reference: King County iMap, On-Site Measurements, CPH Consultants Demolition and Preload Package (dated May 29, 2014)

Legend

- Approximate Footprint of Former Drycleaner
- Dewatering- System Excavation Boundary
- Former Drycleaner Excavation Boundary
- Original Interpreted Extent of Vinyl Chloride-Contaminated Groundwater (Above MTCA Method A Cleanup Level of 0.2 µg/L, Based on 2013/2014 Data)
- G-Logics Well Location, Installed in 2015



Project File: 01-0868-J-F12.vsd

g-logics

Note: This figure contains information in color. Black & white photocopies may not be suitable for review.

Approximate Drawing Scale: 1" = 20'

0 ft. 12 ft. 20 ft. 40 ft.

Current Well Locations
Gilman Square
615 Northwest Gilman Blvd
Issaquah, Washington

Figure 12

Mapping Reference: On-Site Measurements, Building Plans Provided by Andersen Construction.

TABLES

TABLE 1

Groundwater Elevation Measurements
Gilman Square
615 NW Gilman Blvd, Issaquah, WA

Location Designation	Well Installation Date	Ecology Well Tag Number	Elevation Top of PVC Casing (ft.)*	Depth to Top of Screen (ft.)	Depth to Bottom of Screen (ft.)	Well Diameter (in.)	Date Measured	Depth to Water (ft.)	Calculated Elevations (ft.)
GS-MW-1	4/18/94	N/A	65.05	---	8.7	2.0	8/22/13	6.14	58.91
							12/12/13	4.64	60.41
							2/4/14	3.89	61.16
							6/25/14	4.82	60.23
							9/4/14	5.14	59.91
							Well Decommissioned September 2014		
GS-MW-2	4/18/94	N/A	65.24	---	9.7	2.0	8/22/13	6.68	58.56
							6/25/14	5.32	59.92
							9/4/14	5.51	59.73
							Well Decommissioned September 2014		
PG-1	6/12/13	BHZ-782	65.52	15.0	25.0	2.0	8/21/13	5.95	59.57
							12/12/13	3.42	62.10
							2/4/14	0.55	64.97
							4/17/14	Atresian	---
							6/19/14	1.85	63.67
							9/4/14	4.98	60.54
							Well Decommissioned September 2014		
GL-MW-1	6/5/13	BHU-137	66.02	19.0	15.0	2.0	8/21/13	5.88	60.14
							Well Decommissioned September 2014		
GL-MW-2	8/19/13	BHU-489	68.11	10.0	15.0	2.0	8/21/13	13.01	64.10
							9/4/14	10.38	57.73
							Well Decommissioned September 2014		
GL-MW-3	8/19/13	BHU-490	68.54	9.5	14.5	2.0	8/21/13	9.72	58.82
							12/12/13	8.02	60.52
							2/4/14	7.63	60.91
							4/17/14	7.21	61.33
							6/24/14	8.29	60.25
							9/4/14	9.02	59.52
							Well Decommissioned September 2014		

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TABLE 1

Groundwater Elevation Measurements
Gilman Square
615 NW Gilman Blvd, Issaquah, WA

Location Designation	Well Installation Date	Ecology Well Tag Number	Elevation Top of PVC Casing (ft.)*	Depth to Top of Screen (ft.)	Depth to Bottom of Screen (ft.)	Well Diameter (in.)	Date Measured	Depth to Water (ft.)	Calculated Elevations (ft.)
GL-MW-4	8/19/13	BHU-491	65.39	4.0	9.0	1.0	8/21/13	6.21	59.18
							12/12/13	4.10	61.29
							2/4/14	4.02	61.37
							6/19/14	4.01	61.38
							Well Decommissioned July 2014		
GL-MW-5	12/11/13	BIC-996	64.26	3.0	13.0	2.0	12/12/13	4.15	60.11
							2/4/14	3.69	60.60
							4/17/14	3.01	61.25
							6/19/14	4.13	60.13
							9/4/14	5.00	59.26
							Well Decommissioned September 2014		
GL-MW-6	12/11/13	BIC-997	64.30	4.0	9.0	2.0	12/12/13	3.46	60.84
							2/4/14	2.91	61.39
							4/17/14	2.92	61.38
							6/25/14	3.50	60.80
							9/4/14	3.94	60.36
							Well Decommissioned September 2014		
GL-MW-7	12/12/13	BIC-998	65.57	2.0	12.0	1.0	12/12/13	4.55	61.02
							2/4/14	4.40	61.17
							4/17/14	3.95	61.62
							6/19/14	4.55	61.02
							Well Decommissioned July 2014		
GL-MW-8	1/23/14	BHV-489	66.20	6.0	11.0	1.0	1/24/14	5.67	60.53
							2/4/14	5.59	60.61
							4/17/14	5.50	60.70
							6/25/14	6.20	60.00
							9/4/14	6.16	60.04
							Well Decommissioned September 2014		

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TABLE 1

Groundwater Elevation Measurements
Gilman Square
615 NW Gilman Blvd, Issaquah, WA

Location Designation	Well Installation Date	Ecology Well Tag Number	Elevation Top of PVC Casing (ft.)*	Depth to Top of Screen (ft.)	Depth to Bottom of Screen (ft.)	Well Diameter (in.)	Date Measured	Depth to Water (ft.)	Calculated Elevations (ft.)
GL-MW-9	1/23/14	BHV-490	67.13	7.0	12.0	1.0	1/24/14	7.02	60.11
							2/4/14	6.92	60.21
							4/17/14	6.83	60.30
							6/25/14	7.34	59.79
							9/4/14	7.15	59.98
							Well Decommissioned September 2014		
GL-MW-10	1/23/14	BHV-491	66.39	7.0	13.0	1.0	1/24/14	6.25	60.14
							2/4/14	6.15	60.24
							4/17/14	6.05	60.34
							6/25/14	6.54	59.85
							9/4/14	6.48	59.91
							Well Decommissioned September 2014		
GL-MW-11	6/24/15	BIK-977	66.80	3.0	13.0	2.0	6/25/15	8.43	58.37
							9/2/15	8.31	58.49
GL-MW-12	6/24/15	BIK-978	68.12	4.0	14.0	2.0	6/25/15	9.77	58.35
								8.26	59.86
GL-MW-13	6/24/15	BIK-979	67.52	6.0	11.0	2.0	6/25/15	9.38	58.14

* Elevations based on Encompass Engineering & Surveying Boundary/Topography Survey (12/10/2013)

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Graph 1: Historical Groundwater Flow Direction
Gilman Square
615 NW Gilman Blvd, Issaquah, WA

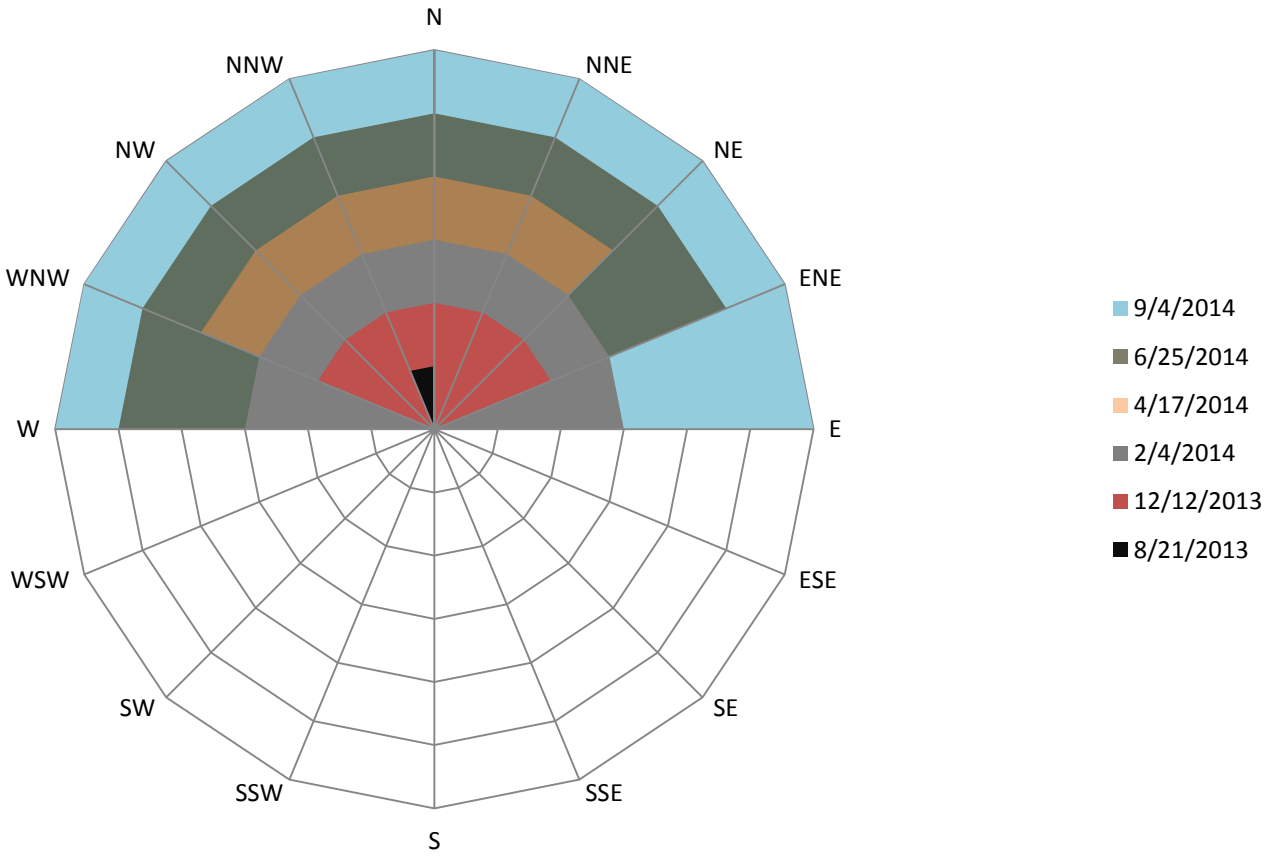

TABLE 2
Dry Cleaner Area, Remedial Excavation Soil Sample Analyses
Gilman Square
615 NW Gilman Blvd, Issaquah, WA

Exploration Location	Sample Date	Sample Number	Sample Depth (ft)	Sample Elevation (ft)*	Tetrachloroethylene (PCE)	Other VOCs
units in mg/kg					EPA 8260C	
North Sidewall	9/22/2014	NSW-1-4'	4	60	nd	nd
	9/22/2014	NSW-2-3'	3	61	nd	nd
	9/23/2014	NSW-3-5'	5	59	nd	nd
	9/22/2014	NSW-4-2'	2	62	nd	nd
	9/22/2014	NSW-5-3'	3	61	nd	nd
	10/10/2014	NSW-6-6'	6	58	nd	nd
	10/10/2014	NSW-7-6'	6	58	nd	nd
West Sidewall	9/22/2014	WSW-1-4'**	4	60	**0.022**	nd
	9/22/2014	WSW-2-4'**	4	60	**0.082**	nd
	9/22/2014	WSW-3-4.5'	4.5	59.5	nd	nd
	9/22/2014	WSW-4-5'**	5	59	**0.059**	nd
	9/23/2014	WSW-5-5'	5	59	nd	nd
	9/23/2014	WSW-5-5' Dup	5	59	nd	nd
	9/23/2014	WSW-6-5.5'	5.5	58.5	nd	nd
	9/23/2014	WSW-7-4'	4	60	nd	nd
South Sidewall	9/23/2014	SSW-1-4.5'	4.5	59.5	nd	nd
	9/23/2014	SSW-2-2.5'	2.5	61.5	nd	nd
	9/23/2014	SSW-3-5'	5	59	nd	nd
	9/23/2014	SSW-4-5'	5	59	nd	nd
East Sidewall	9/22/2014	ESW-1-4'	4	60	nd	nd
	9/22/2014	ESW-2-3'	3	61	nd	nd
	9/23/2014	ESW-3-4'	4	60	nd	nd
Bottom	9/22/2014	B-1-7'	7	57	nd	nd
	9/22/2014	B-2-6'	6	58	nd	nd
	9/23/2014	B-3-6'	6	58	nd	nd
	9/23/2014	B-4-6'	6	58	nd	nd
	9/23/2014	B-5-6'	6	58	nd	nd
	9/23/2014	B-6-6'	6	58	nd	nd
	9/23/2014	B-7-6'	6	58	nd	nd
	10/10/2014	B-8-7'	7	57	nd	nd
	10/10/2014	B-9-7'	7	57	nd	nd
MTCA Cleanup Level (1)					0.05	various

Notes:
Refer to site diagram(s) for sampling locations.

(1) Available Method A Cleanup Levels or Most Conservative Method B Cleanup Levels, MTCA, Amendments adopted in November 2007.
Exceeding Cleanup Levels does not necessarily trigger requirements for Cleanup Actions under MTCA.

* Sample Elevations are approximate above mean-sea level based on contractor survey and project mapping.

** Soil in this area was subsequently removed.

--- Not Analyzed

Dup Field duplicate samples for QA/QC.

nd Not detected at laboratory reporting limit

0.022 Bold Number(s) Indicates Contaminant Detected.

0.059 Bold Number(s) and Yellow Highlight Indicates Contaminant Detected Above Applicable Cleanup Level.

B-9-7' Green Shading Indicates Confirmation Sample Location

TABLE 3
Wastewater Discharge Permit, Water Sample Analyses
Gilman Square
615 NW Gilman Blvd, Issaquah, WA

Exploration Location	Sample Date	Sample Number	Total Arsenic	Total Chromium	Total Lead	Tetrachloroethene (PCE)	Chloromethane	Vinyl Chloride	cis- 1,2-Dichloroethene	trans- 1,2-Dichloroethene	Trichloroethene (TCE)	Gasoline Range Organics (benzene present)	Gasoline Range Organics (no detectable benzene)	Diesel Range Organics	Heavy Oil Range Organics	Benzene	Toluene	Ethylbenzene	Xylenes
units in µg/L			EPA 200.8			EPA 8260***													
Baker Tank Water																			
	9/23/2014	Baker Tank 923	---	---	---	nd	nd	nd	nd	nd	nd	---	---	---	---	---	---	---	---
	9/23/2014	Baker Tank 923 Dup	---	---	---	nd	nd	nd	nd	nd	nd	---	---	---	---	---	---	---	---
	9/25/2014	BakerOA1737-092514	**2.75**	**9.30**	**20.4**	nd	nd	nd	nd	nd	nd	---	---	---	---	---	---	---	---
	9/30/2014	BakerOA1736-093014	**3.60**	**6.40**	**8.26**	nd	nd	nd	nd	nd	nd	---	---	---	---	---	---	---	---
	10/2/2014	BakerOA1736-100214	**4.07**	**8.66**	**16.3**	nd	nd	nd	nd	nd	nd	---	---	---	---	---	---	---	---
	10/8/2014	BakerOA1736-100814	**4.82**	**2.28**	nd	nd	nd	nd	nd	nd	nd	---	---	---	---	---	---	---	---
	10/15/2014	BakerOA1736-101514	**2.94**	**1.16**	nd	nd	nd	nd	nd	nd	nd	---	---	---	---	---	---	---	---
	10/22/2014	BakerOA1736-102214	**3.73**	**2.91**	**4.32**	nd	nd	nd	nd	nd	nd	---	---	---	---	---	---	---	---
	10/29/2014	BakerOA1736-102914	**2.88**	**2.21**	**7.55**	nd	nd	nd	nd	nd	nd	---	---	---	---	---	---	---	---
	11/5/2014	BakerOA1736-110514	**4.08**	**4.27**	**17.6**	nd	nd	nd	nd	nd	nd	---	---	---	---	---	---	---	---
	11/11/2014	BakerOA1736-111114	**3.57**	**5.62**	**21.2**	nd	nd	nd	nd	nd	nd	---	---	---	---	---	---	---	---
	11/20/2014	BakerOA1736-112014	**1.45**	**2.15**	**1.2**	nd	nd	nd	nd	nd	nd	---	---	---	---	---	---	---	---
	2/10/2015	BakerOA1736-021015	---	---	---	nd	nd	nd	nd	nd	nd	---	---	---	---	---	---	---	---
	2/17/2015	BakerOA1736-021715	**1.93**	**2.12**	**4.46**	nd	nd	nd	nd	nd	nd	---	---	---	---	---	---	---	---
	2/23/2015	BakerOA1736-022315	---	---	---	nd	nd	nd	nd	nd	nd	---	---	---	---	---	---	---	---
	3/2/2015	BakerOA1736-030215	---	---	---	nd	nd	nd	nd	nd	nd	---	---	---	---	---	---	---	---
	3/2/2015	BakerEast-030215	---	---	---	nd	---	nd	nd	nd	nd	---	---	---	---	---	---	---	---
	3/17/2015	BakerOA1736-031715	---	---	---	nd	---	nd	nd	nd	nd	---	---	---	---	---	---	---	---
	3/23/2015	BakerOA1736-032315	---	---	---	nd	---	nd	nd	nd	nd	---	---	---	---	---	---	---	---
	3/30/2015	BakerOA1736-033015	---	---	---	nd	---	nd	nd	nd	nd	---	---	---	---	---	---	---	---
	5/7/2015	BT-W-1855EA	---	---	---	---	---	---	---	---	---	nd	nd	nd	nd	nd	nd	nd	nd
	5/7/2015	BT-W-OA1429	---	---	---	---	---	---	---	---	---	nd	nd	nd	nd	nd	nd	nd	nd
King County Discharge Limits			4,000	5,000	4,000	240	**	12.0	2,000	2,000	500	**	**	**	**	70	1,400	1,700	2,200

Notes: Refer to site diagram(s) for sampling locations.

--- Not Analyzed

nd Not detected at laboratory reporting limit

1.09 Bold Number(s) Indicates Contaminant Detected.

** Not researched, no available data

TABLE 4
Remedial-Dewatering System Excavation, Soil Sample Analyses
Gilman Square
615 NW Gilman Blvd, Issaquah, WA

Exploration Location	Sample Date	Sample Number	Sample Depth (ft)	Sample Elevation (ft)*	VOCs
units in mg/kg					
DW-EX-1	11/10/2014	DW-EX-1-62'	2	62	nd
DW-EX-2	11/10/2014	DW-EX-2-60.5'	3.5	60.5	nd
DW-EX-3	11/10/2014	DW-EX-3-61'	3	61	nd
DW-EX-4	11/10/2014	DW-EX-4-58'	6	58	nd
DW-EX-5	11/10/2014	DW-EX-5-58'	6	58	nd
DW-EX-6	11/10/2014	DW-EX-6-61'	3	61	nd
DW-EX-7	11/10/2014	DW-EX-7-58'	6	58	nd
DW-EX-8	11/10/2014	DW-EX-8-59.5'	4.5	59.5	nd
DW-EX-9	11/10/2014	DW-EX-9-59'	5	59	nd
DW-EX-10	11/10/2014	DW-EX-10-57'	7	57	nd
DW-EX-11	11/11/2014	DW-EX-11-56'	8	56	nd
DW-EX-12	11/11/2014	DW-EX-12-56'	8	56	nd
DW-EX-13	11/12/2014	DW-EX-13-56'	8	56	nd
DW-EX-14	11/12/2014	DW-EX-14-56'	8	56	nd
MTCA Cleanup Level (1)					various (2)

Notes: Refer to site diagram(s) for sampling locations.

(1) Available Method A Cleanup Levels or Most Conservative Method B Cleanup Levels, MTCA, Amendments adopted in November 2007.
Exceeding Cleanup Levels does not necessarily trigger requirements for Cleanup Actions under MTCA.

(2) VOCs included in Methods 8260 and 8260C that were not listed were not detected.

* Sample Elevations are approximate above mean-sea level based on contractor survey and project mapping.

--- Not Analyzed

nd Not detected at laboratory reporting limit

TABLE 5
Tanks 1 to 4 UST Excavation Soil Sample Analyses
Gilman Square
615 NW Gilman Blvd, Issaquah, WA

Exploration Location	Sample Date	Sample Number	Sample Depth (ft)	Sample Elevation (ft)*	Gasoline Range Organics	Diesel Range Organics	Heavy Oil Range Organics	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-Dibromoethane (EDB)	1,2-Dichloroethane (EDC)	MTBE	Lead
units in mg/kg															
Tank Testpits	4/27/2015	TANKTP-1-5**	5	60	nd	nd	nd	---	---	---	---	---	---	---	---
	4/27/2015	TANKTP-1-6**	6	59	nd	nd	nd	---	---	---	---	---	---	nd	**2.80**
	4/27/2015	TANK4-OB-2**	4	61	nd	nd	nd	---	---	---	---	---	---	---	---
North Sidewall	5/6/2015	NSW-1-5	5	60	nd	---	---	nd	nd	nd	nd	---	---	---	---
	5/5/2015	NSW-3-6**	6	59	**47.1**	---	---	**0.099**	**0.100**	**0.062**	**1.10**	---	---	---	---
	5/7/2015	NWC-4-12	12	53	nd	---	---	nd	nd	nd	nd	---	---	---	---
	5/7/2015	NSO-11	11	54	nd	---	---	**0.021**	nd	nd	nd	---	---	---	---
	5/8/2015	NSW-4-9	9	56	nd	---	---	nd	nd	nd	nd	---	---	---	---
	5/8/2015	Dup-X (NSW-4-9 Dup)	9	56	nd	---	---	nd	nd	nd	nd	---	---	---	---
West Sidewall	5/1/2015	WSW-1-10	8	57	nd	---	---	nd	nd	nd	nd	---	---	---	---
	5/5/2015	WSW-4-5**	5	60	nd	---	---	**0.037**	nd	nd	nd	---	---	---	---
	5/5/2015	SO-2-6	6	59	nd	nd	nd	nd	nd	nd	nd	---	---	---	---
	5/5/2015	SO-4-10**	8	57	nd	---	---	**0.033**	nd	nd	nd	---	---	---	---
	5/6/2015	ESW-4-SO-6	6	59	nd	---	---	nd	nd	nd	nd	---	---	---	---
	5/6/2015	WSW-4-6.5**	6.5	58.5	**10.5**	---	---	**0.083**	nd	nd	**0.199**	---	---	---	---
	5/6/2015	WSW-4-6.5 Dup**	6.5	58.5	**10.8**	---	---	**0.083**	nd	nd	**0.181**	---	---	---	---
	5/7/2015	SWC-4-11	11	54	nd	nd	nd	nd	nd	nd	nd	---	---	---	---
	5/7/2015	SWC-4-11 Dup	11	54	nd	---	---	nd	nd	nd	nd	---	---	---	---
South Sidewall	5/5/2015	SO-3-6	6	59	nd	---	---	nd	nd	nd	nd	---	---	---	---
	5/5/2015	SO-3-9	9	59	nd	nd	nd	nd	nd	nd	nd	---	---	---	---
	5/6/2015	SSW-4-8	6	59	nd	---	---	nd	nd	nd	nd	---	---	---	---
	5/7/2015	SSW-1-6	6	59	nd	---	---	nd	nd	nd	nd	---	---	---	---
East Sidewall	5/5/2015	SO-1-6	6	59	nd	nd	nd	**0.022**	nd	nd	nd	---	---	---	---
	5/5/2015	ESW-1-8	8	57	nd	---	---	nd	nd	nd	nd	---	---	---	---
	5/5/2015	ESW-2-5**	5	60	**17.8**	---	---	**0.034**	nd	nd	nd	---	---	---	---
	5/5/2015	ESW-2-5 Dup**	5	60	**30.7**	---	---	**0.067**	nd	nd	**0.81**	---	---	---	---
	5/6/2015	ESW-2-6**	6	59	nd	---	---	**0.034**	nd	nd	nd	---	---	---	---
	5/8/2015	ESW-3-9	9	56	nd	---	---	nd	nd	nd	nd	---	---	---	---
	5/6/2015	ESW-4-9**	7	58	nd	---	---	**0.044**	nd	nd	nd	---	---	---	---
	5/7/2015	SEC-8	8	57	nd	---	---	nd	nd	nd	nd	---	---	---	---
	5/7/2015	SEC-10	10	55	nd	---	---	nd	nd	nd	nd	---	---	---	---

TABLE 5
Tanks 1 to 4 UST Excavation Soil Sample Analyses
Gilman Square
615 NW Gilman Blvd, Issaquah, WA

Exploration Location	Sample Date	Sample Number	Sample Depth (ft)	Sample Elevation (ft)*	Gasoline Range Organics	Diesel Range Organics	Heavy Oil Range Organics	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-Dibromoethane (EDB)	1,2-Dichloroethane (EDC)	MTBE	Lead
units in mg/kg															
Bottom	5/1/2015	B-1-11	9	56	**20.5**	---	---	nd	nd	nd	**0.051**				
	5/5/2015	B-2-8**	7	58	**75.8**	---	---	**0.240**	**0.370**	**0.320**	**2.43**	---	---	---	---
	5/5/2015	B-3-8**	7	58	**16.5**	---	---	**0.078**	nd	nd	**0.26**	---	---	---	---
	5/5/2015	B-3-10	10	55	nd	---	---	**0.028**	nd	nd	nd	---	---	---	---
	5/5/2015	B-3-14**	9	56	**115.0**	---	---	**0.67**	**1.17**	**1.16**	**5.31**	---	---	---	nd
	5/5/2015	B-3-14 Dup**	9	56	---	---	---	---	---	---	---	---	---	---	nd
	5/5/2015	B-3-16**	11	54	**25.5**	---	---	**0.160**	**0.291**	**0.189**	**1.11**	---	---	---	---
	5/5/2015	B-4-8**	7	58	**25.7**	---	---	**0.47**	**1.53**	**1.42**	**6.09**	---	---	---	---
	5/6/2015	B-4-11**	9	56	nd	---	---	**0.067**	nd	nd	nd	---	---	---	---
	5/6/2015	B-4-11 Dup**	9	56	nd	---	---	**0.065**	nd	nd	nd	---	---	---	---
	5/6/2015	B-5-11	11	54	nd	---	---	nd	nd	nd	nd	---	---	---	---
	5/7/2015	NEC-2-11	11	54	nd	nd	nd	nd	nd	nd	nd	---	---	---	---
	5/7/2015	NEC-2-11 Dup	11	54	---	nd	nd	---	---	---	---	---	---	---	---
	MTCA Cleanup Level (1)				100(a)/30(b)	2,000	2,000	0.03	7	6	9	0.005	11	6	250

Notes:
(1) Refer to site diagram(s) for sampling locations.
Available Method A Cleanup Levels or Most Conservative Method B Cleanup Levels, MTCA, Amendments adopted in November 2007.
Exceeding Cleanup Levels does not necessarily trigger requirements for Cleanup Actions under MTCA.
* Sample Elevations are approximate above mean-sea level based on contractor survey and project mapping.
** Soil in this area was subsequently removed.
Dup Field duplicate samples for QA/QC.
--- Not Analyzed
nd Not detected at laboratory reporting limit
25.5 Bold Number(s) Indicates Contaminant Detected.
0.065 Bold Number(s) and Yellow Highlight Indicates Contaminant Detected Above Applicable Cleanup Level. Soil in these areas was subsequently removed.
B-5-11 Green Shading Indicates Confirmation Sample Location

TABLE 6
UST-Excavation Water Sample Analyses
Gilman Square
615 NW Gilman Blvd, Issaquah, WA

Exploration Location	Sample Date	Sample Number	Gasoline Range Organics (benzene present)	Gasoline Range Organics (no detectable benzene)	Benzene	Toluene	Ethylbenzene	Xylenes
units in µg/L								
T1-W-2	5/6/2015	T1-W-2	**547**	---	**3.21**	**3.07**	**2.07**	**10.5**
	5/5/2015	T1-W-2 Dup	**625**	---	**3.54**	**3.52**	**2.30**	**11.4**
T1-W-8**	5/5/2015	T1-W-8	**171**	---	**2.50**	nd	nd	nd
	5/5/2015	T1-W-8 Dup	**181**	---	**2.90**	nd	nd	nd
MTCA Cleanup Level (1)			800	1,000	5.00	1,000	700	1,000

Notes: Refer to site diagram(s) for sampling locations.

(1) Available Method A Cleanup Levels or Most Conservative Method B Cleanup Levels, MTCA, Amendments adopted in November 2007.

Exceeding Cleanup Levels does not necessarily trigger requirements for Cleanup Actions under MTCA.

* VOCs not listed were not detected.

** Analytical report lists samples collected at T1-W-8 as T1-W-6.

Dup Field duplicate samples for QA/QC.

--- Not Analyzed

nd Not detected at laboratory reporting limit

TABLE 7
Tank 5 UST Excavation, Soil Sample Analyses
Gilman Square
615 NW Gilman Blvd, Issaquah, WA

Exploration Location	Sample Date	Sample Number	Sample Depth (ft)	Sample Elevation (ft)*	Gasoline Range Organics	Diesel Range Organics	Heavy Oil Range Organics	Benzene	Toluene	Ethylbenzene	Xylenes	1,2-Dibromoethane (EDB)	1,2-Dichloroethane (EDC)	MTBE	VOCs	Lead	PCBs	PAHs
units in mg/kg																		
Tank 5 Testpit	6/16/2015	TANK5-5'	5	60	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	**1.56**	nd	nd
North Sidewall	7/31/2015	NSW-5-5'	5	60	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	7/31/2015	NSW-5-6'	6	59	nd	nd	nd	nd	nd	nd	nd	nd	nd	---	---	---	---	---
West Sidewall	7/31/2015	WSW-5-1'	1	64	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	7/31/2015	WSW-5-5'	5	60	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	7/31/2015	WSW-5-6'	6	59	nd	nd	nd	nd	nd	nd	nd	nd	nd	---	---	---	---	---
East Sidewall	7/31/2015	ESW-5-5'	5	60	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	7/31/2015	ESW-5-6'	6	59	---	---	---	---	---	---	---	---	---	---	---	**8.88**	---	nd
Bottom	7/31/2015	F-5-5'	5	60	nd	nd	nd	nd	nd	nd	nd	nd	nd	---	---	---	---	---
	7/31/2015	F-5-5 Dup	5	60	nd	nd	nd	nd	nd	nd	nd	nd	nd	---	---	---	---	---
	7/31/2015	F-5-6.5'	6.5	58.5	---	---	---	---	---	---	---	---	---	---	---	**1.99**	---	nd
MTCA Cleanup Level (1)					100	2,000	2,000	0.03	7	6	9	0.005	11	6	various	250	various	various

Notes: Refer to site diagram(s) for sampling locations.

(1) Available Method A Cleanup Levels or Most Conservative Method B Cleanup Levels, MTCA, Amendments adopted in November 2007.
Exceeding Cleanup Levels does not necessarily trigger requirements for Cleanup Actions under MTCA.

* Sample Elevations are approximate above mean-sea level based on contractor survey and project mapping.

Dup Field duplicate samples for QA/QC.

--- Not Analyzed

nd Not detected at laboratory reporting limit

1.56 Bold Number(s) Indicates Contaminant Detected.

g-logics

TABLE 8
Post Remedial Excavation, Groundwater-Sample Analyses
Gilman Square
615 NW Gilman Blvd, Issaquah, WA

Exploration Location	Sample Date	Sample Number	Tetrachloroethene (PCE)	Trichloroethene (TCE)	1,1-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	cis- 1,2-Dichloroethene	Nitrite	Nitrate	Sulfate	Dissolved Iron	Total Iron	Total Organic Carbon	pH	Oxidation-Reduction Potential (mV)	Dissolved Oxygen (mg/L)	Conductivity (mS/cm)
units in µg/L			EPA 8260						Geochemical Parameters						Water Quality Parameters			
GL-MW-11	6/25/2015	GL-MW-11	nd	nd	nd	nd	**0.429**	nd	---	---	---	---	---	---	---	---	---	---
	9/2/2015	GL-MW-11	nd	nd	nd	nd	**0.568**	**1.07**	nd (D)	**4.79 (D)**	**40.9 (D)**	**5,600**	**7,730**	**7.68**	6.62	-51.4	1.48	0.326
GL-MW-12	6/25/2015	GL-MW-12	nd	nd	nd	nd	**0.751**	nd	---	---	---	---	---	---	---	---	---	---
	9/2/2015	GL-MW-12	nd	nd	nd	nd	**0.378**	nd	nd	**4.74 (D)**	**40.7 (D)**	**6,760**	**9,420**	**4.95**	6.32	6.8	1.16	0.488
GL-MW-13	6/25/2015	GL-MW-13	nd	nd	nd	nd	nd	nd	---	---	---	---	---	---	---	---	---	---
	Well Damaged, No Sample		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MTCA Cleanup Level (1)			5	5	400	160	0.2	16	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Notes: Refer to site diagram(s) for sampling locations.

(1) Available Method A Cleanup Levels or Most Conservative Method B Cleanup Levels, MTCA, Amendments adopted in November 2007, Revised 2013.
Exceeding Cleanup Levels does not necessarily trigger requirements for Cleanup Actions under MTCA.

D Dilution Required

N/A Not Available.

nd Not detected at laboratory reporting limit.

4.71 Bold Number(s) Indicates Contaminant Detected.

0.429 Bold Number(s) and Shading Indicates Concentration Exceeds MTCA Cleanup Level.

APPENDIX A

On CD

APPENDIX B

From:	Bret Heath
To:	Stuart Hyde
Subject:	RE: Issaquah Water Supply Wells
Date:	Monday, October 12, 2015 7:41:51 AM

Two wells at 450 NW Gilman Blvd. One at 102', one at 412'.

Two well at 240 NE Gilman Blvd. Both about 100'.

Bret Heath
City of Issaquah
Director
Public Works Operations
Emergency Management
Email: breth@issaquahwa.gov
425-837-3475 - Office
425-837-3479 - Fax
KD7SAQ

From: Stuart Hyde [mailto:StuartH@g-logics.com]
Sent: Wednesday, October 07, 2015 3:10 PM
To: Bret Heath
Subject: Issaquah Water Supply Wells

Bret,

Figured I would try and email to touch base instead of phone tag. I am working on a cleanup site located at 615 NW Gilman Blvd, the old Gilman Square shopping center to the east of the Safeway/REI shopping center. We have performed the remedial cleanup and are writing the cleanup report for the Department of Ecology. They have asked that I provide information regarding Issaquah's water supply for the report. If you could get me some information regarding the location of the wells and the well depths, that should suffice for my purposes.

Thanks much and please feel free to shoot me an email or try calling my cell phone.

Regards,

Stuart Hyde | Project Geologist
Cell: 804-837-5205 | Stuarth@g-logics.com

G-Logics, Inc. | 40 2nd Avenue SE | Issaquah, WA 98027-3452
Office: 425-391-6874 | *Fax*: 425-313-3074 | www.G-Logics.com

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APPENDIX C

DEPARTMENT OF THE ARMY
SEATTLE DISTRICT, CORPS OF ENGINEERS
P.O. BOX 3755
SEATTLE, WASHINGTON 98124-3755

REPLY TO
ATTENTION OF

Regulatory Branch

SEP 3 2014

Lennar Multifamily Communities
c/o Mr. Thomas Bartholomew
1191 Second Avenue, Suite 1570
Seattle, Washington 98101

Reference: NWS-2014-398
Lennar Multifamily
Communities, LLC

Dear Sir/Madam:

We have reviewed your application for a Department of the Army permit to fill in a channelized stream and install 440 lineal feet of storm drainage pipe at Issaquah, Washington. Based on the information you provided to us, Nationwide Permit (NWP) 14, *Linear Transportation Projects* (Federal Register February 21, 2012, Vol. 77, No. 34), authorizes your proposal as depicted on the enclosed drawings dated July 14, 2014, provided you implement the *Riparian & Buffer Enhancement Plan* dated August 18, 2014.

In order for this authorization to be valid, you must ensure the work is performed in accordance with the enclosed *NWP 14 Terms and Conditions* and the following special condition:

a. You must implement and abide by the Endangered Species Act (ESA) requirements and/or agreements set forth in the *Technical Memorandum*, dated July 14, 2014, in their entirety. The U.S. Army Corps of Engineers (Corps) made a determination of No Effect for all species based on this document. Failure to comply with the commitments made in this document constitutes non-compliance with the ESA and your Corps permit.

We have reviewed your project pursuant to the requirements of the Endangered Species Act, the Magnuson-Stevens Fishery Conservation and Management Act and the National Historic Preservation Act. We have determined this project complies with the requirements of these laws provided you comply with all of the permit general and special conditions.

The authorized work complies with the Washington State Department of Ecology's (Ecology) Water Quality Certification and the Coastal Zone Management Act requirements for this NWP. No further coordination with Ecology is required.

We have prepared and enclosed a *Preliminary Jurisdictional Determination* (JD) dated August 27, 2014, which is a written indication that wetlands and waterways within your project area may be waters of the United States. Such waters will be treated as jurisdictional waters of the U.S. for purposes of computation of impact area and compensatory mitigation requirements associated with your permit application. If you believe the Preliminary JD is inaccurate, you may request an Approved JD, which is an official determination regarding the presence or absence of waters of the United States. If one is requested, please be aware that we may require the submittal of additional information to complete an approved JD and work authorized in this letter may not occur until the approved JD has been finalized.

Our verification of this NWP authorization is valid until March 18, 2017, unless the NWP is modified, reissued, or revoked prior to that date. If the authorized work has not been completed by that date and you have commenced or are under contract to commence this activity before March 18, 2017, you will have until March 18, 2018, to complete the activity under the enclosed terms and conditions of this NWP. Failure to comply with all terms and conditions of this NWP verification invalidates this authorization and could result in a violation of Section 404 of the Clean Water Act. You must also obtain all local, State, and other Federal permits that apply to this project.

Upon completing the authorized work, you must fill out and return the enclosed *Certificate of Compliance with Department of the Army Permit* form. Thank you for your cooperation during the permitting process. We are interested in your experience with our Regulatory Program and encourage you to complete a customer service survey form. This form and information about our program is available on our website at www.nws.usace.army.mil select "Regulatory Branch, Permit Information" and then "Contact Us." If you have any questions, please contact me at susan.m.powell@usace.army.mil or (206) 764-5527.

Sincerely,

Susan Powell

Susan Powell, Project Manager
Regulatory Branch

Enclosures

APPENDIX D

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
Northwest Regional Office • 3190 160th Avenue SE • Bellevue, Washington 98008-5452 • (425) 649-7000

May 30, 2014

Tom Bartholomew
Lennar Multifamily Investors
1325 Fourth Ave, Suite 1700
Seattle, WA 98101

Re: Request for Contained-Out Determination, Gilman Square
Site Address: 675 NW Gilman Boulevard, Issaquah, WA 98027 (address of Former drycleaner)

References: (a) Letter, Stuart Hyde (G-Logics) to D. Yasuda (Ecology), dated April 29, 2014, Request for Contained Out Determination, 675 NW Gilman Boulevard, Issaquah, WA 98027 (address of former drycleaner)
(b) Electronic Mail, Stuart Hyde (G-Logics) to D. Yasuda (Ecology), dated May 13, 2014, Follow Up Information for Contained Out Determination, 675 NW Gilman Boulevard, Issaquah, WA 98027 (address of former drycleaner)

Dear Mr. Bartholomew:

The Washington State Department of Ecology (Ecology) received a contained-out determination request (references a and b) from your environmental consultant, G-Logics on April 29, 2014, for soil contaminated with F002[1] listed waste constituents to be generated during site cleanup activities at 675 NW Gilman Boulevard, Issaquah, WA 98027 (address of former drycleaner).

Ecology received this information to determine if the contaminated soils, once excavated, may be exempt from management as dangerous wastes under the "Contained-In Policy." Based on the information provided and reviewed to date, Ecology's regulatory determination is as follows:

The approximately **600 tons** of F002 (PCE) listed waste contaminated soils represented by soil samples GL-B-9, -10, and -11, to be generated during site excavation activities at the Site (attached Figure 6) and excavated to a depth of 6.0 feet below grade, do not require management as dangerous wastes and Ecology will not require disposal of these contaminated soils as F002 (PCE) listed wastes at a RCRA permitted dangerous waste treatment, storage and disposal (TSD) facility, provided all of the conditions below are implemented.

Ecology suspects that PCE contaminated soils outside of the area delineated by GL-B9 through -11 exist. Adequate soil sample analytical data is required for soils from this outside suspected area before Ecology can determine if a contained out determination is justified. Further soil sampling in those outside suspected contaminated areas and chemical analysis with lower reporting limits[2] is required. Furthermore, Ecology understands that your consultants have requested a contained out determination for PCE soils below the water table at GL-B-19. Ecology does not understand the rationale for wanting to excavate these

[1] Perchloroethylene (PCE)
[2] Ecology notes that most Ecology accredited laboratories are able to achieve reporting limits of 1.0 µg/kg for PCE and daughter products.

PCE contaminated soils since the replacement soils will shortly become contaminated with PCE due to contact with upgradient PCE contaminated groundwater. Those PCE soils are not approved under this contained out determination.

For the approximately **600 tons** of F002 listed waste contaminated soils (attached Figure 6), Ecology understands that these soils do not designate under federal characteristics (Washington Administrative Code [WAC] 173-303-090) or State-only criteria (WAC 173-303-100). For these **600 tons** of F002 listed waste contaminated soils, you or your consultant shall comply with the following requirements:

a. Ensure no standing water is present within any container holding the PCE contaminated soil. All water must be removed to the maximum extent possible from each of these containers and managed as F002 listed dangerous wastes without exception. The contaminated groundwater or infiltrated surface water should be removed from the contaminated soils prior to shipment to the landfill. Contaminated water cannot be disposed of into a RCRA Subtitle D (or C) landfill directly.

b. This Ecology approval letter does not pertain to any decontamination water or groundwater.

c. Deliver these contaminated soils directly to a permitted RCRA Subtitle D landfill (outside Washington State) such as the Columbia Ridge Solid Waste Landfill in Arlington, Oregon OR a Washington State solid waste landfill permitted under Chapter 173-351 WAC such as the Roosevelt Regional Landfill.

d. Do not consolidate these contaminated soils with other soils that do not pertain to this contained out determination.

e. Do not offload these contaminated soils at any temporary staging/transfer/reloading area.

f. These contaminated soils shall not be used as fill at the Site or any other Property.

g. Plastic line the containers or delivery trucks for direct delivery to the solid waste landfill.

h. Cover all excavated soils and take adequate measures to prevent spills and dispersion due to wind or rain erosion.

i. Take measures to prevent unauthorized contact with these soils at all times.

j. Provide instructions to the landfill operator that these soils are not to be used for daily, intermediate, or final cover.

k. Provide copies of all soil analytical data to the landfill operator, upon request.

l. Send copies of all signed solid waste landfill receipt records for these contaminated soils to Ecology, attention of Dean Yasuda, within 15 days of your receipt. Also indicate the total volume/weight of all contaminated soils disposed of under the Ecology approved contained-in determination, and indicate if this total amount is above, below or equal to the total amount approved by this Ecology letter. This is an important verification step for you and your environmental consultant to follow in order for this Ecology decision to be valid.

m. Do not send these contaminated soils to any incinerator, thermal desorption unit, or recycling facility unless that facility is a RCRA Subtitle C permitted hazardous waste TSD facility.

n. Dispose of the **600 tons** of PCE-contaminated soils by August 30, 2014. This contained-out determination for these contaminated soils is no longer valid after August 30, 2014. After this date, you are required to manage these contaminated soils as dangerous wastes.

o. This written decision for the contaminated soils does not apply to any other area or other media. Local agencies have the authority to impose additional requirements on this waste stream.

p. Notify Ecology immediately once you are aware that to-be-excavated soils under this letter will exceed the permitted amount. Ecology needs to make sure that the additional soil qualifies for this contained out determination.

This letter only addresses the procedures for disposal of the above described PCE contaminated soils generated at the Site in accordance with the Washington State Dangerous Waste Regulations (Chapter 173-303 WAC). This letter is not an Ecology approval for dangerous waste designation process or disposal of soils that may be generated in the future or already excavated outside the locations for which this contained out approval letter applies. Designation (as dangerous wastes or non-dangerous wastes) and proper disposal of those "outside" soils is a responsibility of the generator of excavated soils.

This letter is not a No Further Action (NFA) letter and not written approval for any cleanup action plan you may have submitted. Regulatory decisions regarding the cleanup action, applicable soil and groundwater cleanup levels and any other cleanup issues must comply with the requirements under Ecology Model Toxics Control Act (MTCA).

If you fail to comply with the terms of this letter, Ecology may issue an administrative order and/or penalty as provided by the Revised Code of Washington (RCW) Sections 70.105.080 and/or .095 (Hazardous Waste Management Act).

If you have any questions concerning this letter, please feel free to contact me at (425) 649-7264 or by email at dyas461@ecy.wa.gov.

Sincerely,

Dean Yasuda

Dean Yasuda, PE
Hazardous Waste and Toxics Reduction Program

By certified mail: 7012 3460 0000 3272 4656

cc: Stuart Hyde, G-Logics
Bill Lasby, Seattle-King County Public Health (Bill.Lasby@kingcounty.gov)
Dave Christensen, Seattle-King County Public Health
(david.christensen@kingcounty.gov)
Lisa Brown, Ecology-ERO, Greg Caron, Ecology-CRO, Samuel Iwenofu, Ecology-SWRO
Byung Maeng, Donna Musa, Louise Bardy, Glynis Carrosino, Ecology-NWRO
HZW 5.4.1 CS No. 12286 FS No. 15541

Project: Gilman Square, Issaquah, WA

Job Number: 01-0868-J

Date	Products		
	Truck #	Ticket #	Tonnage
09/22/14	45	236655	34.12
09/22/14	45	242556	32.37
09/22/14	45	236611	30.22
09/22/14	45	236603	36.4
09/22/14	45	236653	22.08
09/22/14	70	236605	26.19
09/22/14	70	236606	27.27
09/22/14	70	236614	30.22
09/22/14	70	236608	21.17
09/22/14	70	236642	24.05
09/23/14	70	238762	23.2
09/23/14	45	238761	32.79
09/23/14	45	236643	29.81
09/23/14	45	236644	30.68
09/23/14	70	238753	32.55
09/23/14	70	236657	30.03
10/14/14	331	321163	27.47
Total			**490.62**

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

TRUCK # 45.

236655

DISPOSAL RECEIPT

108000	GROSS
	TARE
40,340	NET
i	34.12

ACCT # 16947 JOB # 1722 DATE: 9/22/14

CONT # TDLU4685481

CITY

67

CUSTOMER # SANTA MARIA

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

TRUCK # 45 242556

101240	GROSS
	TARE
36500	NET

ACCT # 10385 JOB # TB 11734 DATE: 9-22- 20__

CONT # RBSU200375

CITY ISSAQUAH

57

32.37

CUSTOMER # SANTA. MAW

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

TRUCK # 45 236611

102880	GROSS
	TARE
42440	NET

ACCT # 16187 JOB # TB 11722 DATE: 9/22 20__

CONT # TCLU4576601

CITY

57

30.22

CUSTOMER # SANTA MAW

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

TRUCK # 45

236603

DISPOSAL RECEIPT

CUSTOMER COPY

GROSS 11480

TARE

NET 41.80

ACCT # ~~10385~~ 16447 JOB # ~~11754~~ TB 11722

DATE: 9/22/17 20__

CONT # RBSU 200326

CITY Issaquah

57

22.05

36.4

CUSTOMER # Santa MAW

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

TRUCK # 45

236653

DISPOSAL RECEIPT

CUSTOMER COPY

GROSS 87300

TARE 41320

NET

ACCT # 16447 JOB # TB 11722 DATE: 9/22 20__

CONT # AWSU 200076

CITY

67

22.06

CUSTOMER # Santa MAW

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

TRUCK # 70 236605

DISPOSAL RECEIPT

CUSTOMER COPY

9 3480	GROSS
4 0700	TARE
	NET

ACCT # 10385 JOB # TB 11722 DATE: 9/22 20__

CONT # AWSU 200068

CITY

SF

26.19

CUSTOMER # SAFA

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

TRUCK # 70 JL 236606

DISPOSAL RECEIPT

CUSTOMER COPY

92760	GROSS
38220	TARE
	NET

ACCT # ~~10385~~ 16447 JOB # ~~11734~~ TB 11722 DATE: 9/22 20__

CONT # RABU 200406

CITY

SF

27.27

CUSTOMER # SAFA

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

TRUCK # 70 JL

236614

DISPOSAL RECEIPT

98880 GROSS
38490 TARE
NET

ACCT # 16447 JOB # TB 11722 DATE: 9/24 20__

CONT # TGCU456052

CITY

67

30.22

CUSTOMER # SANTA

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

TRUCK # 75

236608

DISPOSAL RECEIPT

81300 GROSS
TARE
38960 NET

ACCT # 16447 JOB # TB 11722 DATE: 9/22 20__

CONT # AWSU2000017

CITY

67

21.17

CUSTOMER # Santa

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

TRUCK # 70

236642

DISPOSAL RECEIPT

88160	GROSS
40060	TARE
	NET

ACCT # 16447 JOB # TB 11722 DATE: 9/22 20 44

CONT # RBSU200051

CITY

67

CUSTOMER # Santey

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

TRUCK # 70 238762

DISPOSAL RECEIPT

CUSTOMER COPY

84280	GROSS
37800	TARE
	NET

ACCT # 1447 JOB # TB 11222 DATE: 9-23 20__

CONT # EGTU4200202

CITY

67

CUSTOMER # Santa

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

TRUCK # 115 238761

DISPOSAL RECEIPT

10.860	GROSS
	TARE
43.100	NET

ACCT # 16177 JOB # TB 31722 DATE: 9/28 20__

CONT # TOU459722

CITY

67

CUSTOMER # Santa Maria

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

236643

TRUCK # 45

DISPOSAL RECEIPT

12420	GROSS
-12580	TARE
	NET
1	29.91

ACCT # 16497 JOB # 11722 DATE: 9/22/14

CONT # Tote 58794

CITY Tukwila 607

CUSTOMER # Santa Maria

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

236644

TRUCK # 425

103000	GROSS
42240	TARE
	NET
	30.68

ACCT # 16447 JOB # 11722

CONT # TCLU4578258

CITY

DATE: 9/22/14
9/23/14

DISPOSAL RECEIPT

CUSTOMER COPY

CUSTOMER # Santa Maria

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

TRUCK # 70 238753

102940	GROSS
	TARE
37840	NET

ACCT # 16447 JOB # TB 11722 DATE: 9/23 20 14

CONT # TRLU 901821

CITY

67

CUSTOMER # Santa

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

TRUCK # 70 236657

98520	GROSS
38460	TARE
	NET

ACCT # 16447 JOB # TB 11722 DATE: 9/23 20 14

CONT # TCLU459386

CITY

67

CUSTOMER # Santa

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

CUSTOMER COPY

Bosevelt Landfill
00 Roosevelt Grade Rd
oosevelt Wa, 99356

TOMER
016447
Santa Inc
22821 NE Redmond Fall City Rd
Redmond, WA 98053
TB-11722

SITE	TICKET #	CELL
3A	321163	259181

WEIGHMASTER: Gail H.

DATE/TIME IN	DATE/TIME OUT
10-14-2014 2:06 pm	10-14-2014 2:30 pm

VEHICLE	CONTAINER
0331	RBSU200344

REFERENCE: INVOICE

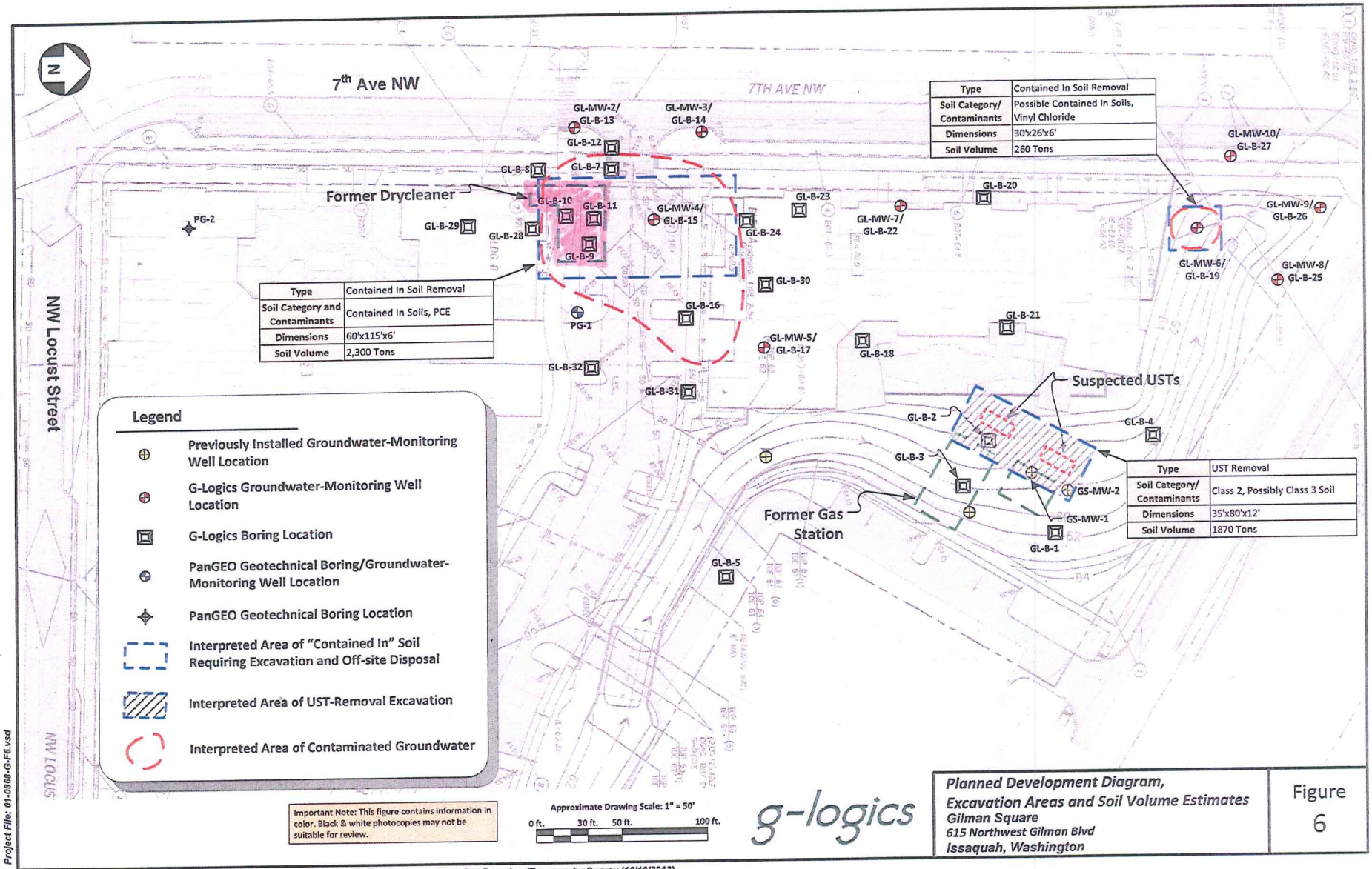
BILL OF LADING: BNSF230122 10/10/2014 0

SCALE IN	GROSS WEIGHT	101,080	NET TONS	27.47	
SCALE OUT	TARE WEIGHT	46,140	NET WEIGHT	54,940	INBOUND

ITY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
28.00	YD	TRACKING QTY				
27.47	TN	Contained in Contaminated S Issaquah				
1.00		CONTAINER/CHASIS RENTAL				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.



PCE SOILS (0-6' bgs) APPROVED FOR CONTAINED OUT DETERMINATION PER CONDITIONS IN ECOLOGY LETTER.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

TRUCK # 70 238753

102940	GROSS
	TARE
37840	NET

ACCT # 16447 JOB # TB 11722 DATE: 9/23 20 14

CONT # TRLU 901821

CITY

67

CUSTOMER # Santa

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

TRUCK # 70 236657

98520	GROSS
38460	TARE
	NET

ACCT # 16447 JOB # TB 11722 DATE: 9/23 20 14

CONT # TCLU459386

CITY

67

CUSTOMER # Santa

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

TRUCK # 70 238762

DISPOSAL RECEIPT

CUSTOMER COPY

84280	GROSS
37800	TARE
	NET

ACCT # 1447 JOB # TB 11222 DATE: 9-23 20__

CONT # EGTU4200202

CITY

67

CUSTOMER # Santa

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

TRUCK # 115 238761

DISPOSAL RECEIPT

10.860	GROSS
	TARE
43.100	NET

ACCT # 16177 JOB # TB 31722 DATE: 9/28 20__

CONT # TOU459722

CITY

67

CUSTOMER # Santa Maria

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

236643

TRUCK # 45

DISPOSAL RECEIPT

12420	GROSS
-12580	TARE
	NET
1	29.91

ACCT # 16497 JOB # 11722 DATE: 9/22/14

CONT # Tote 58794

CITY Tukwila 607

CUSTOMER # Santa Maria

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

236644

TRUCK # 425

103000	GROSS
42240	TARE
	NET
	30.68

ACCT # 16447 JOB # 11722

CONT # TCLU4578258

CITY

DATE: 9/22/14
9/23/14

DISPOSAL RECEIPT

CUSTOMER COPY

CUSTOMER # Santa Maria

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

TRUCK # 45 242556

101240	GROSS
	TARE
36500	NET

ACCT # 10385 JOB # TB 11734 DATE: 9-22- 20__

CONT # RBSU200375

CITY ISSAQUAH

57

32.37

CUSTOMER # SANTA. MAW

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

TRUCK # 45 236611

102880	GROSS
	TARE
42440	NET

ACCT # 16187 JOB # TB 11722 DATE: 9/22 20__

CONT # TCLU4576601

CITY

57

30.22

CUSTOMER # SANTA MAW

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

TRUCK # 45

236603

DISPOSAL RECEIPT

CUSTOMER COPY

GROSS 11480

TARE

NET 41.80

ACCT # ~~10385~~ 16447 JOB # ~~11754~~ TB 11722

DATE: 9/22/17 20__

CONT # RBSU 200326

CITY Issaquah

57

22.05

36.4

CUSTOMER # Santa MAW

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

TRUCK # 45

236653

DISPOSAL RECEIPT

CUSTOMER COPY

GROSS 87300

TARE 41320

NET

ACCT # 16447 JOB # TB 11722 DATE: 9/22 20__

CONT # AWSU 200076

CITY

67

22.06

CUSTOMER # Santa MAW

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

TRUCK # 70 236605

DISPOSAL RECEIPT

CUSTOMER COPY

9 3480	GROSS
4 0700	TARE
	NET

ACCT # 10385 JOB # TB 11722 DATE: 9/22 20__

CONT # AWSU 200068

CITY

SF

26.19

CUSTOMER # SAFA

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

TRUCK # 70 JL 236606

DISPOSAL RECEIPT

CUSTOMER COPY

92760	GROSS
38220	TARE
	NET

ACCT # ~~10385~~ 16447 JOB # ~~11734~~ TB 11722 DATE: 9/22 20__

CONT # RABU 200406

CITY

SF

27.27

CUSTOMER # SAFA

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

TRUCK # 70 JL

236614

DISPOSAL RECEIPT

98880 GROSS
38490 TARE
NET

ACCT # 16447 JOB # TB 11722 DATE: 9/24 20__

CONT # TGCU456052

CITY

67

30.22

CUSTOMER # SANTA

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

TRUCK # 75

236608

DISPOSAL RECEIPT

81300 GROSS
TARE
38960 NET

ACCT # 16447 JOB # TB 11722 DATE: 9/22 20__

CONT # AWSU2000017

CITY

67

21.17

CUSTOMER # Santa

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

TRUCK # 70

236642

DISPOSAL RECEIPT

88160	GROSS
40060	TARE
	NET

ACCT # 16447 JOB # TB 11722 DATE: 9/22 20 44

CONT # RBSU200051

CITY

67

CUSTOMER # Santey

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206) 623-4080

TRUCK # 45.

236655

DISPOSAL RECEIPT

108000	GROSS
	TARE
40,340	NET
i	34.12

ACCT # 16947 JOB # 1722 DATE: 9/22/14

CONT # TDLU4685481

CITY

67

CUSTOMER # SANTA MARIA

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

Bosevelt Landfill
00 Roosevelt Grade Rd
oosevelt Wa, 99356

TOMER
016447
Santa Inc
22821 NE Redmond Fall City Rd
Redmond, WA 98053
TB-11722

SITE	TICKET #	CELL
3A	321163	259181

WEIGHMASTER: Gail H.

DATE/TIME IN	DATE/TIME OUT
10-14-2014 2:06 pm	10-14-2014 2:30 pm

VEHICLE	CONTAINER
0331	RBSU200344

REFERENCE: INVOICE

BILL OF LADING: BNSF230122 10/10/2014 0

SCALE IN	GROSS WEIGHT	101,080	NET TONS	27.47	
SCALE OUT	TARE WEIGHT	46,140	NET WEIGHT	54,940	INBOUND

ITY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
28.00	YD	TRACKING QTY				
27.47	TN	Contained in Contaminated S Issaquah				
1.00		CONTAINER/CHASIS RENTAL				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

APPENDIX E

King County

Wastewater Treatment Division
Industrial Waste Program
Department of Natural Resources and Parks
130 Nickerson Street, Suite 200
Seattle, WA 98109-1658
206-263-3000 Fax 206-263-3001
TTY Relay: 711

June 16, 2014

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Brad Reisinger
Lennar Multifamily Communities LLC
1325 4th Avenue, Suite 1700
Seattle, WA 98101

Issuance of Wastewater Discharge Authorization No. 939-01 to Lennar Multifamily Communities LLC - 7th at Gilman Construction Project

Dear Mr. Reisinger:

The King County Industrial Waste Program (KCIW) has reviewed your application to discharge construction dewatering to the sewer system from the Lennar Multifamily Communities LLC - 7th at Gilman Construction Project located at 615 NW Gilman Blvd., Issaquah, Washington, and has issued the enclosed Minor Discharge Authorization.

This authorization permits you to discharge limited amounts of industrial wastewater into King County's sewer system in accordance with the effluent limitations and other requirements and conditions set forth in the document and the regulations outlined in King County Code 28.84.060 (enclosed). As long as you maintain compliance with regulations and do not change the nature and volume of your discharge, KCIW will not require you to apply for an industrial wastewater discharge permit, a type of approval that would result in additional requirements and increased fees.

If you propose to increase the volume of your discharge or change the type or quantities of substances discharged, you must contact KCIW at least 60 days before making a change.

King County Code 28.84 authorizes a fee for each Minor Discharge Authorization issued by the King County Department of Natural Resources and Parks. The current fee for issuance of a Minor Discharge Authorization is $1,000. King County will send you an invoice for this amount.

If at any time you have questions about this discharge authorization or your wastewater discharge, please call me at 206-263-3006 or email me at todd.gowing@kingcounty.gov. You may also wish to visit our program's Internet pages at: www.kingcounty.gov/industrialwaste.

Thank you for helping support our mission to protect public health and enhance the environment.

Sincerely,

Todd Gowing
Compliance Investigator

Enclosures

cc: Bob Brock, City of Issaquah
Kristin Painter, King County

King County

MINOR DISCHARGE AUTHORIZATION
King County Industrial Waste Program
130 Nickerson Street, Suite 200
Seattle, WA 98109-1658

NUMBER 939-01
for

Lennar Multifamily Communities LLC - 7th at Gilman Construction Project

Site address: 615 NW Gilman Blvd.
Issaquah, Washington

Mailing address: 1325 4th Avenue, Suite 1700
Seattle, WA 98101

Phone: 206-708-2295

Industry type: Construction dewatering

Discharge to: South Treatment Plant

*Note: This authorization is valid only for the specific discharges shown below:

Discharge process: Wastewater generated by construction dewatering operation

Pretreatment process: Gravity settling

Maximum discharge volume: 25,000 gallons per day
Maximum discharge rate: 200 gallons per minute

Effective date: June 25, 2014
Expiration date: January 1, 2015

Permission is hereby granted to discharge industrial wastewater from the above-identified facility into the King County sewer system in accordance with the effluent limitations and monitoring requirements set forth in this authorization.

If the industrial user wishes to continue to discharge after the expiration date, an application must be filed for re-issuance of this discharge authorization at least 90 days prior to the expiration date. For information concerning this King County Discharge Authorization please call Industrial Waste Compliance Investigator Todd Gowing at 206-263-3006.

24-HOUR EMERGENCY NOTIFICATION
South Treatment Plant: 206-684-2404
Washington State Department of Ecology: 425-649-7000

SPECIAL CONDITIONS

A. No later than July 15, 2014, the permittee must submit a list of Lennar Multifamily Communities LLC - 7th at Gilman Construction Project and contractor personnel responsible for dewatering activities, including operation and maintenance of the wastewater treatment system and monitoring of the discharge to the sanitary sewer. The list shall include the site contacts' name, title, company, and phone numbers (office and cell).

B. Discharge to the sanitary sewer shall not begin until KCIW has conducted a preoperative inspection of the pretreatment facilities and has sent written notification (email is sufficient) to the permittee that discharges may begin.

C. All persons responsible for monitoring the discharge to the sanitary sewer shall review a copy of this authorization.

D. A copy of this authorization shall be on site at all times for review and reference.

E. This authorization grants the discharge of limited amounts of wastewater from the following waste streams:

1. Contaminated stormwater runoff
2. Excavation dewatering

Wastes or contaminants from sources other than permitted herein shall not be discharged to the sanitary sewer without prior approval from KCIW.

F. The discharge shall not cause hydraulic overloading conditions of the sewerage conveyance system. During periods of peak hydraulic loading KCIW and City of Issaquah representatives reserve the authority to request that discharge to the sewer be stopped.

G. All wastewater shall be collected and treated in accordance with treatment methods approved by KCIW. Wastewater shall not bypass treatment systems. Modifications to wastewater treatment systems shall not occur without prior approval from KCIW.

H. Totalizing and non-resettable flow meters must be installed on all permitted discharge pipes to the sewer.

I. An accessible sampling spigot must be installed on the discharge pipe from the last treatment unit of the wastewater treatment system. The sample site shall be representative of all industrial waste streams discharged to the sewer from this site. Each sample site shall be accessible to KCIW representatives when discharge to the sewer is occurring.

J. The contractor shall implement erosion control best management practices to minimize the amount of solids discharged to the sanitary sewer system. As a minimum precaution, the wastewater must be pumped to an appropriately sized settling tank(s) prior to entering the sewer system.

K. The permittee shall properly operate and maintain all wastewater treatment units to ensure compliance with established discharge limits. Solids accumulation in tanks used for solids settling shall not exceed 25 percent of the tank's working hydraulic capacity. Each tank's working hydraulic capacity is based on the water column height as measured from the bottom of the tank to either the invert elevation of the tank's outlet pipe (gravity discharges) or discharge pump intake (pumped discharges).

L. Results of all required self-monitoring sampling must be recorded daily. Recorded information for each discharge site must include:

1. Sample date
2. Sample time
3. Sample results
4. Operator name
5. Comments (if applicable)

These records shall be maintained on site and shall be available for review by KCIW personnel during normal business hours.

M. The permittee must establish a sewer account with the City of Issaquah and provide necessary reports to ensure accurate assessment of sewer charges for all construction dewatering discharge sites associated with this project.

SELF-MONITORING REQUIREMENTS

A. The following self-monitoring requirements shall be met for this discharge authorization:

Parameter	Frequency	Sample Type/Method
Discharge volume	Daily	In-line flow meter
Discharge rate	Daily	In-line flow meter
Settleable solids	Daily	Grab by Imhoff cone
pH	Daily	Hand-held meter
Tetrachloroethylene (PCE)	Weekly	Grab
Vinyl chloride	Weekly	Grab
Cis-1,2-dichloroethene	Weekly	Grab
Chloromethane	Weekly	Grab
Arsenic	Weekly	Grab
Chromium	Weekly	Grab
Lead	Weekly	Grab

B. The settleable solids field test by Imhoff cone must be performed as follows:

1. Fill cone to one-liter mark with well-mixed sample.
2. Allow 45 minutes to settle.
3. Gently stir sides of cone with a rod or by spinning. Settle 15 minutes longer.
4. Record volume of settleable matter in the cone as ml/L.

C. Samples collected while dewatering within contaminated areas will be analyzed prior to initial discharge to ensure that the water meets pretreatment standards. After the initial sampling continuous flow is approved. Sampling for the listed contaminants shall be conducted on a weekly basis after the initial sampling while dewatering.

D. If a violation of any discharge limits or operating criteria is detected in monitoring, you shall notify KCIW immediately upon receipt of analytical data.

E. An end-of-project self-monitoring report (form enclosed), containing results of required self-monitoring and total volume discharged to the sewer, shall be submitted to KCIW by **January 15, 2015**.

F. All self-monitoring data submitted to KCIW, which required a laboratory analysis, must have been performed by a laboratory accredited by the Washington State Department of Ecology for each parameter tested, using procedures approved by 40 CFR 136. This does not apply to field measurements performed by the industrial user such as pH, temperature, flow, atmospheric hydrogen sulfide, total dissolved sulfides, total settleable solids by Imhoff cone, or process control information.

G. All sampling data collected by the permittee and analyzed using procedures approved by 40 CFR 136, or approved alternatives, shall be submitted to KCIW whether required as part of this authorization or done voluntarily by the permittee.

H. Self-monitoring reports shall be signed by an authorized representative of the industrial user. The authorized representative of the industrial user is defined as:

1. The president, secretary, treasurer, or a vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation

2. The manager of one or more manufacturing, production, or operating facilities, but only if the manager:

    a. Is authorized to make management decisions that govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiate and direct other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations
    b. Can ensure that the necessary systems are established or actions taken to gather complete and accurate information for control mechanism requirements and knowledgeable of King County reporting requirements
    c. Has been assigned or delegated the authority to sign documents, in accordance with corporate procedures

3. A general partner or proprietor if the industrial user is a partnership or proprietorship, respectively

4. A director or highest official appointed or designated to oversee the operation and performance of the industry if the industrial user is a government agency

5. The individuals described in one through four above may designate an authorized representative if:

    a. The authorization is submitted to King County in writing
    b. The authorization specifies the individual or position responsible for the overall operation of the facility from which the discharge originates or having overall responsibility for environmental matters for the company or agency

GENERAL DISCHARGE LIMITATIONS

Operating criteria

There shall be no odor of solvent, gasoline, or hydrogen sulfide (rotten egg odor), oil sheen, unusual color, or visible turbidity. The discharge must remain translucent. If any of the discharge limits are exceeded, you must stop discharging and notify KCIW at 206-263-3000.

Corrosive substances

Limits	
Maximum:	pH 12.0 (s.u.)
Instantaneous minimum:	pH 5.0 (s.u.)
Daily minimum:	pH 5.5 (s.u.)

The instantaneous minimum pH limit is violated whenever any single grab sample or any instantaneous recording is less than pH 5.0. The daily minimum pH limit is violated whenever any continuous recording of 15 minutes or longer remains below pH 5.5 or when each pH value of four consecutive grab samples collected at 15-minute intervals or longer within a 24-hour period remains below pH 5.5.

Discharges of more than 50 gallons per day of caustic solutions equivalent to more than 5 percent NaOH by weight or greater than pH 12.0 are prohibited unless authorized by KCIW and subject to special conditions to protect worker safety, the collection system, and treatment works.

Fats, oils, and grease

Discharge of FOG shall not result in significant accumulations that either alone or in combination with other wastes are capable of obstructing flow or interfere with the operation or performance of sewer works or treatment facilities.

Nonpolar FOG (oil and grease from petroleum sources): The three nonpolar FOG grab samples shall be of equal volume, collected at least five minutes apart, and analyzed separately. When using U.S. Environmental Protection Agency approved protocols specified in 40 CFR Part 136, the individual grab samples may be composited (at the laboratory) prior to analysis. The result of the composite sample or the average of the concentrations of the three grab samples may be reported as Total FOG unless the value is 100 mg/L or greater, in which case the concentration of nonpolar FOG must be reported.

Polar FOG (oil and grease from animal and/or vegetable origin): Dischargers of polar FOG shall minimize free-floating polar FOG. Dischargers may not add emulsifying agents exclusively for the purpose of emulsifying free-floating FOG.

Flammable or explosive materials

No person shall discharge any pollutant, as defined in 40 CFR 403.5, that creates a fire or explosion hazard in any sewer or treatment works, including, but not limited to, waste streams with a closed cup flashpoint of less than 140° Fahrenheit or 60° Centigrade using the test methods specified in 40 CFR 261.21.

At no time shall two successive readings on an explosion hazard meter, at the point of discharge into the system (or at any point in the system), be more than 5 percent nor any single reading be more than 10 percent of the lower explosive limit (LEL) of the meter.

Pollutants subject to this prohibition include, but are not limited to, gasoline, kerosene, naphtha, benzene, toluene, xylene, ethers, alcohols, ketones, aldehydes, peroxides, chlorates, perchlorates, bromates, carbides, hydrides, and sulfides, and any other substances that King County, the fire department, Washington State, or the U.S. Environmental Protection Agency has notified the user are a fire hazard or a hazard to the system.

Petroleum Compounds	**Maximum Concentration ppm (mg/L)**
Benzene	0.07
Ethylbenzene	1.7
Toluene	1.4
Total xylenes	2.2
Tetrachloroethylene (PCE)	0.24
Cis-1,2-dichloroethylene	2.0
Vinyl chloride	0.012

Heavy metals/cyanide

The industrial user shall not discharge wastes, which exceed the following limitations:

Heavy Metals & Cyanide	**Instantaneous Maximum ppm (mg/L)[1]**	**Daily Average ppm (mg/L)[2]**
Arsenic	4.0	1.0
Cadmium	0.6	0.5
Chromium	5.0	2.75
Copper	8.0	3.0
Lead	4.0	2.0
Mercury	0.2	0.1
Nickel	5.0	2.5
Silver	3.0	1.0
Zinc	10.0	5.0
Cyanide	3.0	2.0

[1]The instantaneous maximum is violated whenever the concentration of any sample, including a grab within a series used to calculate daily average concentrations, exceeds the limitation.

[2]The daily average limit is violated: a) for a continuous flow system when a composite sample consisting of four or more consecutive samples collected during a 24-hour period over intervals of 15 minutes or greater exceeds the limitation, or b) for a batch system when any sample exceeds the limitation. A composite sample is defined as at least four grab samples of equal volume taken throughout the processing day from a well-mixed final effluent chamber, and analyzed as a single sample.

High temperature

The industrial user shall not discharge material with a temperature in excess of 65° C (150° F).

Hydrogen sulfide

Atmospheric hydrogen sulfide: 10.0 ppm
(As measured at a monitoring manhole designated by KCIW)

Soluble sulfide limits may be established on a case-by-case basis depending upon volume of discharge and conditions in the receiving sewer, including oxygen content and existing sulfide concentrations.

Organic compounds

No person shall discharge any organic pollutants that result in the presence of toxic gases, vapors, or fumes within a public or private sewer or treatment works in a quantity that may cause worker health and safety problems.

Organic pollutants subject to this restriction include, but are not limited to: Any organic pollutants compound listed in 40 CFR Section 433.11 (e) (total toxic organics [TTO] definition), acetone, 2-butanone (MEK), 4-methyl-2-pentanone (MIBK), and xylenes.

Settleable solids

Settleable solids concentrations: 7.0 ml/L

GENERAL CONDITIONS

A. All requirements of King County Code pertaining to the discharge of wastes into the municipal sewer system are hereby made a condition of this discharge authorization.

B. The industrial discharger shall implement measures to prevent accidental spills or discharges of prohibited substances to the municipal sewer system. Such measures include, but are not limited to, secondary containment of chemicals and wastes, elimination of connections to the municipal sewer system, and spill response equipment.

C. Any facility changes, which will result in a change in the character or volume of the pollutants discharged to the municipal sewer system, must be reported to your KCIW representative. Any changes that will cause the violation of the effluent limitations specified herein will not be allowed.

D. In the event the permittee is unable to comply with any of the conditions of this discharge authorization because of breakdown of equipment or facilities, an accident caused by human error, negligence, or any other cause, such as an act of nature the company shall:

1. Take immediate action to stop, contain, and clean up the unauthorized discharges and correct the problem.
2. Immediately notify KCIW and, if after 5 p.m. weekdays and on weekends, call the emergency King County treatment plant phone number on Page 1 so steps can be taken to prevent damage to the sewer system.
3. Submit a written report within 14 days of the event (*14-Day Report*) describing the breakdown, the actual quantity and quality of resulting waste discharged, corrective action taken, and the steps taken to prevent recurrence.

E. Compliance with these requirements does not relieve the permittee from responsibility to maintain continuous compliance with the conditions of the discharge authorization or the resulting liability for failure to comply.

F. The permittee shall, at all reasonable times, allow authorized representatives of KCIW to enter that portion of the premises where an effluent source or disposal system is located or in which any records are required to be kept under the terms and conditions of this authorization.

G. Nothing in this discharge authorization shall be construed as excusing the permittee from compliance with any applicable federal, state, or local statutes, ordinances, or regulations including discharge into waters of the state. Any such discharge is subject to regulation and enforcement action by the Washington State Department of Ecology.

H. This discharge authorization does not authorize discharge after its expiration date. If the permittee wishes to continue to discharge after the expiration date, an application must be filed for reissuance of this discharge authorization at least 90 days prior to the expiration date. If the permittee submits its reapplication in the time specified herein, the permittee shall be deemed to have an effective wastewater discharge authorization until KCIW issues or denies the new wastewater discharge authorization. If the permittee fails to file its reapplication in the time period specified herein, the permittee will be deemed to be discharging without authorization.

Compliance Investigator:_____ Date: June 16, 2014

Todd Gowing

King County

Industrial Waste Self-Monitoring Report

Send to: King County Industrial Waste Program
130 Nickerson Street, Suite 200
Seattle, WA 98109-1658
Phone 206-263-3000 / FAX 206-263-3001
Email: info.KCIW@kingcounty.gov

Project Name: Lennar Multifamily Communities LLC - 7th at Gilman Construction Project **Authorization No.:** 939-01

Project Location: 615 NW Gilman Blvd., Issaquah

Sample Date	pH (s.u.)		Settleable Solids (mL/L)	Tetrachloroethylene (µg/L)	Vinyl chloride (µg/L)	Cis-1,2-dichloroethene (µg/L)	Chloromethane (µg/L)	Arsenic (µg/L)	Chromium (µg/L)	Lead (µg/L)	Discharge Volume (gallons)	Name or initials of person collecting and recording samples and volume each day. If permitted for relief only, explain why you did not discharge to surface water for each day of discharge.
	Min.	Max.										

APPENDIX F

DEPARTMENT OF ECOLOGY
State of Washington

Notice of Intent to Decommission a Well

Notification Number **AE27072**

This form and required fees **MUST BE RECEIVED** by the Department of Ecology **72 HOURS BEFORE** you construct a well.

Submit one completed form for each job site and required fee (check or money order only) to:
Department of Ecology Cashiering Unit, P.O. Box 47611, Olympia, WA 98504-7611

NOTE: Please print. Processing your Notice of Intent may be delayed if all fields are not filled in completely.

1. Property Owner: Lenarr Multifamily Investors — Phone Number:
   Mailing Address: 720 Third Ave Ste 1420 — City: Seattle — State: WA — Zip Code: 98104
2. Agent (if different from above): G-Logics — Phone Number:
   Mailing Address: 40 2nd Ave SE — City: Issaquah — State: WA — Zip Code: 98027
3. Well Location

Tax Parcel Number, Township, Range, Section,¼, and ¼ ¼ are Required. Latitude and longitude (if available).

County Name: King - 17

Well Site Street Address	City	State	Zip Code
615 NW Gilman Blvd.	Issaquah	WA	98027

Tax Parcel Number	Township	Range	Section	¼ (within 160 acres)	¼ -¼ (within 40 acres)
2824069258	24N	6E	28	NE	NW

Latitude Degrees	Latitude Time	Horizontal Collection Method
	min sec	
Longitude Degrees	**Longitude Time**	
	min sec	

4. Notice of Intent Number of well being decomissioned: RE09374 — Unique Well Tag Number of well being decomissioned (if applicable):
5. Well Type to Decommission: Resource Protection - $20.00 each — Revised Code: 027-WEL1**-02-87-000101 — How Many? 3
6. Estimated Decommission Start Date: 6/2/2014 12:00:00 — Project Name:
7. Professional's License Number:
8. Well Drilling Company Name: Not Yet Defined — Phone Number: None Supplied
9. Well Driller Name: KARIS VANDEHEY — Driller License Number: 3034
10. **Send the entire form.**

Please copy the notification number (located in the upper and lower right corners) and keep in a safe place. Use this reference number when communicating with the Department of Ecology.

Water Well :	$50.00
Soil Sampling, Dewatering, Environmental investigation wells:	No Fee
All other wells:	$20.00 each
Amount Enclosed $	$60

This notification number must be provided to your driller:

AE27072

karisv@g-logics.com

Your Notice of Intent has been processed as of 6/2/2014. Your Cash Journal Validation Number is: 461S1408.
This message being sent at (6/3/2014)

Instructions

Item 1: Property owner's name, daytime phone number and mailing address.

Item 2: Agent - If the driller, consultant or other person is acting as your agent and is submitting the notification fee, please provide their name, mailing address and daytime phone number

Item 3: Complete county name and code number from drop down list. If the site street address is available, please fill in the complete address here. Include city and zip code. Please enter the tax parcel number if available. NOTE: Include all dashes and zeros. Please provide the Township, Range, Section, where the well is located. This information can be found in your property legal description or the County Assessor's Office

Item 4: Please enter the original construction notice of intent number if available.

Item 5: Type of well to decommission. Please note those wells that require a fee and those that do not.

Item 6: Enter the approximate decommissioning start date.

Item 7-11: This information should be available from your well driller.

For Assistance

Contact the Department of Ecology Regional Office where the well is located.

Benton, Chelan, Douglas, Kittitas, Klickitat, Okanogan, Yakima counties contact:

Central Regional Office (CRO) (509) 575-2490 TTY 711 and 1-800-833-6388

Adams, Asotin, Columbia, Ferry, Franklin, Garfield, Grant, Lincoln, Pend Oreille, Spokane, Stevens, Walla Walla, Whitman counties contact:

Eastern Regional Office (ERO) (509) 329-3400 TTY 711 and 1-800-833-6388

Island, King, Kitsap, San Juan, Skagit, Snohomish, Whatcom counties contact:

Northwest Regional Office (NWRO) (425) 649-7000 TTY 711 and 1-800-833-6388

Clallam, Clark, Cowlitz, Grays Harbor, Jefferson, Lewis, Mason, Pacific, Pierce, Skamania, Thurston, Wahkiakum counties contact:

Southwest Regional Office (SWRO) (360) 407-6300 TTY 711 and 1-800-833-6388

If you need this document in a format for the visually impaired, call Water Resources Program at 360-407-6872.
Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

DEPARTMENT OF ECOLOGY
State of Washington

Notice of Intent to
Decommission a Well

Notification Number **AE27073**

This form and required fees **MUST BE RECEIVED** by the Department of Ecology **72 HOURS BEFORE** you construct a well.

Submit one completed form for each job site and required fee (check or money order only) to:
Department of Ecology Cashiering Unit, P.O. Box 47611, Olympia, WA 98504-7611

NOTE: Please print. Processing your Notice of Intent may be delayed if all fields are not filled in completely.

1. Property Owner: Lennar Multifamily Investors | Phone Number:
Mailing Address: 720 3rd Ave Ste 1420 | City: Seattle | State: WA | Zip Code: 98104

2. Agent (if different from above): G-Logics | Phone Number:
Mailing Address: 40 2nd Ave SE | City: Issaquah | State: WA | Zip Code:

3. Well Location

Tax Parcel Number, Township, Range, Section,¼, and ¼ ¼ are Required. Latitude and longitude (if available).

County Name: King - 17

Well Site Street Address: 685 NW Gilman Blvd | City: Issaquah | State: WA | Zip Code: 98027

Tax Parcel Number	Township	Range	Section	¼ (within 160 acres)	¼ -¼ (within 40 acres)
	24N	6E	28	NW	NE

Latitude Degrees	Latitude Time min	sec	Horizontal Collection Method
Longitude Degrees	Longitude Time min	sec	

4. Notice of Intent Number of well being decomissioned: RE08571 | Unique Well Tag Number of well being decomissioned (if applicable):

5. Well Type to Decommission
Resource Protection - $20.00 each | Revised Code: 027-WEL1**-02-87-000101 | How Many? 1

6. Estimated Decommission Start Date: 6/2/2014 12:00:00 | Project Name:

7. Professional's License Number:

8. Well Drilling Company Name: Not Yet Defined | Phone Number: None Supplied

9. Well Driller Name: KARIS VANDEHEY | Driller License Number: 3034

10. **Send the entire form.**

Please copy the notification number (located in the upper and lower right corners) and keep in a safe place. Use this reference number when communicating with the Department of Ecology.

Water Well :	$50.00
Soil Sampling, Dewatering, Environmental investigation wells:	No Fee
All other wells:	$20.00 each
Amount Enclosed $	$20

This notification number must be provided to your driller:

AE27073

karisv@g-logics.com

Your Notice of Intent has been processed as of 6/2/2014. Your Cash Journal Validation Number is: 461S1408.
This message being sent at (6/3/2014)

Instructions

Item 1: Property owner's name, daytime phone number and mailing address.

Item 2: Agent - If the driller, consultant or other person is acting as your agent and is submitting the notification fee, please provide their name, mailing address and daytime phone number

Item 3: Complete county name and code number from drop down list. If the site street address is available, please fill in the complete address here. Include city and zip code. Please enter the tax parcel number if available. NOTE: Include all dashes and zeros. Please provide the Township, Range, Section, where the well is located. This information can be found in your property legal description or the County Assessor's Office

Item 4: Please enter the original construction notice of intent number if available.

Item 5: Type of well to decommission. Please note those wells that require a fee and those that do not.

Item 6: Enter the approximate decommissioning start date.

Item 7-11: This information should be available from your well driller.

For Assistance

Contact the Department of Ecology Regional Office where the well is located.

Benton, Chelan, Douglas, Kittitas, Klickitat, Okanogan, Yakima counties contact:

Central Regional Office (CRO) (509) 575-2490 TTY 711 and 1-800-833-6388

Adams, Asotin, Columbia, Ferry, Franklin, Garfield, Grant, Lincoln, Pend Oreille, Spokane, Stevens, Walla Walla, Whitman counties contact:

Eastern Regional Office (ERO) (509) 329-3400 TTY 711 and 1-800-833-6388

Island, King, Kitsap, San Juan, Skagit, Snohomish, Whatcom counties contact:

Northwest Regional Office (NWRO) (425) 649-7000 TTY 711 and 1-800-833-6388

Clallam, Clark, Cowlitz, Grays Harbor, Jefferson, Lewis, Mason, Pacific, Pierce, Skamania, Thurston, Wahkiakum counties contact:

Southwest Regional Office (SWRO) (360) 407-6300 TTY 711 and 1-800-833-6388

If you need this document in a format for the visually impaired, call Water Resources Program at 360-407-6872.
Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

DEPARTMENT OF ECOLOGY
State of Washington

Notice of Intent to
Decommission a Well

Notification Number **AE27074**

This form and required fees **MUST BE RECEIVED** by the Department of Ecology **72 HOURS BEFORE** you construct a well.

Submit one completed form for each job site and required fee (check or money order only) to:
Department of Ecology Cashiering Unit, P.O. Box 47611, Olympia, WA 98504-7611

NOTE: Please print. Processing your Notice of Intent may be delayed if all fields are not filled in completely.

1. Property Owner: Lenarr Multifamily Investors		Phone Number:	
Mailing Address: 720 3rd Ave Ste 1420	City: Seattle	State: WA	Zip Code: 98104
2. Agent (if different from above): G-Logics		Phone Number:	
Mailing Address: 40 2nd Ave. SE	City: Issaquah	State: WA	Zip Code: 98027

3. Well Location

Tax Parcel Number, Township, Range, Section,¼, and ¼ ¼ are Required. Latitude and longitude (if available).

County Name: King - 17					
Well Site Street Address: 615 Nw Gilman Blvd.	City: Issaquah	State: WA	Zip Code: 98027		
Tax Parcel Number	Township: 24N	Range: 6E	Section: 28	¼ (within 160 acres): NW	¼ -¼ (within 40 acres): NE
Latitude Degrees	Latitude Time: min	sec	Horizontal Collection Method		
Longitude Degrees	Longitude Time: min	sec			

4. Notice of Intent Number of well being decomissioned: R018027
Unique Well Tag Number of well being decomissioned (if applicable)

5. Well Type to Decommission
Resource Protection - $20.00 each Revised Code: 027-WEL1**-02-87-000101 How Many? 3

6. Estimated Decommission Start Date: 6/2/2014 12:00:00 Project Name

7. Professional's License Number

8. Well Drilling Company Name: Not Yet Defined	Phone Number: None Supplied
9. Well Driller Name: KARIS VANDEHEY	Driller License Number: 3034

10. **Send the entire form.**

Please copy the notification number (located in the upper and lower right corners) and keep in a safe place. Use this reference number when communicating with the Department of Ecology.

Water Well :	$50.00
Soil Sampling, Dewatering, Environmental investigation wells:	No Fee
All other wells:	$20.00 each
Amount Enclosed $	$60

This notification number must be provided to your driller:

AE27074

karisv@g-logics.com

Your Notice of Intent has been processed as of 6/2/2014. Your Cash Journal Validation Number is: 461S1408.
This message being sent at (6/3/2014)

Instructions

Item 1: Property owner's name, daytime phone number and mailing address.

Item 2: Agent - If the driller, consultant or other person is acting as your agent and is submitting the notification fee, please provide their name, mailing address and daytime phone number

Item 3: Complete county name and code number from drop down list. If the site street address is available, please fill in the complete address here. Include city and zip code. Please enter the tax parcel number if available. NOTE: Include all dashes and zeros. Please provide the Township, Range, Section, where the well is located. This information can be found in your property legal description or the County Assessor's Office

Item 4: Please enter the original construction notice of intent number if available.

Item 5: Type of well to decommission. Please note those wells that require a fee and those that do not.

Item 6: Enter the approximate decommissioning start date.

Item 7-11: This information should be available from your well driller.

For Assistance

Contact the Department of Ecology Regional Office where the well is located.

Benton, Chelan, Douglas, Kittitas, Klickitat, Okanogan, Yakima counties contact:

Central Regional Office (CRO) (509) 575-2490 TTY 711 and 1-800-833-6388

Adams, Asotin, Columbia, Ferry, Franklin, Garfield, Grant, Lincoln, Pend Oreille, Spokane, Stevens, Walla Walla, Whitman counties contact:

Eastern Regional Office (ERO) (509) 329-3400 TTY 711 and 1-800-833-6388

Island, King, Kitsap, San Juan, Skagit, Snohomish, Whatcom counties contact:

Northwest Regional Office (NWRO) (425) 649-7000 TTY 711 and 1-800-833-6388

Clallam, Clark, Cowlitz, Grays Harbor, Jefferson, Lewis, Mason, Pacific, Pierce, Skamania, Thurston, Wahkiakum counties contact:

Southwest Regional Office (SWRO) (360) 407-6300 TTY 711 and 1-800-833-6388

If you need this document in a format for the visually impaired, call Water Resources Program at 360-407-6872.
Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

DEPARTMENT OF ECOLOGY
State of Washington

Notice of Intent to Decommission a Well

Notification Number **AE27374**

This form and required fees **MUST BE RECEIVED** by the Department of Ecology **72 HOURS BEFORE** you construct a well.

Submit one completed form for each job site and required fee (check or money order only) to:
Department of Ecology Cashiering Unit, P.O. Box 47611, Olympia, WA 98504-7611

NOTE: Please print. Processing your Notice of Intent may be delayed if all fields are not filled in completely.

1. Property Owner: Gilman Square LLC — Phone Number:
Mailing Address: 2033 1st Ave Suite 2 — City: Seattle — State: WA — Zip Code: 98121

2. Agent (if different from above) — Phone Number:
Mailing Address — City — State — Zip Code

3. Well Location

Tax Parcel Number, Township, Range, Section,¼, and ¼ ¼ are Required. Latitude and longitude (if available).

County Name: King - 17

Well Site Street Address — City — State: WA — Zip Code

Tax Parcel Number	Township	Range	Section	¼ (within 160 acres)	¼ -¼ (within 40 acres)
	25N	4E	31	SW	SW

Latitude Degrees	Latitude Time min sec	Horizontal Collection Method
Longitude Degrees	Longitude Time min sec	

4. Notice of Intent Number of well being decomissioned: RE08854 — Unique Well Tag Number of well being decomissioned (if applicable)

5. Well Type to Decommission
Resource Protection - $20.00 each — Revised Code: 027-WEL1**-02-87-000101 — How Many? 3

6. Estimated Decommission Start Date: 6/23/2014 12:00:0 — Project Name

7. Professional's License Number

8. Well Drilling Company Name: Not Yet Defined — Phone Number: None Supplied

9. Well Driller Name: KARIS VANDEHEY — Driller License Number: 3034

10. **Send the entire form.**

Please copy the notification number (located in the upper and lower right corners) and keep in a safe place. Use this reference number when communicating with the Department of Ecology.

Water Well :	$50.00
Soil Sampling, Dewatering, Environmental investigation wells:	No Fee
All other wells:	$20.00 each
Amount Enclosed $	$60

This notification number must be provided to your driller:

AE27374

karisv@g-logics.com

Your Notice of Intent has been processed as of 6/18/2014. Your Cash Journal Validation Number is: 461S1489. This message being sent at (6/18/2014)

Instructions

Item 1: Property owner's name, daytime phone number and mailing address.

Item 2: Agent - If the driller, consultant or other person is acting as your agent and is submitting the notification fee, please provide their name, mailing address and daytime phone number

Item 3: Complete county name and code number from drop down list. If the site street address is available, please fill in the complete address here. Include city and zip code. Please enter the tax parcel number if available. NOTE: Include all dashes and zeros. Please provide the Township, Range, Section, where the well is located. This information can be found in your property legal description or the County Assessor's Office

Item 4: Please enter the original construction notice of intent number if available.

Item 5: Type of well to decommission. Please note those wells that require a fee and those that do not.

Item 6: Enter the approximate decommissioning start date.

Item 7-11: This information should be available from your well driller.

For Assistance

Contact the Department of Ecology Regional Office where the well is located.

Benton, Chelan, Douglas, Kittitas, Klickitat, Okanogan, Yakima counties contact:

Central Regional Office (CRO) (509) 575-2490 TTY 711 and 1-800-833-6388

Adams, Asotin, Columbia, Ferry, Franklin, Garfield, Grant, Lincoln, Pend Oreille, Spokane, Stevens, Walla Walla, Whitman counties contact:

Eastern Regional Office (ERO) (509) 329-3400 TTY 711 and 1-800-833-6388

Island, King, Kitsap, San Juan, Skagit, Snohomish, Whatcom counties contact:

Northwest Regional Office (NWRO) (425) 649-7000 TTY 711 and 1-800-833-6388

Clallam, Clark, Cowlitz, Grays Harbor, Jefferson, Lewis, Mason, Pacific, Pierce, Skamania, Thurston, Wahkiakum counties contact:

Southwest Regional Office (SWRO) (360) 407-6300 TTY 711 and 1-800-833-6388

If you need this document in a format for the visually impaired, call Water Resources Program at 360-407-6872.
Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

DEPARTMENT OF ECOLOGY
State of Washington

Notice of Intent to Decommission a Well

Notification Number **AE27072**

This form and required fees **MUST BE RECEIVED** by the Department of Ecology **72 HOURS BEFORE** you construct a well.

Submit one completed form for each job site and required fee (check or money order only) to:
Department of Ecology Cashiering Unit, P.O. Box 47611, Olympia, WA 98504-7611

NOTE: Please print. Processing your Notice of Intent may be delayed if all fields are not filled in completely.

1. Property Owner: Lenarr Multifamily Investors — Phone Number:
   Mailing Address: 720 Third Ave Ste 1420 — City: Seattle — State: WA — Zip Code: 98104
2. Agent (if different from above): G-Logics — Phone Number:
   Mailing Address: 40 2nd Ave SE — City: Issaquah — State: WA — Zip Code: 98027
3. Well Location

Tax Parcel Number, Township, Range, Section,¼, and ¼ ¼ are Required. Latitude and longitude (if available).

County Name: King - 17

Well Site Street Address	City	State	Zip Code
615 NW Gilman Blvd.	Issaquah	WA	98027

Tax Parcel Number	Township	Range	Section	¼ (within 160 acres)	¼ -¼ (within 40 acres)
2824069258	24N	6E	28	NE	NW

Latitude Degrees	Latitude Time	Horizontal Collection Method
	min sec	
Longitude Degrees	**Longitude Time**	
	min sec	

4. Notice of Intent Number of well being decomissioned: RE09374 — Unique Well Tag Number of well being decomissioned (if applicable):
5. Well Type to Decommission: Resource Protection - $20.00 each — Revised Code: 027-WEL1**-02-87-000101 — How Many? 3
6. Estimated Decommission Start Date: 6/2/2014 12:00:00 — Project Name:
7. Professional's License Number:
8. Well Drilling Company Name: Not Yet Defined — Phone Number: None Supplied
9. Well Driller Name: KARIS VANDEHEY — Driller License Number: 3034
10. **Send the entire form.**

Please copy the notification number (located in the upper and lower right corners) and keep in a safe place. Use this reference number when communicating with the Department of Ecology.

Water Well :	$50.00
Soil Sampling, Dewatering, Environmental investigation wells:	No Fee
All other wells:	$20.00 each
Amount Enclosed $	$60

This notification number must be provided to your driller:

AE27072

karisv@g-logics.com

Your Notice of Intent has been processed as of 6/2/2014. Your Cash Journal Validation Number is: 461S1408.
This message being sent at (6/3/2014)

Instructions

Item 1: Property owner's name, daytime phone number and mailing address.

Item 2: Agent - If the driller, consultant or other person is acting as your agent and is submitting the notification fee, please provide their name, mailing address and daytime phone number

Item 3: Complete county name and code number from drop down list. If the site street address is available, please fill in the complete address here. Include city and zip code. Please enter the tax parcel number if available. NOTE: Include all dashes and zeros. Please provide the Township, Range, Section, where the well is located. This information can be found in your property legal description or the County Assessor's Office

Item 4: Please enter the original construction notice of intent number if available.

Item 5: Type of well to decommission. Please note those wells that require a fee and those that do not.

Item 6: Enter the approximate decommissioning start date.

Item 7-11: This information should be available from your well driller.

For Assistance

Contact the Department of Ecology Regional Office where the well is located.

Benton, Chelan, Douglas, Kittitas, Klickitat, Okanogan, Yakima counties contact:

Central Regional Office (CRO) (509) 575-2490 TTY 711 and 1-800-833-6388

Adams, Asotin, Columbia, Ferry, Franklin, Garfield, Grant, Lincoln, Pend Oreille, Spokane, Stevens, Walla Walla, Whitman counties contact:

Eastern Regional Office (ERO) (509) 329-3400 TTY 711 and 1-800-833-6388

Island, King, Kitsap, San Juan, Skagit, Snohomish, Whatcom counties contact:

Northwest Regional Office (NWRO) (425) 649-7000 TTY 711 and 1-800-833-6388

Clallam, Clark, Cowlitz, Grays Harbor, Jefferson, Lewis, Mason, Pacific, Pierce, Skamania, Thurston, Wahkiakum counties contact:

Southwest Regional Office (SWRO) (360) 407-6300 TTY 711 and 1-800-833-6388

If you need this document in a format for the visually impaired, call Water Resources Program at 360-407-6872.
Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

DEPARTMENT OF ECOLOGY
State of Washington

Notice of Intent to Decommission a Well

Notification Number **AE27376**

This form and required fees **MUST BE RECEIVED** by the Department of Ecology **72 HOURS BEFORE** you construct a well.

Submit one completed form for each job site and required fee (check or money order only) to:
Department of Ecology Cashiering Unit, P.O. Box 47611, Olympia, WA 98504-7611

NOTE: Please print. Processing your Notice of Intent may be delayed if all fields are not filled in completely.

1. Property Owner: Gilman Square LLC — Phone Number:
   Mailing Address: 2033 1st Ave Suite 2 — City: Seattle — State: WA — Zip Code: 98121
2. Agent (if different from above) — Phone Number:
   Mailing Address: — City: — State: — Zip Code:
3. Well Location

Tax Parcel Number, Township, Range, Section,¼, and ¼ ¼ are Required. Latitude and longitude (if available).

County Name: King - 17

Well Site Street Address: 615 NW Gilman Blvd — City: Issaquah — State: WA — Zip Code:

Tax Parcel Number	Township	Range	Section	¼ (within 160 acres)	¼ -¼ (within 40 acres)
	25N	4E	31	SW	SW

Latitude Degrees	Latitude Time min	sec	Horizontal Collection Method
Longitude Degrees	Longitude Time min	sec	

4. Notice of Intent Number of well being decomissioned: RE09506 — Unique Well Tag Number of well being decomissioned (if applicable):
5. Well Type to Decommission: Resource Protection - $20.00 each — Revised Code: 027-WEL1**-02-87-000101 — How Many? 3
6. Estimated Decommission Start Date: 6/23/2014 12:00:0 — Project Name:
7. Professional's License Number:
8. Well Drilling Company Name: Not Yet Defined — Phone Number: None Supplied
9. Well Driller Name: KARIS VANDEHEY — Driller License Number: 3034
10. **Send the entire form.**

Please copy the notification number (located in the upper and lower right corners) and keep in a safe place. Use this reference number when communicating with the Department of Ecology.

Water Well :	$50.00
Soil Sampling, Dewatering, Environmental investigation wells:	No Fee
All other wells:	$20.00 each
Amount Enclosed $	$60

This notification number must be provided to your driller:

AE27376

karisv@g-logics.com

Your Notice of Intent has been processed as of 6/18/2014. Your Cash Journal Validation Number is: 461S1489. This message being sent at (6/18/2014)

Instructions

Item 1: Property owner's name, daytime phone number and mailing address.

Item 2: Agent - If the driller, consultant or other person is acting as your agent and is submitting the notification fee, please provide their name, mailing address and daytime phone number

Item 3: Complete county name and code number from drop down list. If the site street address is available, please fill in the complete address here. Include city and zip code. Please enter the tax parcel number if available. NOTE: Include all dashes and zeros. Please provide the Township, Range, Section, where the well is located. This information can be found in your property legal description or the County Assessor's Office

Item 4: Please enter the original construction notice of intent number if available.

Item 5: Type of well to decommission. Please note those wells that require a fee and those that do not.

Item 6: Enter the approximate decommissioning start date.

Item 7-11: This information should be available from your well driller.

For Assistance

Contact the Department of Ecology Regional Office where the well is located.

Benton, Chelan, Douglas, Kittitas, Klickitat, Okanogan, Yakima counties contact:

Central Regional Office (CRO) (509) 575-2490 TTY 711 and 1-800-833-6388

Adams, Asotin, Columbia, Ferry, Franklin, Garfield, Grant, Lincoln, Pend Oreille, Spokane, Stevens, Walla Walla, Whitman counties contact:

Eastern Regional Office (ERO) (509) 329-3400 TTY 711 and 1-800-833-6388

Island, King, Kitsap, San Juan, Skagit, Snohomish, Whatcom counties contact:

Northwest Regional Office (NWRO) (425) 649-7000 TTY 711 and 1-800-833-6388

Clallam, Clark, Cowlitz, Grays Harbor, Jefferson, Lewis, Mason, Pacific, Pierce, Skamania, Thurston, Wahkiakum counties contact:

Southwest Regional Office (SWRO) (360) 407-6300 TTY 711 and 1-800-833-6388

If you need this document in a format for the visually impaired, call Water Resources Program at 360-407-6872.
Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

DEPARTMENT OF ECOLOGY
State of Washington

RESOURCE PROTECTION DECOMMISSIONING WELL REPORT

Decommissioning Notice of Intent Number AIE270722 Construction Notice of Intent Number (if available) RE09374

Property Owner Last Name [illegible] First Name

Organization Name LENNAR MULTIFAMILY INVESTORS

Well Tag ID Number(s) (e.g., AAA001-AAA025) BIC-996

Well(s) Decommissioned **(You may enter more than 1 well if ALL wells have identical decommissioning information. If not, you MUST submit another NOI and well report(s))** 1

Variance Received? (Circle one) Yes (No)

Type of Well (Circle One ONLY):

Enviro Investigation | (Monitoring) | Observation | Piezometer | Spill Response | Remediation

Geotech Soil Boring | Grounding | Instrumentation | Vapor Extraction | Ground Source Heat Pump Boring

Decommission Start Date 9/9/14 **Decommission Completion Date** 9/9/14

Well Location Only (No Mailing Address, No PO Box, Cross Streets are ok)

Well Street Address 615 NW GILMAN BLVD.

Well City ISSAQUAH Well County KING Well Zip Code 98027

Tax Parcel Number

If claiming tax parcel exemption (Circle One) Tribal Federal Property Right of Way Railroad Land

NW	NE	~~NW~~	NE
SW	SE	SW	SE
NW	NE	NW	NE
SW	SE	SW	SE

"x" ¼, ¼ of well

Township 24 N Range 6 Circle One - (East) or West Section 28

Lattitude Decimal Degrees; Longitude West Decimal Degrees

Decommissioning INFORMATION – *YOUR WELL REPORT WILL BE RETURNED TO YOU IF NOT COMPLETED PROPERLY*; ATTACH ADDITIONAL SHEETS IF NEEDED

TYPE OF DECOMMISSIONING (You must Circle One) **Perforate Casing** Pull Casing (Seal in Place)

Diameter of Well 0 ft 2 in Depth of Well before decommissioning 13 ft 0 in

CASING INFORMATION (YOU MUST FILL THIS OUT)

Type (Circle One) Concrete (Plastic) Steel Other Diameter 2 inches Stickup 0 inches Depth 0 ft 2 in, TO 13 ft 0 in

Type (Circle One) Concrete Plastic Steel Other Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

If you chose decommission type "PERFORATE CASING" FILL OUT THIS BOX ALSO

Perforator Information

Type of Perforator (Circle One) Drill Mills Knife Saw cut Star Torch Cut Other_____ Perforation size_____in by_____in Total Perforations_____

Perforation 1 from_____ft _____in, TO _____ft _____inches **Perforation 2** from_____ft _____in, TO _____ft _____inches

Perforation 3 from_____ft _____in, TO _____ft _____inches **Perforation 4** from_____ft _____in, TO _____ft _____inches

Perforation 5 from_____ft _____in, TO _____ft _____inches **Perforation 6** from_____ft _____in, TO _____ft _____inches

Comments – Enter any other important well construction and/or location details here.

CERTIFICATION – I hereby certify that I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington Well construction standards. Materials used and the information reported within the Well Report are true to my best knowledge and belief.

(Circle One) Driller Trainee Engineer Name(Print) KARIS VANDEIHEY Drilling Company_____

Driller/Engineer/Trainee Signature [signature] Address 3307 36TH AVE NE

Driller/Trainee/PE License No. 3034 City, State, Zip OLYMPIA WA 98506

If TRAINEE, Mentor Driller License No._____ Phone Number 360-259-6666

Mentor Driller Signature_____ Email Address KARISV@Q-LOGICS.COM

DEPARTMENT OF ECOLOGY
State of Washington

RESOURCE PROTECTION DECOMMISSIONING WELL REPORT

Decommissioning Notice of Intent Number AE27072 Construction Notice of Intent Number (if available) RE09374

Property Owner Last Name _____ First Name _____

Organization Name LANARE MULTIFAMILY INVESTORS

Well Tag ID Number(s) (e.g., AAA001-AAA025) BIC-997

Well(s) Decommissioned **(You may enter more than 1 well if ALL wells have identical decommissioning information. If not, you MUST submit another NOI and well report(s))** 1

Variance Received? (Circle one) Yes (No)

Type of Well (Circle One ONLY):

Enviro Investigation (Monitoring) Observation Piezometer Spill Response Remediation

Geotech Soil Boring Grounding Instrumentation Vapor Extraction Ground Source Heat Pump Boring

Decommission Start Date 11/14/14 **Decommission Completion Date** 11/14/14

Well Location Only (No Mailing Address, No PO Box, Cross Streets are ok)

Well Street Address 615 NW GILMAN BLVD.

Well City ISSAQUAH Well County KING Well Zip Code 98027

Tax Parcel Number _____

If claiming tax parcel exemption (Circle One) Tribal Federal Property Right of Way Railroad Land

NW	NE	NW (X)	NE
SW	SE	SW	SE
NW	NE	NW	NE
SW	SE	SW	SE

"x" ¼, ¼ of well

Township 24 N Range 6 (Circle One East or West) Section 28

Lattitude _____ Decimal Degrees; Longitude _____ West Decimal Degrees

Decommissioning INFORMATION – *YOUR WELL REPORT WILL BE RETURNED TO YOU IF NOT COMPLETED PROPERLY*; ATTACH ADDITIONAL SHEETS IF NEEDED

TYPE OF DECOMMISSIONING (You must Circle One) **Perforate Casing** Pull Casing (Seal in Place)

Diameter of Well 0 ft 2 in Depth of Well before decommissioning 9 ft 0 in

CASING INFORMATION (YOU MUST FILL THIS OUT)

Type (Circle One) Concrete (Plastic) Steel Other _____ Diameter 2 inches Stickup 0 inches Depth 0 ft 2 in, TO 9 ft 0 in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

If you chose decommission type "PERFORATE CASING" FILL OUT THIS BOX ALSO

Perforator Information

Type of Perforator (Circle One) Drill Mills Knife Saw cut Star Torch Cut Other_____ Perforation size____in by____in Total Perforations_____

Perforation 1 from_____ft _____in, TO _____ft _____inches **Perforation 2** from_____ft _____in, TO _____ft _____inches

Perforation 3 from_____ft _____in, TO _____ft _____inches **Perforation 4** from_____ft _____in, TO _____ft _____inches

Perforation 5 from_____ft _____in, TO _____ft _____inches **Perforation 6** from_____ft _____in, TO _____ft _____inches

Comments – Enter any other important well construction and/or location details here.

CERTIFICATION – I hereby certify that I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington Well construction standards. Materials used and the information reported within the Well Report are true to my best knowledge and belief.

(Circle One) (Driller) **Trainee Engineer** Name(Print) KRAIG VANDEHEY Drilling Company_____

Driller/Engineer/Trainee Signature_____ Address 3307 36TH AVE NE

Driller/Trainee/PE License No. 3034 City, State, Zip OLYMPIA WA 98506

If TRAINEE, Mentor Driller License No._____ Phone Number 360-259-666666

Mentor Driller Signature_____ Email Address KRAIGV@Q-LOGIS.COM

DEPARTMENT OF ECOLOGY
State of Washington

RESOURCE PROTECTION DECOMMISSIONING WELL REPORT

Decommissioning Notice of Intent Number AE27072 Construction Notice of Intent Number (if available) RE09374

Property Owner Last Name LENNAR MULTIFAMILY INVESTORS First Name

Organization Name

Well Tag ID Number(s) (e.g., AAA001-AAA025) BIC-998

Well(s) Decommissioned **(You may enter more than 1 well if ALL wells have identical decommissioning information. If not, you MUST submit another NOI and well report(s))** 1

Variance Received? (Circle one) Yes (No)

Type of Well (Circle One ONLY):

Enviro Investigation (Monitoring) Observation Piezometer Spill Response Remediation

Geotech Soil Boring Grounding Instrumentation Vapor Extraction Ground Source Heat Pump Boring

Decommission Start Date 7/10/14 **Decommission Completion Date** 7/10/14

Well Location Only (No Mailing Address, No PO Box, Cross Streets are ok)

Well Street Address 615 NW GILMAN BLVD

Well City ISSAQUAH Well County KING Well Zip Code 98027

Tax Parcel Number

If claiming tax parcel exemption (Circle One) Tribal Federal Property Right of Way Railroad Land

NW	NE	NW (X)	NE
SW	SE	SW	SE
NW	NE	NW	NE
SW	SE	SW	SE

"x" ¼, ¼ of well

Township 24 N Range 6 Circle One - (East) or West Section 28

Lattitude Decimal Degrees; Longitude West Decimal Degrees

Decommissioning INFORMATION – *YOUR WELL REPORT WILL BE RETURNED TO YOU IF NOT COMPLETED PROPERLY*; ATTACH ADDITIONAL SHEETS IF NEEDED

TYPE OF DECOMMISSIONING (You must Circle One) **Perforate Casing** Pull Casing (Seal in Place) GROUT-WELL WILL BE EXCAVATED OUT @ TIME OF CONSTRUCTION

Diameter of Well — ft .75 in Depth of Well before decommissioning 12' ft 0 in

CASING INFORMATION (YOU MUST FILL THIS OUT)

Type (Circle One) Concrete (Plastic) Steel Other Diameter .75 inches Stickup 0 inches Depth 0 ft 2 in, TO 12 ft 0 in

Type (Circle One) Concrete Plastic Steel Other Diameter inches Stickup inches Depth ft in, TO ft in

Type (Circle One) Concrete Plastic Steel Other Diameter inches Stickup inches Depth ft in, TO ft in

Type (Circle One) Concrete Plastic Steel Other Diameter inches Stickup inches Depth ft in, TO ft in

Type (Circle One) Concrete Plastic Steel Other Diameter inches Stickup inches Depth ft in, TO ft in

If you chose decommission type "PERFORATE CASING" FILL OUT THIS BOX ALSO

Perforator Information

Type of Perforator (Circle One) Drill Mills Knife Saw cut Star Torch Cut Other_____ Perforation size_____in by_____in Total Perforations_____

Perforation 1 from_____ft _____in, TO _____ft _____inches **Perforation 2** from_____ft _____in, TO _____ft _____inches

Perforation 3 from_____ft _____in, TO _____ft _____inches **Perforation 4** from_____ft _____in, TO _____ft _____inches

Perforation 5 from_____ft _____in, TO _____ft _____inches **Perforation 6** from_____ft _____in, TO _____ft _____inches

Comments – Enter any other important well construction and/or location details here.

CERTIFICATION – I hereby certify that I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington Well construction standards. Materials used and the information reported within the Well Report are true to my best knowledge and belief.

(Circle One) **Driller** **Trainee** **Engineer** Name(Print) KAZIS VANDEHEY Drilling Company_____

Driller/Engineer/Trainee Signature_____ Address 3307 36TH AVE NE

Driller/Trainee/PE License No. 3034 City, State, Zip OLYMPIA WA 98506

If TRAINEE, Mentor Driller License No._____ Phone Number 360-259-6666

Mentor Driller Signature_____ Email Address KAZISV@G-LOGICS.COM

DEPARTMENT OF ECOLOGY
State of Washington

RESOURCE PROTECTION DECOMMISSIONING WELL REPORT

Decommissioning Notice of Intent Number AE27073 Construction Notice of Intent Number (if available) RE08571

Property Owner Last Name _____ First Name _____

Organization Name LENNAR MULTIFAMILY INVESTORS

Well Tag ID Number(s) (e.g., AAA001-AAA025) BHZ-782

Well(s) Decommissioned **(You may enter more than 1 well if ALL wells have identical decommissioning information. If not, you MUST submit another NOI and well report(s))** 1

Variance Received? (Circle one) Yes (No)

Type of Well (Circle One ONLY):

Enviro Investigation (Monitoring) Observation Piezometer Spill Response Remediation

Geotech Soil Boring Grounding Instrumentation Vapor Extraction Ground Source Heat Pump Boring

Decommission Start Date 9/9/14 **Decommission Completion Date** 9/9/14

Well Location Only (No Mailing Address, No PO Box, Cross Streets are ok)

Well Street Address 685 NW GILMAN BLVD.

Well City ISSAQUAH Well County KING Well Zip Code 98027

Tax Parcel Number _____

If claiming tax parcel exemption (Circle One) Tribal Federal Property Right of Way Railroad Land

NW	X	NW	NE
SW	SE	SW	SE
NW	NE	NW	NE
SW	SE	SW	SE

"x" ¼, ¼ of well

Township 24 N Range 6 Circle One - (East) or West Section 28

Lattitude _____ Decimal Degrees; Longitude _____ West Decimal Degrees

Decommissioning INFORMATION – *YOUR WELL REPORT WILL BE RETURNED TO YOU IF NOT COMPLETED PROPERLY*; ATTACH ADDITIONAL SHEETS IF NEEDED

TYPE OF DECOMMISSIONING (You must Circle One) **Perforate Casing** Pull Casing (Seal in Place)

Diameter of Well 0 ft 2 in Depth of Well before decommissioning 25 ft 0 in

CASING INFORMATION (YOU MUST FILL THIS OUT)

Type (Circle One) Concrete (Plastic) Steel Other _____ Diameter 2 inches Stickup 0 inches Depth 0 ft 2 in, TO 25 ft 0 in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

If you chose decommission type "PERFORATE CASING" FILL OUT THIS BOX ALSO

Perforator Information

Type of Perforator (Circle One) Drill Mills Knife Saw cut Star Torch Cut Other_____ Perforation size_____in by_____in Total Perforations_____

Perforation 1 from_____ft _____in, TO _____ft _____inches **Perforation 2** from_____ft _____in, TO _____ft _____inches

Perforation 3 from_____ft _____in, TO _____ft _____inches **Perforation 4** from_____ft _____in, TO _____ft _____inches

Perforation 5 from_____ft _____in, TO _____ft _____inches **Perforation 6** from_____ft _____in, TO _____ft _____inches

Comments – Enter any other important well construction and/or location details here.

CERTIFICATION – I hereby certify that I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington Well construction standards. Materials used and the information reported within the Well Report are true to my best knowledge and belief.

(Circle One) Driller Trainee Engineer Name(Print) KARIS VANDEHEY Drilling Company_____

Driller/Engineer/Trainee Signature_____ Address 3307 36TH AVE NE

Driller/Trainee/PE License No. 3034 City, State, Zip OLYMPIA WA 98506

If TRAINEE, Mentor Driller License No._____ Phone Number 360-259-66666

Mentor Driller Signature_____ Email Address KARISV@G-LOGICS.COM

DEPARTMENT OF ECOLOGY
State of Washington

RESOURCE PROTECTION DECOMMISSIONING WELL REPORT

Decommissioning Notice of Intent Number AE27074 Construction Notice of Intent Number (if available) R018027

Property Owner Last Name _____ First Name _____

Organization Name LENARR MULTIFAMILY INVESTORS

Well Tag ID Number(s) (e.g., AAA001-AAA025) N/A

Well(s) Decommissioned **(You may enter more than 1 well if ALL wells have identical decommissioning information. If not, you MUST submit another NOI and well report(s))** 1

Variance Received? (Circle one) Yes (No)

Type of Well (Circle One ONLY):

Enviro Investigation (Monitoring) Observation Piezometer Spill Response Remediation

Geotech Soil Boring Grounding Instrumentation Vapor Extraction Ground Source Heat Pump Boring

Decommission Start Date 9/9/14 **Decommission Completion Date** 9/9/14

Well Location Only (No Mailing Address, No PO Box, Cross Streets are ok)

Well Street Address 615 NW GILMAN BLVD

Well City ISSAQUAH Well County KING Well Zip Code 98027

Tax Parcel Number _____

If claiming tax parcel exemption (Circle One) Tribal Federal Property Right of Way Railroad Land

NW	X	NW	NE
SW	SE	SW	SE
NW	NE	NW	NE
SW	SE	SW	SE

"x" ¼, ¼ of well

Township 24 N Range 6 Circle One - (East) or West Section 28

Lattitude _____ Decimal Degrees; Longitude _____ West Decimal Degrees

Decommissioning INFORMATION – *YOUR WELL REPORT WILL BE RETURNED TO YOU IF NOT COMPLETED PROPERLY*; ATTACH ADDITIONAL SHEETS IF NEEDED

TYPE OF DECOMMISSIONING (You must Circle One) **Perforate Casing** Pull Casing **Seal in Place**

Diameter of Well 0 ft 2 in Depth of Well before decommissioning 9 ft 0 in

CASING INFORMATION (YOU MUST FILL THIS OUT)

Type (Circle One) Concrete (Plastic) Steel Other _____ Diameter 2 inches Stickup 0 inches Depth 0 ft 2 in, TO 9 ft 0 in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

If you chose decommission type "PERFORATE CASING" FILL OUT THIS BOX ALSO

Perforator Information

Type of Perforator (Circle One) Drill Mills Knife Saw cut Star Torch Cut Other_____ Perforation size_____in by_____in Total Perforations_____

Perforation 1 from_____ft _____in, TO _____ft _____inches **Perforation 2** from_____ft _____in, TO _____ft _____inches

Perforation 3 from_____ft _____in, TO _____ft _____inches **Perforation 4** from_____ft _____in, TO _____ft _____inches

Perforation 5 from_____ft _____in, TO _____ft _____inches **Perforation 6** from_____ft _____in, TO _____ft _____inches

Comments – Enter any other important well construction and/or location details here.

CERTIFICATION – I hereby certify that I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington Well construction standards. Materials used and the information reported within the Well Report are true to my best knowledge and belief.

(Circle One) Driller Trainee Engineer Name(Print) KARIS VANDEHEI Drilling Company_____

Driller/Engineer/Trainee Signature_____ Address 3307 36TH AVE NE

Driller/Trainee/PE License No. 3034 City, State, Zip OLYMPIA WA 98506

If TRAINEE, Mentor Driller License No._____ Phone Number 360-259-6666

Mentor Driller Signature_____ Email Address KARISV@G-LOGICS.COM

DEPARTMENT OF ECOLOGY
State of Washington

RESOURCE PROTECTION DECOMMISSIONING WELL REPORT

Decommissioning Notice of Intent Number AE27074 Construction Notice of Intent Number (if available) R018027

Property Owner Last Name _____ First Name _____

Organization Name LENNAR MULTIFAMILY INVESTORS

Well Tag ID Number(s) (e.g., AAA001-AAA025) N/A

Well(s) Decommissioned (You may enter more than 1 well if ALL wells have identical decommissioning information. If not, you MUST submit another NOI and well report(s)) 1

Variance Received? (Circle one) Yes (No)

Type of Well (Circle One ONLY):

Enviro Investigation (Monitoring) Observation Piezometer Spill Response Remediation

Geotech Soil Boring Grounding Instrumentation Vapor Extraction Ground Source Heat Pump Boring

Decommission Start Date 9/9/14 **Decommission Completion Date** 9/9/14

Well Location Only (No Mailing Address, No PO Box, Cross Streets are ok)

Well Street Address 615 NW GILMAN BLVD

Well City ISSAQUAH Well County KING Well Zip Code 98027

Tax Parcel Number _____

If claiming tax parcel exemption (Circle One) Tribal Federal Property Right of Way Railroad Land

NW	X	NW	NE
SW	SE	SW	SE
NW	NE	NW	NE
SW	SE	SW	SE

"x" ¼, ¼ of well

Township 24 N Range 6 Circle One - (East) or West Section 28

Lattitude _____ Decimal Degrees; Longitude _____ West Decimal Degrees

Decommissioning INFORMATION – *YOUR WELL REPORT WILL BE RETURNED TO YOU IF NOT COMPLETED PROPERLY*; ATTACH ADDITIONAL SHEETS IF NEEDED

TYPE OF DECOMMISSIONING (You must Circle One) Perforate Casing Pull Casing (Seal in Place)

Diameter of Well 0 ft 2 in Depth of Well before decommissioning 10 ft 0 in

CASING INFORMATION (YOU MUST FILL THIS OUT)

Type (Circle One) Concrete (Plastic) Steel Other _____ Diameter 2 inches Stickup 0 inches Depth 0 ft 2 in, TO 10 ft 0 in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

If you chose decommission type "PERFORATE CASING" FILL OUT THIS BOX ALSO

Perforator Information

Type of Perforator (Circle One) Drill Mills Knife Saw cut Star Torch Cut Other_____ Perforation size____in by____in Total Perforations_____

Perforation 1 from_____ft _____in, TO _____ft _____inches **Perforation 2** from_____ft _____in, TO _____ft _____inches

Perforation 3 from_____ft _____in, TO _____ft _____inches **Perforation 4** from_____ft _____in, TO _____ft _____inches

Perforation 5 from_____ft _____in, TO _____ft _____inches **Perforation 6** from_____ft _____in, TO _____ft _____inches

Comments – Enter any other important well construction and/or location details here.

CERTIFICATION – I hereby certify that I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington Well construction standards. Materials used and the information reported within the Well Report are true to my best knowledge and belief.

(Circle One) Driller Trainee Engineer Name(Print) KARIS VANDEHEI Drilling Company_____

Driller/Engineer/Trainee Signature_____ Address 3307 36TH AVE NE

Driller/Trainee/PE License No. 3034 City, State, Zip OLYMPIA WA 98506

If TRAINEE, Mentor Driller License No._____ Phone Number 360-259-66666

Mentor Driller Signature_____ Email Address KARISV@G-LOGICS.COM

DEPARTMENT OF ECOLOGY
State of Washington

RESOURCE PROTECTION DECOMMISSIONING WELL REPORT

Decommissioning Notice of Intent Number AE27074 Construction Notice of Intent Number (if available) R018027

Property Owner Last Name _____ First Name _____

Organization Name LENNAR MULTIFAMILY INVESTORS

Well Tag ID Number(s) (e.g., AAA001-AAA025) N/A

Well(s) Decommissioned **(You may enter more than 1 well if ALL wells have identical decommissioning information. If not, you MUST submit another NOI and well report(s))** 1

Variance Received? (Circle one) Yes (No)

Type of Well (Circle One ONLY):

Enviro Investigation (Monitoring) Observation Piezometer Spill Response Remediation

Geotech Soil Boring Grounding Instrumentation Vapor Extraction Ground Source Heat Pump Boring

Decommission Start Date 9/9/14 **Decommission Completion Date** 9/9/14

Well Location Only (No Mailing Address, No PO Box, Cross Streets are ok)

Well Street Address 615 NW GILMAN BLVD

Well City ISSAQUAH Well County KING Well Zip Code 98027

Tax Parcel Number _____

If claiming tax parcel exemption (Circle One) Tribal Federal Property Right of Way Railroad Land

NW	X	NW	NE
SW	SE	SW	SE
NW	NE	NW	NE
SW	SE	SW	SE

"x" ¼, ¼ of well

Township 24 N Range 6 Circle One - (East) or West Section 28

Lattitude _____ Decimal Degrees; Longitude _____ West Decimal Degrees

Decommissioning INFORMATION – *YOUR WELL REPORT WILL BE RETURNED TO YOU IF NOT COMPLETED PROPERLY*; ATTACH ADDITIONAL SHEETS IF NEEDED

TYPE OF DECOMMISSIONING (You must Circle One) Perforate Casing Pull Casing (Seal in Place)

Diameter of Well 0 ft 2 in Depth of Well before decommissioning 10 ft 0 in

CASING INFORMATION (YOU MUST FILL THIS OUT)

Type (Circle One) Concrete (Plastic) Steel Other _____ Diameter 2 inches Stickup 0 inches Depth 0 ft 2 in, TO 10 ft 0 in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

If you chose decommission type "PERFORATE CASING" FILL OUT THIS BOX ALSO

Perforator Information

Type of Perforator (Circle One) Drill Mills Knife Saw cut Star Torch Cut Other_____ Perforation size____in by____in Total Perforations_____

Perforation 1 from_____ft _____in, TO _____ft _____inches **Perforation 2** from_____ft _____in, TO _____ft _____inches

Perforation 3 from_____ft _____in, TO _____ft _____inches **Perforation 4** from_____ft _____in, TO _____ft _____inches

Perforation 5 from_____ft _____in, TO _____ft _____inches **Perforation 6** from_____ft _____in, TO _____ft _____inches

Comments – Enter any other important well construction and/or location details here.

CERTIFICATION – I hereby certify that I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington Well construction standards. Materials used and the information reported within the Well Report are true to my best knowledge and belief.

(Circle One) Driller Trainee Engineer Name(Print) KARIS VANDEHEI Drilling Company_____

Driller/Engineer/Trainee Signature_____ Address 3307 36TH AVE NE

Driller/Trainee/PE License No. 3034 City, State, Zip OLYMPIA WA 98506

If TRAINEE, Mentor Driller License No._____ Phone Number 360-259-6666

Mentor Driller Signature_____ Email Address KARISV@G-LOGICS.COM

DEPARTMENT OF ECOLOGY
State of Washington

RESOURCE PROTECTION DECOMMISSIONING WELL REPORT

Decommissioning Notice of Intent Number AE27374 Construction Notice of Intent Number (if available) RE08854

Property Owner Last Name _____ First Name _____

Organization Name GILMAN SQUARE LLC

Well Tag ID Number(s) (e.g., AAA001-AAA025) BHU-490

Well(s) Decommissioned (You may enter more than 1 well if ALL wells have identical decommissioning information. If not, you MUST submit another NOI and well report(s)) 1

Variance Received? (Circle one) Yes (No)

Type of Well (Circle One ONLY):

Enviro Investigation (Monitoring) Observation Piezometer Spill Response Remediation

Geotech Soil Boring Grounding Instrumentation Vapor Extraction Ground Source Heat Pump Boring

Decommission Start Date 9/9/14 **Decommission Completion Date** 9/9/14

Well Location Only (No Mailing Address, No PO Box, Cross Streets are ok)

Well Street Address 7TH AVE NW

Well City ISSAQUAH Well County KING Well Zip Code 98027

Tax Parcel Number _____

If claiming tax parcel exemption (Circle One) Tribal Federal Property Right of Way Railroad Land

NW	NE	NW	NE
SW	SE	SW	SE
NW	NE	NW	NE
~~SW~~	SE	SW	SE

"x" ¼, ¼ of well

Township 25 N Range 4 Circle One (East) or West Section 31

Lattitude _____ Decimal Degrees; Longitude _____ West Decimal Degrees

Decommissioning INFORMATION – *YOUR WELL REPORT WILL BE RETURNED TO YOU IF NOT COMPLETED PROPERLY*; ATTACH ADDITIONAL SHEETS IF NEEDED

TYPE OF DECOMMISSIONING (You must Circle One) **Perforate Casing** Pull Casing (Seal in Place)

Diameter of Well 0 ft 2 in Depth of Well before decommissioning 15 ft 0 in

CASING INFORMATION (YOU MUST FILL THIS OUT)

Type (Circle One) Concrete (Plastic) Steel Other _____ Diameter 2 inches Stickup 0 inches Depth 0 ft 2 in, TO 15 ft 0 in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

If you chose decommission type "PERFORATE CASING" FILL OUT THIS BOX ALSO

Perforator Information

Type of Perforator (Circle One) Drill Mills Knife Saw cut Star Torch Cut Other_____ Perforation size____in by____in Total Perforations_____

Perforation 1 from_____ft _____in, TO _____ft _____inches **Perforation 2** from_____ft _____in, TO _____ft _____inches

Perforation 3 from_____ft _____in, TO _____ft _____inches **Perforation 4** from_____ft _____in, TO _____ft _____inches

Perforation 5 from_____ft _____in, TO _____ft _____inches **Perforation 6** from_____ft _____in, TO _____ft _____inches

Comments – Enter any other important well construction and/or location details here.

CERTIFICATION – I hereby certify that I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington Well construction standards. Materials used and the information reported within the Well Report are true to my best knowledge and belief.

(Circle One) Driller Trainee Engineer Name(Print) KARIS VANDEHEY Drilling Company_____

Driller/Engineer/Trainee Signature_____ Address 3307 36TH AVE NE

Driller/Trainee/PE License No. 3034 City, State, Zip OLYMPIA WA 98506

If TRAINEE, Mentor Driller License No._____ Phone Number 360-259-6666

Mentor Driller Signature_____ Email Address KARISV@G-LOGICS.COM

DEPARTMENT OF ECOLOGY
State of Washington

RESOURCE PROTECTION DECOMMISSIONING WELL REPORT

Decommissioning Notice of Intent Number AE27374 Construction Notice of Intent Number (if available) RE08854

Property Owner Last Name _____ First Name _____

Organization Name GILMAN SQUARE LLC

Well Tag ID Number(s) (e.g., AAA001-AAA025) BHU-491

Well(s) Decommissioned **(You may enter more than 1 well if ALL wells have identical decommissioning information. If not, you MUST submit another NOI and well report(s))** 1

Variance Received? (Circle one) Yes (No)

Type of Well (Circle One ONLY):

Enviro Investigation (Monitoring) Observation Piezometer Spill Response Remediation

Geotech Soil Boring Grounding Instrumentation Vapor Extraction Ground Source Heat Pump Boring

Decommission Start Date 7/10/14 **Decommission Completion Date** 7/10/14

Well Location Only (No Mailing Address, No PO Box, Cross Streets are ok)

Well Street Address 685 NW GILMAN BLVD

Well City ISSAQUAH Well County KING Well Zip Code 98027

Tax Parcel Number _____

If claiming tax parcel exemption (Circle One) Tribal Federal Property Right of Way Railroad Land

NW	NE	NW	NE
SW	SE	SW	SE
NW	NE	NW	NE
SW	SE	SW	SE

"x" ¼, ¼ of well

Township 25 N Range 4 Circle One (East) or West Section 31

Lattitude _____ Decimal Degrees; Longitude _____ West Decimal Degrees

Decommissioning INFORMATION – *YOUR WELL REPORT WILL BE RETURNED TO YOU IF NOT COMPLETED PROPERLY*; ATTACH ADDITIONAL SHEETS IF NEEDED

TYPE OF DECOMMISSIONING (You must Circle One) **Perforate Casing** Pull Casing (Seal in Place) GROUT - WELL WILL BE EXCAVATED OUT @ TIME OF CONSTRUCTION

Diameter of Well 0 ft 1 in Depth of Well before decommissioning 9 ft 0 in

CASING INFORMATION (YOU MUST FILL THIS OUT)

Type (Circle One) Concrete (Plastic) Steel Other _____ Diameter 1 inches Stickup 0 inches Depth 0 ft 3 in, TO 9 ft 0 in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

If you chose decommission type "PERFORATE CASING" FILL OUT THIS BOX ALSO

Perforator Information

Type of Perforator (Circle One) Drill Mills Knife Saw cut Star Torch Cut Other_____ Perforation size_____in by_____in Total Perforations_____

Perforation 1 from_____ft _____in, TO _____ft _____inches **Perforation 2** from_____ft _____in, TO _____ft _____inches

Perforation 3 from_____ft _____in, TO _____ft _____inches **Perforation 4** from_____ft _____in, TO _____ft _____inches

Perforation 5 from_____ft _____in, TO _____ft _____inches **Perforation 6** from_____ft _____in, TO _____ft _____inches

Comments – Enter any other important well construction and/or location details here.

CERTIFICATION – I hereby certify that I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington Well construction standards. Materials used and the information reported within the Well Report are true to my best knowledge and belief.

(Circle One) (**Driller**) **Trainee Engineer** Name(~~Print~~) KARIS VANDEHEY Drilling Company_____

Driller/Engineer/Trainee Signature_____ Address 3307 36TH AVE NE

Driller/Trainee/PE License No. 3034 City, State, Zip OLYMPIA WA 98506

If TRAINEE, Mentor Driller License No._____ Phone Number 360-259-6666

Mentor Driller Signature_____ Email Address KARISV@G-LOGS.COM

DEPARTMENT OF ECOLOGY
State of Washington

RESOURCE PROTECTION DECOMMISSIONING WELL REPORT

Decommissioning Notice of Intent Number AE27374 Construction Notice of Intent Number (if available) RE08854

Property Owner Last Name _____ First Name _____

Organization Name GILMAN SQUARE LLC

Well Tag ID Number(s) (e.g., AAA001-AAA025) BHL-489

Well(s) Decommissioned **(You may enter more than 1 well if ALL wells have identical decommissioning information. If not, you MUST submit another NOI and well report(s))** 1

Variance Received? (Circle one) Yes (No)

Type of Well (Circle One ONLY):

Enviro Investigation (Monitoring) Observation Piezometer Spill Response Remediation

Geotech Soil Boring Grounding Instrumentation Vapor Extraction Ground Source Heat Pump Boring

Decommission Start Date 9/9/14 **Decommission Completion Date** 9/9/14

Well Location Only (No Mailing Address, No PO Box, Cross Streets are ok)

Well Street Address 7TH AVE NW

Well City ISSAQUAH Well County KING Well Zip Code 98027

Tax Parcel Number _____

If claiming tax parcel exemption (Circle One) Tribal Federal Property Right of Way Railroad Land

NW	NE	NW	NE
SW	SE	SW	SE
NW	NE	NW	NE
SW	SE	SW	SE

"x" ¼, ¼ of well

Township 25 N Range 4 Circle One (East) or West Section 31

Lattitude _____ Decimal Degrees; Longitude _____ West Decimal Degrees

Decommissioning INFORMATION – *YOUR WELL REPORT WILL BE RETURNED TO YOU IF NOT COMPLETED PROPERLY*; ATTACH ADDITIONAL SHEETS IF NEEDED

TYPE OF DECOMMISSIONING (You must Circle One) **Perforate Casing** Pull Casing (Seal in Place)

Diameter of Well 0 ft 2 in Depth of Well before decommissioning 14 ft 6 in

CASING INFORMATION (YOU MUST FILL THIS OUT)

Type (Circle One) Concrete (Plastic) Steel Other _____ Diameter 2 inches Stickup 0 inches Depth 0 ft 2 in, TO 14 ft 6 in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

If you chose decommission type "PERFORATE CASING" FILL OUT THIS BOX ALSO

Perforator Information

Type of Perforator (Circle One) Drill Mills Knife Saw cut Star Torch Cut Other_____ Perforation size____in by____in Total Perforations_____

Perforation 1 from_____ft _____in, TO _____ft _____inches **Perforation 2** from_____ft _____in, TO _____ft _____inches

Perforation 3 from_____ft _____in, TO _____ft _____inches **Perforation 4** from_____ft _____in, TO _____ft _____inches

Perforation 5 from_____ft _____in, TO _____ft _____inches **Perforation 6** from_____ft _____in, TO _____ft _____inches

Comments – Enter any other important well construction and/or location details here.

CERTIFICATION – I hereby certify that I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington Well construction standards. Materials used and the information reported within the Well Report are true to my best knowledge and belief.

(Circle One) **Driller** **Trainee** **Engineer** Name(Print) KARIS VANDEHEY Drilling Company_____

Driller/Engineer/Trainee Signature_____ Address 3307 36TH AVE NE

Driller/Trainee/PE License No. 3034 City, State, Zip OLYMPIA WA

If TRAINEE, Mentor Driller License No._____ Phone Number 360-259-6666

Mentor Driller Signature_____ Email Address KARISV@E-LOOFES.COM

DEPARTMENT OF ECOLOGY
State of Washington

RESOURCE PROTECTION DECOMMISSIONING WELL REPORT

Decommissioning Notice of Intent Number AE27376 Construction Notice of Intent Number (if available) RE09506

Property Owner Last Name _____ First Name _____

Organization Name GILMAN SQUARE LLC

Well Tag ID Number(s) (e.g., AAA001-AAA025) BHV-489

Well(s) Decommissioned **(You may enter more than 1 well if ALL wells have identical decommissioning information. If not, you MUST submit another NOI and well report(s))** 1

Variance Received? (Circle one) Yes (No)

Type of Well (Circle One ONLY):

Enviro Investigation (Monitoring) Observation Piezometer Spill Response Remediation

Geotech Soil Boring Grounding Instrumentation Vapor Extraction Ground Source Heat Pump Boring

Decommission Start Date 11/14/14 **Decommission Completion Date** 11/14/14

Well Location Only (No Mailing Address, No PO Box, Cross Streets are ok)

Well Street Address 615 NW GILMAN BLVD

Well City ISSAQUAH Well County KING Well Zip Code _____

Tax Parcel Number _____

If claiming tax parcel exemption (Circle One) Tribal Federal Property Right of Way Railroad Land

NW	NE	NW	NE
SW	SE	SW	SE
NW	NE	NW	NE
SW (X)	SE	SW	SE

"x" ¼, ¼ of well

Township 25 N Range 4 Circle One (East) or West Section 31

Lattitude _____ Decimal Degrees; Longitude _____ West Decimal Degrees

Decommissioning INFORMATION – *YOUR WELL REPORT WILL BE RETURNED TO YOU IF NOT COMPLETED PROPERLY*; ATTACH ADDITIONAL SHEETS IF NEEDED

TYPE OF DECOMMISSIONING (You must Circle One) **Perforate Casing** Pull Casing (Seal in Place) GROUT - WELL WILL BE EXCAVATED OUT @ TIME OF CONSTRUCTION

Diameter of Well – ft 1 in Depth of Well before decommissioning 11 ft 0 in

CASING INFORMATION (YOU MUST FILL THIS OUT)

Type (Circle One) Concrete (Plastic) Steel Other _____ Diameter 1 inches Stickup 0 inches Depth 0 ft 3 in, TO 11 ft 0 in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

If you chose decommission type "PERFORATE CASING" FILL OUT THIS BOX ALSO

Perforator Information

Type of Perforator (Circle One) Drill Mills Knife Saw cut Star Torch Cut Other_____ Perforation size_____in by_____in Total Perforations_____

Perforation 1 from_____ft _____in, TO _____ft _____inches **Perforation 2** from_____ft _____in, TO _____ft _____inches

Perforation 3 from_____ft _____in, TO _____ft _____inches **Perforation 4** from_____ft _____in, TO _____ft _____inches

Perforation 5 from_____ft _____in, TO _____ft _____inches **Perforation 6** from_____ft _____in, TO _____ft _____inches

Comments – Enter any other important well construction and/or location details here.

CERTIFICATION – I hereby certify that I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington Well construction standards. Materials used and the information reported within the Well Report are true to my best knowledge and belief.

(Circle One) (Driller) **Trainee Engineer** Name(Print) KARIS VANDEHEY Drilling Company_____

Driller/Engineer/Trainee Signature [signature] Address 3307 36TH AVE NE ~~Oly~~

Driller/Trainee/PE License No. 3034 City, State, Zip OLYMPIA WA 98506

If TRAINEE, Mentor Driller License No._____ Phone Number 360-259-6666

Mentor Driller Signature_____ Email Address KARISV@G-LOGICS.COM

DEPARTMENT OF ECOLOGY
State of Washington

RESOURCE PROTECTION DECOMMISSIONING WELL REPORT

Decommissioning Notice of Intent Number AE27376 Construction Notice of Intent Number (if available) RE095D6

Property Owner Last Name _____ First Name _____

Organization Name GILMAN SQUARE LLC

Well Tag ID Number(s) (e.g., AAA001-AAA025) BHV-490

Well(s) Decommissioned **(You may enter more than 1 well if ALL wells have identical decommissioning information. If not, you MUST submit another NOI and well report(s))** 1

Variance Received? (Circle one) Yes (No)

Type of Well (Circle One ONLY):

Enviro Investigation (Monitoring) Observation Piezometer Spill Response Remediation

Geotech Soil Boring Grounding Instrumentation Vapor Extraction Ground Source Heat Pump Boring

Decommission Start Date 10/29/14 **Decommission Completion Date** 10/29/14

Well Location Only (No Mailing Address, No PO Box, Cross Streets are ok)

Well Street Address 615 NW GILMAN BLVD

Well City ISSAQUAH Well County KING Well Zip Code _____

Tax Parcel Number _____

If claiming tax parcel exemption (Circle One) Tribal Federal Property Right of Way Railroad Land

NW	NE	NW	NE
SW	SE	SW	SE
NW	NE	NW	NE
SW (X)	SE	SW	SE

"x" ¼, ¼ of well

Township 25 N Range 4 Circle One (East) or West Section 31

Lattitude _____ Decimal Degrees; Longitude _____ West Decimal Degrees

Decommissioning INFORMATION – *YOUR WELL REPORT WILL BE RETURNED TO YOU IF NOT COMPLETED PROPERLY*; ATTACH ADDITIONAL SHEETS IF NEEDED

TYPE OF DECOMMISSIONING (You must Circle One) **Perforate Casing** Pull Casing (Seal in Place) GRAVEL - WELL WILL BE EXCAVATED OUT @ TIME OF CONSTRUCTION

Diameter of Well — ft 1 in Depth of Well before decommissioning 12 ft 0 in

CASING INFORMATION (YOU MUST FILL THIS OUT)

Type (Circle One) Concrete (Plastic) Steel Other _____ Diameter 1 inches Stickup 0 inches Depth 0 ft 3 in, TO 12 ft 0 in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

Type (Circle One) Concrete Plastic Steel Other _____ Diameter ____ inches Stickup ____ inches Depth ____ ft ____ in, TO ____ ft ____ in

If you chose decommission type "PERFORATE CASING" FILL OUT THIS BOX ALSO

Perforator Information

Type of Perforator (Circle One) Drill Mills Knife Saw cut Star Torch Cut Other_____ Perforation size_____in by_____in Total Perforations_____

Perforation 1 from_____ft _____in, TO _____ft _____inches **Perforation 2** from_____ft _____in, TO _____ft _____inches

Perforation 3 from_____ft _____in, TO _____ft _____inches **Perforation 4** from_____ft _____in, TO _____ft _____inches

Perforation 5 from_____ft _____in, TO _____ft _____inches **Perforation 6** from_____ft _____in, TO _____ft _____inches

Comments – Enter any other important well construction and/or location details here.

CERTIFICATION – I hereby certify that I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington Well construction standards. Materials used and the information reported within the Well Report are true to my best knowledge and belief.

(Circle One) Driller **Trainee Engineer** Name(Print) KARIS VANDEITEY Drilling Company_____

Driller/Engineer/Trainee Signature_____ Address 3307 36TH AVE NE

Driller/Trainee/PE License No. 3034 City, State, Zip OLYMPIA WA 98506

If TRAINEE, Mentor Driller License No._____ Phone Number 360-259-6666

Mentor Driller Signature_____ Email Address KMAIVE@LOBSC.COM

DEPARTMENT OF ECOLOGY
State of Washington

RESOURCE PROTECTION DECOMMISSIONING WELL REPORT

Decommissioning Notice of Intent Number AE273776 Construction Notice of Intent Number (if available) RE09506

Property Owner Last Name GILMAN SQUARE LLC First Name

Organization Name

Well Tag ID Number(s) (e.g., AAA001-AAA025) BHV-491

Well(s) Decommissioned **(You may enter more than 1 well if ALL wells have identical decommissioning information. If not, you MUST submit another NOI and well report(s))** 1

Variance Received? (Circle one) Yes (No)

Type of Well (Circle One ONLY):

Enviro Investigation (Monitoring) Observation Piezometer Spill Response Remediation

Geotech Soil Boring Grounding Instrumentation Vapor Extraction Ground Source Heat Pump Boring

Decommission Start Date 9/17/14 **Decommission Completion Date** 9/17/14

Well Location Only (No Mailing Address, No PO Box, Cross Streets are ok)

Well Street Address 615 NW GILMAN BLVD.

Well City ISSAQUAH Well County KING Well Zip Code

Tax Parcel Number

If claiming tax parcel exemption (Circle One) Tribal Federal Property Right of Way Railroad Land

NW	NE	NW	NE
SW	SE	SW	SE
NW	NE	NW	NE
~~SW~~	SE	SW	SE

"x" ¼, ¼ of well

Township 25 N Range 4 Circle One (East) or West Section 31

Lattitude Decimal Degrees; Longitude West Decimal Degrees

Decommissioning INFORMATION – *YOUR WELL REPORT WILL BE RETURNED TO YOU IF NOT COMPLETED PROPERLY*; ATTACH ADDITIONAL SHEETS IF NEEDED

TYPE OF DECOMMISSIONING (You must Circle One) **Perforate Casing** Pull Casing (Seal in Place) GROUT - WELL WILL BE EXCAVATED OUT @ TIME OF CONSTRUCTION

Diameter of Well — ft .75 in Depth of Well before decommissioning 13 ft 0 in

CASING INFORMATION (YOU MUST FILL THIS OUT)

Type (Circle One) Concrete (Plastic) Steel Other Diameter .75 inches Stickup 0 inches Depth 0 ft 3 in, TO 13 ft 0 in

Type (Circle One) Concrete Plastic Steel Other Diameter inches Stickup inches Depth ft in, TO ft in

Type (Circle One) Concrete Plastic Steel Other Diameter inches Stickup inches Depth ft in, TO ft in

Type (Circle One) Concrete Plastic Steel Other Diameter inches Stickup inches Depth ft in, TO ft in

Type (Circle One) Concrete Plastic Steel Other Diameter inches Stickup inches Depth ft in, TO ft in

If you chose decommission type "PERFORATE CASING" FILL OUT THIS BOX ALSO

Perforator Information

Type of Perforator (Circle One) Drill Mills Knife Saw cut Star Torch Cut Other_____ Perforation size_____in by_____in Total Perforations_____

Perforation 1 from_____ft _____in, TO _____ft _____inches **Perforation 2** from_____ft _____in, TO _____ft _____inches

Perforation 3 from_____ft _____in, TO _____ft _____inches **Perforation 4** from_____ft _____in, TO _____ft _____inches

Perforation 5 from_____ft _____in, TO _____ft _____inches **Perforation 6** from_____ft _____in, TO _____ft _____inches

Comments – Enter any other important well construction and/or location details here.

CERTIFICATION – I hereby certify that I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington Well construction standards. Materials used and the information reported within the Well Report are true to my best knowledge and belief.

(Circle One) Driller Trainee Engineer Name(Print) KARIS VANDEHEY Drilling Company_____

Driller/Engineer/Trainee Signature_____ Address 3307 36TH AVE NE

Driller/Trainee/PE License No. 3034 City, State, Zip OLYMPIA WA 98506

If TRAINEE, Mentor Driller License No._____ Phone Number 360-259-6666

Mentor Driller Signature_____ Email Address KARIS@G-LOGICS.COM

APPENDIX G

Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

September 25, 2014

Stuart Hyde
G-Logics
40 2nd Avenue SE
Issaquah, WA 98027

Dear Mr. Hyde:

Please find enclosed the analytical data report for the Gilmore Square Project located in Issaquah, Washington. Soil and water samples were analyzed for Volatile Organic Compounds by EPA Method 8260C on September 22 & 23, 2014.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. All soil samples are reported on a dry weight basis. An invoice for this analytical work has been emailed.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Jamie L. Deyman
President
Libby Environmental, Inc.

Phone (360) 352-2110 • Fax (360) 352-4154 • libbyenv@aol.com

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 9/22/14 Page: 1 of 1

Client: G-Logics
Project Manager: Stuart Hyde
Address: 40 2nd Ave SE
Project Name: Gilman Square
City: Issaquah State: WA Zip: 98027
Location: 675 NW Gilman Blvd City, State: Issaquah, WA
Phone: 425-391-6874 ~~Fax~~ Cell 804-837-5205
Collector: SHyde Date of Collection: 9/22/14
Client Project # 01-0868-I
Email: stuarth@g-logics.com

	Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260 Oil - Soil only	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	NWTPH-Dx Ext.	PAH 8270	PCB's 8082	MTCA 5 Metals		Field Notes
1	GL-TP-7-0.5'	0.5'	08:40	Soil	4oz VOA			X										3
2	GL-TP-8-0.5'	0.5'	08:55	"	"			X										
3	NSW-1-4'	4'	1005					X										
4	WSW-1-4'	4'	1005					X										
5	B-1-7'	7'	1050					X										
6	NSW-2-3'	3'	1145					X										
7	B-2-6'	6'	1225					X										
8	WSW-2-4'	4'	1240					X										
9	~~NSW-3-4'~~	4'	1250					X										Name = ESW-1-4'
10	NSW-4-2'	2'	1250					X										
11	WSW-3-4.5'	4.5'	1430					X										
12	NSW-5-3'	3'	1435					X										
13	WSW-4-5'	5'	1530					X										
14	ESW-2-3'	3'	1530					X										
15																		
16																		
17																		

Relinquished by:	Date / Time	Received by:	Date / Time
SHyde	9/22/14	SHyde LWA	9-22-14
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt:	
Good Condition?	
Cold?	
Seals Intact?	
Total Number of Containers	

Remarks:

ML

TAT: 24HR 48HR 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 9-23-14 Page: 1 of 1

Client: G-Logics

Project Manager: Stuart Hyde

Address: 40 2nd Ave SE

Project Name: Gilman Square

City: Issaquah State: WA Zip: 98027

Location: 675 NW Gilman Blvd City, State: Issaquah, WA

Phone: 425-391-6874 Fax: Cell 804-837-5205

Collector: S Hyde Date of Collection: 9-23-14

Client Project # 01-0868-5

Email: Stuartlt@g-Logics.com

	Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	NWTPH-Dx Ext.	PAH 8270	PCB's 8082	MTCA 5 Metals			Field Notes
1	~~WSW~~ WSW-5-5'	~~5~~ 5'	~~0750~~	S	40z VOA			X											3
2	B-3-6'	6'	0800	S				X											
3	NSW-3-5'	5'	0915	S				X											
4	WSW-6-5.5'	5.5'	0920	S				X											
5	B-4-6'	6'	0920	S				X											
6	SSW-1-4.5'	4.5'	1015					X											
7	SSW-2-2'	2'	1115					X											
8	SSW-4-5'	5'	1115					X											
9	SSW-3-5'	5'	1120					X											
10	ESW-3-4'	4'	1120					X											
11	WSW-7-4'	4'	1330					X											
12	B-5-6'	6'	1335					X											
13	B-6-6'	6'	1340					X											
14	B-7-6'	6'	1345					X											
15	Exc.-GW		1350	H_2O	3 VOAs			X											
16																			
17																			

Relinquished by:	Date / Time	Received by:	Date / Time
S Hyde	9/23/14 1405	[signature]	9-23-14 1405
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt:

Good Condition?	
Cold?	
Seals Intact?	
Total Number of Containers	

Remarks:

ML

TAT: 24HR 48HR 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a cout of law.*

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 9-23-14 Page: 1 of 1

Client: G-Logics
Address: 40 2nd Ave SE
City: Issaquah State: WA Zip: 98027
Phone: 425-391-6874 Fax:
Client Project # 01-0868-5

Project Manager: Stuart Hyde
Project Name: Gilman Square
Location: 675 NW Gilman Blvd City, State: Issaquah WA
Collector: S Hyde Date of Collection: 9-23-14
Email:

	Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260 (Q-VOA)	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	NWTPH-Dx Ext.	PAH 8270	PCB's 8082	MTCA 5 Metals		Field Notes
1	Baker tank 923			W	40ml VOA			X										3
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		

Relinquished by:	Date / Time	Received by:	Date / Time
[signature]	9/23/14 1410	[signature]	9-23-14 1000
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt:

Good Condition?	
Cold?	
Seals Intact?	
Total Number of Containers	

Remarks:

Rush

TAT: 24HR 48HR 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

GILMAN SQUARE PROJECT
G-Logics, Inc.
Issaquah, Washington
Libby Project # L140922-40
Client Project # 01-0868-J

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description		Method Blank	GL-TP-7-0.5'	GL-TP-7-0.5' Dup	GL-TP-8-0.5'	NSW-1-4'	WSW-1-4'
Date Sampled	Reporting	N/A	9/22/14	9/22/14	9/22/14	9/22/14	9/22/14
Date Analyzed	Limits	9/22/14	9/22/14	9/22/14	9/22/14	9/22/14	9/22/14
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Chloromethane	0.06	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
Chloroethane	0.06	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
trans -1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.02	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd	nd
Chloroform	0.02	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.02	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	0.03	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	0.02	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	0.02	nd	nd	nd	nd	nd	nd
cis-1,3-Dichloropropene	0.02	nd	nd	nd	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.02	nd	nd	nd	nd	nd	0.022
2-Chlorotoluene	0.02	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	0.02	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	0.03	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	0.03	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	0.03	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		102	92	99	106	103	104
1,2-Dichloroethane-d4		126	97	114	131	124	132
Toluene-d8		94	97	91	91	95	97
4-Bromofluorobenzene		101	91	99	104	101	99

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

GILMAN SQUARE PROJECT
G-Logics, Inc.
Issaquah, Washington
Libby Project # L140922-40
Client Project # 01-0868-J

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description		B-1-7'	NSW-2-3'	B-2-6'	WSW-2-4'	ESW-1-4'	NSW-4-2'
Date Sampled	Reporting	9/22/14	9/22/14	9/22/14	9/22/14	9/22/14	9/22/14
Date Analyzed	Limits	9/22/14	9/22/14	9/22/14	9/22/14	9/22/14	9/22/14
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Chloromethane	0.06	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
Chloroethane	0.06	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
trans -1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.02	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd	nd
Chloroform	0.02	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.02	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	0.03	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	0.02	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	0.02	nd	nd	nd	nd	nd	nd
cis-1,3-Dichloropropene	0.02	nd	nd	nd	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.02	nd	nd	nd	0.082	nd	nd
2-Chlorotoluene	0.02	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	0.02	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	0.03	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	0.03	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	0.03	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		107	103	101	106	106	102
1,2-Dichloroethane-d4		128	122	114	131	131	131
Toluene-d8		93	88	89	96	95	95
4-Bromofluorobenzene		102	98	97	104	104	105

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

GILMAN SQUARE PROJECT
G-Logics, Inc.
Issaquah, Washington
Libby Project # L140922-40
Client Project # 01-0868-J

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description		WSW-3-4.5'	NSW-5-3'	WSW-4-5'	ESW-2-3'
Date Sampled	Reporting	9/22/14	9/22/14	9/22/14	9/22/14
Date Analyzed	Limits	9/22/14	9/22/14	9/22/14	9/22/14
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Chloromethane	0.06	nd	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd	nd
Chloroethane	0.06	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd
trans -1,2-Dichloroethene	0.02	nd	nd	nd	nd
1,1-Dichloroethane	0.02	nd	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.02	nd	nd	nd	nd
Chloroform	0.02	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.02	nd	nd	nd	nd
Carbon tetrachloride	0.03	nd	nd	nd	nd
1,1-Dichloropropene	0.02	nd	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd
1,2-Dichloropropane	0.02	nd	nd	nd	nd
cis-1,3-Dichloropropene	0.02	nd	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.02	nd	nd	0.059	nd
2-Chlorotoluene	0.02	nd	nd	nd	nd
4-Chlorotoluene	0.02	nd	nd	nd	nd
1,3-Dichlorobenzene	0.03	nd	nd	nd	nd
1,4-Dichlorobenzene	0.03	nd	nd	nd	nd
1,2-Dichlorobenzene	0.03	nd	nd	nd	nd
Surrogate Recovery					
Dibromofluoromethane		108	102	101	105
1,2-Dichloroethane-d4		134	122	120	117
Toluene-d8		94	93	89	91
4-Bromofluorobenzene		105	98	100	99

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

GILMAN SQUARE PROJECT
G-Logics, Inc.
Issaquah, Washington
Libby Project # L140922-40
Client Project # 01-0868-J

QA/QC Data - EPA 8260C Analyses

Sample Identification: WSW-3-4.5'							
	Matrix Spike			Matrix Spike Duplicate			RPD
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	
1,1-Dichloroethene	0.50	0.41	82	0.50	0.43	86	4.8
Chlorobenzene	0.50	0.43	86	0.50	0.43	86	0.0
Trichloroethene (TCE)	0.50	0.47	94	0.50	0.54	108	13.9
Surrogate Recovery							
Dibromofluoromethane			108			109	
1,2-Dichloroethane-d4			127			126	
Toluene-d8			92			95	
4-Bromofluorobenzene			104			96	

Laboratory Control Sample			
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
1,1-Dichloroethene	0.50	0.45	90
Chlorobenzene	0.50	0.46	92
Trichloroethene (TCE)	0.50	0.50	100
Surrogate Recovery			
Dibromofluoromethane			103
1,2-Dichloroethane-d4			118
Toluene-d8			95
4-Bromofluorobenzene			98

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
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Email: libbyenv@aol.com

GILMAN SQUARE PROJECT
G-Logics, Inc.
Issaquah, Washington
Libby Project # L140922-40
Client Project # 01-0868-J

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description		Method Blank	WSW-5-5'	WSW-5-5' Dup	B-3-6'	NSW-3-5'	WSW-6-5.5'
Date Sampled	Reporting	N/A	9/23/14	9/23/14	9/23/14	9/23/14	9/23/14
Date Analyzed	Limits	9/23/14	9/23/14	9/23/14	9/23/14	9/23/14	9/23/14
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Chloromethane	0.06	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
Chloroethane	0.06	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
trans -1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.02	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd	nd
Chloroform	0.02	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.02	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	0.03	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	0.02	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	0.02	nd	nd	nd	nd	nd	nd
cis-1,3-Dichloropropene	0.02	nd	nd	nd	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.02	nd	nd	nd	nd	nd	nd
2-Chlorotoluene	0.02	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	0.02	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	0.03	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	0.03	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	0.03	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		107	94	100	97	99	99
1,2-Dichloroethane-d4		132	104	128	120	125	133
Toluene-d8		91	92	88	91	79	81
4-Bromofluorobenzene		97	89	93	86	91	94

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
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GILMAN SQUARE PROJECT
G-Logics, Inc.
Issaquah, Washington
Libby Project # L140922-40
Client Project # 01-0868-J

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description		B-4-6'	SSW-1-4.5'	SSW-2-2'	SSW-4-5'	SSW-3-5'	ESW-3-4'
Date Sampled	Reporting	9/23/14	9/23/14	9/23/14	9/23/14	9/23/14	9/23/14
Date Analyzed	Limits	9/23/14	9/23/14	9/23/14	9/23/14	9/23/14	9/23/14
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Chloromethane	0.06	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
Chloroethane	0.06	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
trans -1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.02	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd	nd
Chloroform	0.02	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.02	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	0.03	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	0.02	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	0.02	nd	nd	nd	nd	nd	nd
cis-1,3-Dichloropropene	0.02	nd	nd	nd	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.02	nd	nd	nd	nd	nd	nd
2-Chlorotoluene	0.02	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	0.02	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	0.03	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	0.03	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	0.03	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		96	95	99	95	98	99
1,2-Dichloroethane-d4		123	111	128	114	122	127
Toluene-d8		90	81	77	79	89	88
4-Bromofluorobenzene		88	93	94	94	93	94

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

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GILMAN SQUARE PROJECT
G-Logics, Inc.
Issaquah, Washington
Libby Project # L140922-40
Client Project # 01-0868-J

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description		WSW-7-4'	B-5-6'	B-6-6'	B-7-6'
Date Sampled	Reporting	9/23/14	9/23/14	9/23/14	9/23/14
Date Analyzed	Limits	9/23/14	9/23/14	9/23/14	9/23/14
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Chloromethane	0.06	nd	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd	nd
Chloroethane	0.06	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd
trans -1,2-Dichloroethene	0.02	nd	nd	nd	nd
1,1-Dichloroethane	0.02	nd	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.02	nd	nd	nd	nd
Chloroform	0.02	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.02	nd	nd	nd	nd
Carbon tetrachloride	0.03	nd	nd	nd	nd
1,1-Dichloropropene	0.02	nd	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd
1,2-Dichloropropane	0.02	nd	nd	nd	nd
cis-1,3-Dichloropropene	0.02	nd	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.02	nd	nd	nd	nd
2-Chlorotoluene	0.02	nd	nd	nd	nd
4-Chlorotoluene	0.02	nd	nd	nd	nd
1,3-Dichlorobenzene	0.03	nd	nd	nd	nd
1,4-Dichlorobenzene	0.03	nd	nd	nd	nd
1,2-Dichlorobenzene	0.03	nd	nd	nd	nd
Surrogate Recovery					
Dibromofluoromethane		98	94	92	98
1,2-Dichloroethane-d4		121	118	116	108
Toluene-d8		81	77	90	90
4-Bromofluorobenzene		94	90	90	76

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

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GILMAN SQUARE PROJECT
G-Logics, Inc.
Issaquah, Washington
Libby Project # L140922-40
Client Project # 01-0868-J

QA/QC Data - EPA 8260C Analyses

Sample Identification: B-7-6'	Matrix Spike			Matrix Spike Duplicate			RPD
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	
1,1-Dichloroethene	0.50	0.39	78	0.50	0.36	72	8.0
Chlorobenzene	0.50	0.45	90	0.50	0.45	90	0.0
Trichloroethene (TCE)	0.50	0.51	102	0.50	0.47	94	8.2
Surrogate Recovery							
Dibromofluoromethane			116			96	
1,2-Dichloroethane-d4			135			104	
Toluene-d8			97			91	
4-Bromofluorobenzene			93			93	

Laboratory Control Sample			
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
1,1-Dichloroethene	0.50	0.37	74
Chlorobenzene	0.50	0.43	86
Trichloroethene (TCE)	0.50	0.43	86
Surrogate Recovery			
Dibromofluoromethane			103
1,2-Dichloroethane-d4			128
Toluene-d8			89
4-Bromofluorobenzene			100

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

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GILMAN SQUARE PROJECT
G-Logics, Inc.
Issaquah, Washington
Libby Project # L140922-40
Client Project # 01-0868-J

Volatile Aromatic Compounds by EPA Method 8260C in Water

Sample Description		Method Blank	Exc.-GW
Date Sampled	Reporting	N/A	9/23/14
Date Analyzed	Limits	9/23/14	9/23/14
	(µg/l)	(µg/l)	(µg/l)
Chloromethane	2.0	nd	nd
Vinyl chloride	0.2	nd	20.1
Chloroethane	2.0	nd	nd
1,1-Dichloroethene	2.0	nd	nd
trans -1,2-Dichloroethene	1.0	nd	1.2
1,1-Dichloroethane	1.0	nd	nd
2,2-Dichloropropane	2.0	nd	nd
cis -1,2-Dichloroethene	1.0	nd	205
Chloroform	1.0	nd	nd
1,1,1-Trichloroethane (TCA)	1.0	nd	nd
Carbon tetrachloride	1.0	nd	nd
1,1-Dichloropropene	1.0	nd	nd
1,2-Dichloroethane (EDC)	1.0	nd	nd
Trichloroethene (TCE)	1.0	nd	97.5
1,2-Dichloropropane	1.0	nd	nd
cis-1,3-Dichloropropene	1.0	nd	nd
Trans-1,3-Dichloropropene	1.0	nd	nd
1,1,2-Trichloroethane	1.0	nd	nd
Tetrachloroethene (PCE)	1.0	nd	89.9
2-Chlorotoluene	1.0	nd	nd
4-Chlorotoluene	1.0	nd	nd
1,3-Dichlorobenzene	1.0	nd	nd
1,4-Dichlorobenzene	1.0	nd	nd
1,2-Dichlorobenzene	1.0	nd	nd
Surrogate Recovery			
Dibromofluoromethane		107	101
1,2-Dichloroethane-d4		132	125
Toluene-d8		91	89
4-Bromofluorobenzene		97	89

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%
ANALYSES PERFORMED BY: Sherry Chilcutt

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GILMAN SQUARE PROJECT
G-Logics, Inc.
Issaquah, Washington
Libby Project # L140922-40
Client Project # 01-0868-J

QA/QC Data - EPA 8260C Analyses

Sample Identification: L140923-40	Matrix Spike			Matrix Spike Duplicate			RPD
	Spiked Conc. (µg/l)	Measured Conc. (µg/l)	Spike Recovery (%)	Spiked Conc. (µg/l)	Measured Conc. (µg/l)	Spike Recovery (%)	
1,1-Dichloroethene	10	8.6	86	10	8.5	85	1.2
Chlorobenzene	10	7.7	77	10	8.5	85	9.9
Trichloroethene (TCE)	10	9.1	91	10	9.3	93	2.2
Surrogate Recovery							
Dibromofluoromethane			111			103	
1,2-Dichloroethane-d4			133			122	
Toluene-d8			90			79	
4-Bromofluorobenzene			91			92	

Laboratory Control Sample			
	Spiked Conc. (µg/l)	Measured Conc. (µg/l)	Spike Recovery (%)
1,1-Dichloroethene	10	7.4	74
Chlorobenzene	10	8.5	85
Trichloroethene (TCE)	10	8.6	86
Surrogate Recovery			
Dibromofluoromethane			103
1,2-Dichloroethane-d4			128
Toluene-d8			89
4-Bromofluorobenzene			100

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

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GILMAN SQUARE PROJECT
G-Logics, Inc.
Issaquah, Washington
Libby Project # L140922-40
Client Project # 01-0868-J

Volatile Aromatic Compounds by EPA Method 8260C in Water

Sample Description		Method Blank	Baker Tank 923	Baker Tank 923 Dup
Date Sampled	Reporting	N/A	9/23/14	9/23/14
Date Analyzed	Limits	9/23/14	9/23/14	9/23/14
	(µg/l)	(µg/l)	(µg/l)	(µg/l)
Chloromethane	2.0	nd	nd	nd
Vinyl chloride	0.2	nd	nd	nd
Chloroethane	2.0	nd	nd	nd
1,1-Dichloroethene	2.0	nd	nd	nd
trans -1,2-Dichloroethene	1.0	nd	nd	nd
1,1-Dichloroethane	1.0	nd	nd	nd
2,2-Dichloropropane	2.0	nd	nd	nd
cis -1,2-Dichloroethene	1.0	nd	nd	nd
Chloroform	1.0	nd	nd	nd
1,1,1-Trichloroethane (TCA)	1.0	nd	nd	nd
Carbon tetrachloride	1.0	nd	nd	nd
1,1-Dichloropropene	1.0	nd	nd	nd
1,2-Dichloroethane (EDC)	1.0	nd	nd	nd
Trichloroethene (TCE)	1.0	nd	nd	nd
1,2-Dichloropropane	1.0	nd	nd	nd
cis-1,3-Dichloropropene	1.0	nd	nd	nd
Trans-1,3-Dichloropropene	1.0	nd	nd	nd
1,1,2-Trichloroethane	1.0	nd	nd	nd
Tetrachloroethene (PCE)	1.0	nd	nd	nd
2-Chlorotoluene	1.0	nd	nd	nd
4-Chlorotoluene	1.0	nd	nd	nd
1,3-Dichlorobenzene	1.0	nd	nd	nd
1,4-Dichlorobenzene	1.0	nd	nd	nd
1,2-Dichlorobenzene	1.0	nd	nd	nd
Surrogate Recovery				
Dibromofluoromethane		107	107	97
1,2-Dichloroethane-d4		132	128	125
Toluene-d8		91	89	90
4-Bromofluorobenzene		97	84	93

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%
ANALYSES PERFORMED BY: Sherry Chilcutt

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GILMAN SQUARE PROJECT
G-Logics, Inc.
Issaquah, Washington
Libby Project # L140922-40
Client Project # 01-0868-J

QA/QC Data - EPA 8260C Analyses

Sample Identification: Baker Tank 923							
	Matrix Spike			Matrix Spike Duplicate			RPD
	Spiked Conc. (µg/l)	Measured Conc. (µg/l)	Spike Recovery (%)	Spiked Conc. (µg/l)	Measured Conc. (µg/l)	Spike Recovery (%)	
1,1-Dichloroethene	10	8.6	86	10	8.5	85	1.2
Chlorobenzene	10	7.7	77	10	8.5	85	9.9
Trichloroethene (TCE)	10	9.1	91	10	9.3	93	2.2
Surrogate Recovery							
Dibromofluoromethane			111			103	
1,2-Dichloroethane-d4			133			122	
Toluene-d8			90			79	
4-Bromofluorobenzene			91			92	

Laboratory Control Sample			
	Spiked Conc. (µg/l)	Measured Conc. (µg/l)	Spike Recovery (%)
1,1-Dichloroethene	10	7.4	74
Chlorobenzene	10	8.5	85
Trichloroethene (TCE)	10	8.6	86
Surrogate Recovery			
Dibromofluoromethane			103
1,2-Dichloroethane-d4			128
Toluene-d8			89
4-Bromofluorobenzene			100

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

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G-Logics
Stuart Hyde
40 Second Ave. SE
Issaquah, WA 98027

RE: Gilman Square
Lab ID: 1409300

September 30, 2014

Attention Stuart Hyde:

Fremont Analytical, Inc. received 6 sample(s) on 9/25/2014 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Mercury by EPA Method 245.1
Sample Moisture (Percent Moisture)
Total Metals by EPA Method 200.8
Volatile Organic Compounds by EPA Method 8260

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,

Mike Ridgeway
President

Date: *09/30/2014*

CLIENT: G-Logics
Project: Gilman Square
Lab Order: 1409300

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1409300-001	Baker0A1737-092514	09/25/2014 10:30 AM	09/25/2014 12:24 PM
1409300-002	NSwale-092514	09/25/2014 10:45 AM	09/25/2014 12:24 PM
1409300-003	Exc-GW-092514	09/25/2014 10:50 AM	09/25/2014 12:24 PM
1409300-004	SP-1	09/25/2014 12:00 AM	09/25/2014 12:24 PM
1409300-005	SP-2	09/25/2014 12:00 AM	09/25/2014 12:24 PM
1409300-006	SP-3	09/25/2014 12:00 AM	09/25/2014 12:24 PM

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

Case Narrative

WO#: **1409300**
Date: **9/30/2014**

CLIENT: G-Logics
Project: Gilman Square

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.

Analytical Report

WO#: **1409300**
Date Reported: **9/30/2014**

Client: G-Logics
Collection Date: 9/25/2014 10:30:00 AM
Project: Gilman Square
Lab ID: 1409300-001
Matrix: Water
Client Sample ID: **Baker0A1737-092514**

Volatile Organic Compounds by EPA Method 8260

Batch ID: R17037 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM
Chloromethane	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM
Vinyl chloride	ND	0.200		µg/L	1	9/26/2014 12:09:00 AM
Trichlorofluoromethane (CFC-11)	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM
Chloroethane	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM
Methylene chloride	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM
2,2-Dichloropropane	ND	2.00		µg/L	1	9/26/2014 12:09:00 AM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM
Chloroform	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM
1,1,1-Trichloroethane (TCA)	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM
Trichloroethene (TCE)	ND	0.500		µg/L	1	9/26/2014 12:09:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM
Tetrachloroethene (PCE)	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM
Chlorobenzene	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM
1,2,4-Trichlorobenzene	ND	2.00		µg/L	1	9/26/2014 12:09:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1409300**
Date Reported: **9/30/2014**

Client: G-Logics
Collection Date: 9/25/2014 10:30:00 AM
Project: Gilman Square
Lab ID: 1409300-001
Matrix: Water
Client Sample ID: **Baker0A1737-092514**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R17037		Analyst: EM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	9/26/2014 12:09:00 AM
Hexachlorobutadiene	ND	4.00		µg/L	1	9/26/2014 12:09:00 AM
1,2,3-Trichlorobenzene	ND	4.00		µg/L	1	9/26/2014 12:09:00 AM
Surr: Dibromofluoromethane	103	61.7-130		%REC	1	9/26/2014 12:09:00 AM
Surr: Toluene-d8	100	40.1-139		%REC	1	9/26/2014 12:09:00 AM
Surr: 1-Bromo-4-fluorobenzene	101	68.2-127		%REC	1	9/26/2014 12:09:00 AM
Mercury by EPA Method 245.1				Batch ID: 8849		Analyst: MW
Mercury	ND	0.100		µg/L	1	9/25/2014 5:12:05 PM
Total Metals by EPA Method 200.8				Batch ID: 8843		Analyst: TN
Arsenic	2.74	1.00		µg/L	1	9/25/2014 4:41:01 PM
Cadmium	0.216	0.200		µg/L	1	9/25/2014 4:41:01 PM
Chromium	9.30	0.500		µg/L	1	9/25/2014 4:41:01 PM
Lead	20.4	1.00		µg/L	1	9/25/2014 4:41:01 PM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1409300**
Date Reported: **9/30/2014**

Client: G-Logics
Collection Date: 9/25/2014 10:45:00 AM
Project: Gilman Square
Lab ID: 1409300-002
Matrix: Water
Client Sample ID: **NSwale-092514**

Volatile Organic Compounds by EPA Method 8260

Batch ID: R17037 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM
Chloromethane	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM
Vinyl chloride	ND	0.200		µg/L	1	9/26/2014 12:37:00 AM
Trichlorofluoromethane (CFC-11)	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM
Chloroethane	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM
Methylene chloride	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM
2,2-Dichloropropane	ND	2.00		µg/L	1	9/26/2014 12:37:00 AM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM
Chloroform	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM
1,1,1-Trichloroethane (TCA)	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM
Trichloroethene (TCE)	ND	0.500		µg/L	1	9/26/2014 12:37:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM
Tetrachloroethene (PCE)	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM
Chlorobenzene	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM
1,2,4-Trichlorobenzene	ND	2.00		µg/L	1	9/26/2014 12:37:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1409300**
Date Reported: **9/30/2014**

Client: G-Logics
Collection Date: 9/25/2014 10:45:00 AM
Project: Gilman Square
Lab ID: 1409300-002
Matrix: Water
Client Sample ID: **NSwale-092514**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R17037		Analyst: EM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	9/26/2014 12:37:00 AM
Hexachlorobutadiene	ND	4.00		µg/L	1	9/26/2014 12:37:00 AM
1,2,3-Trichlorobenzene	ND	4.00		µg/L	1	9/26/2014 12:37:00 AM
Surr: Dibromofluoromethane	99.6	61.7-130		%REC	1	9/26/2014 12:37:00 AM
Surr: Toluene-d8	95.4	40.1-139		%REC	1	9/26/2014 12:37:00 AM
Surr: 1-Bromo-4-fluorobenzene	99.8	68.2-127		%REC	1	9/26/2014 12:37:00 AM
Mercury by EPA Method 245.1				Batch ID: 8849		Analyst: MW
Mercury	ND	0.100		µg/L	1	9/25/2014 5:13:45 PM
Total Metals by EPA Method 200.8				Batch ID: 8843		Analyst: TN
Arsenic	1.52	1.00		µg/L	1	9/25/2014 4:44:26 PM
Cadmium	ND	0.200		µg/L	1	9/25/2014 4:44:26 PM
Chromium	1.18	0.500		µg/L	1	9/25/2014 4:44:26 PM
Lead	ND	1.00		µg/L	1	9/25/2014 4:44:26 PM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1409300**
Date Reported: **9/30/2014**

Client: G-Logics
Collection Date: 9/25/2014 10:50:00 AM
Project: Gilman Square
Lab ID: 1409300-003
Matrix: Water
Client Sample ID: **Exc-GW-092514**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R17037		Analyst: EM
Dichlorodifluoromethane	ND	1.00		µg/L	1	9/26/2014 1:05:00 AM
Chloromethane	ND	1.00		µg/L	1	9/26/2014 1:05:00 AM
Vinyl chloride	ND	0.200		µg/L	1	9/26/2014 1:05:00 AM
Trichlorofluoromethane (CFC-11)	ND	1.00		µg/L	1	9/26/2014 1:05:00 AM
Chloroethane	ND	1.00		µg/L	1	9/26/2014 1:05:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	9/26/2014 1:05:00 AM
Methylene chloride	ND	1.00		µg/L	1	9/26/2014 1:05:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	9/26/2014 1:05:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	9/26/2014 1:05:00 AM
2,2-Dichloropropane	ND	2.00		µg/L	1	9/26/2014 1:05:00 AM
cis-1,2-Dichloroethene	1.09	1.00		µg/L	1	9/26/2014 1:05:00 AM
Chloroform	ND	1.00		µg/L	1	9/26/2014 1:05:00 AM
1,1,1-Trichloroethane (TCA)	ND	1.00		µg/L	1	9/26/2014 1:05:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	9/26/2014 1:05:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	9/26/2014 1:05:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	9/26/2014 1:05:00 AM
Trichloroethene (TCE)	ND	0.500		µg/L	1	9/26/2014 1:05:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	9/26/2014 1:05:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	9/26/2014 1:05:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	9/26/2014 1:05:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	9/26/2014 1:05:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	9/26/2014 1:05:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	9/26/2014 1:05:00 AM
Tetrachloroethene (PCE)	ND	1.00		µg/L	1	9/26/2014 1:05:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	9/26/2014 1:05:00 AM
Chlorobenzene	ND	1.00		µg/L	1	9/26/2014 1:05:00 AM
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	9/26/2014 1:05:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	9/26/2014 1:05:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	9/26/2014 1:05:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	9/26/2014 1:05:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	9/26/2014 1:05:00 AM
1,2,4-Trichlorobenzene	ND	2.00		µg/L	1	9/26/2014 1:05:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	9/26/2014 1:05:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	9/26/2014 1:05:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	9/26/2014 1:05:00 AM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1409300**
Date Reported: **9/30/2014**

Client: G-Logics
Collection Date: 9/25/2014 10:50:00 AM
Project: Gilman Square
Lab ID: 1409300-003
Matrix: Water
Client Sample ID: **Exc-GW-092514**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R17037		Analyst: EM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	9/26/2014 1:05:00 AM
Hexachlorobutadiene	ND	4.00		µg/L	1	9/26/2014 1:05:00 AM
1,2,3-Trichlorobenzene	ND	4.00		µg/L	1	9/26/2014 1:05:00 AM
Surr: Dibromofluoromethane	101	61.7-130		%REC	1	9/26/2014 1:05:00 AM
Surr: Toluene-d8	97.6	40.1-139		%REC	1	9/26/2014 1:05:00 AM
Surr: 1-Bromo-4-fluorobenzene	100	68.2-127		%REC	1	9/26/2014 1:05:00 AM
Mercury by EPA Method 245.1				Batch ID: 8849		Analyst: MW
Mercury	ND	0.100		µg/L	1	9/25/2014 5:15:26 PM
Total Metals by EPA Method 200.8				Batch ID: 8843		Analyst: TN
Arsenic	1.86	1.00		µg/L	1	9/25/2014 4:47:52 PM
Cadmium	ND	0.200		µg/L	1	9/25/2014 4:47:52 PM
Chromium	5.24	0.500		µg/L	1	9/25/2014 4:47:52 PM
Lead	1.96	1.00		µg/L	1	9/25/2014 4:47:52 PM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1409300**
Date Reported: **9/30/2014**

Client: G-Logics
Collection Date: 9/25/2014
Project: Gilman Square
Lab ID: 1409300-004
Matrix: Soil
Client Sample ID: **SP-1**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 8846		Analyst: AK
Diesel (Fuel Oil)	ND	21.2		mg/Kg-dry	1	9/25/2014 8:26:00 PM
Heavy Oil	ND	53.1		mg/Kg-dry	1	9/25/2014 8:26:00 PM
Surr: 2-Fluorobiphenyl	92.7	50-150		%REC	1	9/25/2014 8:26:00 PM
Surr: o-Terphenyl	83.8	50-150		%REC	1	9/25/2014 8:26:00 PM
Gasoline by NWTPH-Gx				Batch ID: 8878		Analyst: BC
Gasoline	ND	4.88		mg/Kg-dry	1	9/30/2014 10:25:00 AM
Surr: Toluene-d8	92.2	65-135		%REC	1	9/30/2014 10:25:00 AM
Surr: 4-Bromofluorobenzene	106	65-135		%REC	1	9/30/2014 10:25:00 AM
Volatile Organic Compounds by EPA Method 8260				Batch ID: 8863		Analyst: BC
Dichlorodifluoromethane (CFC-12)	ND	0.0584		mg/Kg-dry	1	9/27/2014 3:11:00 AM
Chloromethane	ND	0.0584		mg/Kg-dry	1	9/27/2014 3:11:00 AM
Vinyl chloride	ND	0.00195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
Bromomethane	ND	0.0877		mg/Kg-dry	1	9/27/2014 3:11:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0487		mg/Kg-dry	1	9/27/2014 3:11:00 AM
Chloroethane	ND	0.0584		mg/Kg-dry	1	9/27/2014 3:11:00 AM
1,1-Dichloroethene	ND	0.0487		mg/Kg-dry	1	9/27/2014 3:11:00 AM
Methylene chloride	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
trans-1,2-Dichloroethene	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0487		mg/Kg-dry	1	9/27/2014 3:11:00 AM
1,1-Dichloroethane	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
2,2-Dichloropropane	ND	0.0487		mg/Kg-dry	1	9/27/2014 3:11:00 AM
cis-1,2-Dichloroethene	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
Chloroform	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
1,1,1-Trichloroethane (TCA)	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
1,1-Dichloropropene	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
Carbon tetrachloride	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
1,2-Dichloroethane (EDC)	ND	0.0292		mg/Kg-dry	1	9/27/2014 3:11:00 AM
Benzene	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
Trichloroethene (TCE)	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
1,2-Dichloropropane	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
Bromodichloromethane	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1409300**
Date Reported: **9/30/2014**

Client: G-Logics
Project: Gilman Square
Lab ID: 1409300-004
Client Sample ID: **SP-1**

Collection Date: 9/25/2014
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: 8863		Analyst: BC
Dibromomethane	ND	0.0390		mg/Kg-dry	1	9/27/2014 3:11:00 AM
cis-1,3-Dichloropropene	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
Toluene	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
trans-1,3-Dichloropropylene	ND	0.0292		mg/Kg-dry	1	9/27/2014 3:11:00 AM
1,1,2-Trichloroethane	ND	0.0292		mg/Kg-dry	1	9/27/2014 3:11:00 AM
1,3-Dichloropropane	ND	0.0487		mg/Kg-dry	1	9/27/2014 3:11:00 AM
Tetrachloroethene (PCE)	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
Dibromochloromethane	ND	0.0292		mg/Kg-dry	1	9/27/2014 3:11:00 AM
1,2-Dibromoethane (EDB)	ND	0.00487		mg/Kg-dry	1	9/27/2014 3:11:00 AM
Chlorobenzene	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0292		mg/Kg-dry	1	9/27/2014 3:11:00 AM
Ethylbenzene	ND	0.0292		mg/Kg-dry	1	9/27/2014 3:11:00 AM
m,p-Xylene	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
o-Xylene	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
Styrene	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
Isopropylbenzene	ND	0.0779		mg/Kg-dry	1	9/27/2014 3:11:00 AM
Bromoform	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
n-Propylbenzene	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
Bromobenzene	ND	0.0292		mg/Kg-dry	1	9/27/2014 3:11:00 AM
1,3,5-Trimethylbenzene	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
2-Chlorotoluene	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
4-Chlorotoluene	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
tert-Butylbenzene	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
1,2,3-Trichloropropane	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
1,2,4-Trichlorobenzene	ND	0.0487		mg/Kg-dry	1	9/27/2014 3:11:00 AM
sec-Butylbenzene	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
4-Isopropyltoluene	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
1,3-Dichlorobenzene	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
1,4-Dichlorobenzene	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
n-Butylbenzene	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
1,2-Dichlorobenzene	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
1,2-Dibromo-3-chloropropane	ND	0.0292		mg/Kg-dry	1	9/27/2014 3:11:00 AM
1,2,4-Trimethylbenzene	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
Hexachlorobutadiene	ND	0.0974		mg/Kg-dry	1	9/27/2014 3:11:00 AM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1409300**
Date Reported: **9/30/2014**

Client: G-Logics
Collection Date: 9/25/2014
Project: Gilman Square
Lab ID: 1409300-004
Matrix: Soil
Client Sample ID: **SP-1**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: 8863		Analyst: BC
Naphthalene	ND	0.0292		mg/Kg-dry	1	9/27/2014 3:11:00 AM
1,2,3-Trichlorobenzene	ND	0.0195		mg/Kg-dry	1	9/27/2014 3:11:00 AM
Surr: Dibromofluoromethane	102	63.7-129		%REC	1	9/27/2014 3:11:00 AM
Surr: Toluene-d8	102	64.3-131		%REC	1	9/27/2014 3:11:00 AM
Surr: 1-Bromo-4-fluorobenzene	97.8	63.1-141		%REC	1	9/27/2014 3:11:00 AM
Sample Moisture (Percent Moisture)				Batch ID: R17028		Analyst: SL
Percent Moisture	9.58			wt%	1	9/25/2014 3:59:17 PM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1409300**
Date Reported: **9/30/2014**

Client: G-Logics
Collection Date: 9/25/2014
Project: Gilman Square
Lab ID: 1409300-005
Matrix: Soil
Client Sample ID: **SP-2**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 8846		Analyst: AK
Diesel (Fuel Oil)	ND	22.2		mg/Kg-dry	1	9/25/2014 8:57:00 PM
Heavy Oil	ND	55.6		mg/Kg-dry	1	9/25/2014 8:57:00 PM
Surr: 2-Fluorobiphenyl	93.2	50-150		%REC	1	9/25/2014 8:57:00 PM
Surr: o-Terphenyl	90.9	50-150		%REC	1	9/25/2014 8:57:00 PM
Gasoline by NWTPH-Gx				Batch ID: 8878		Analyst: BC
Gasoline	ND	4.66		mg/Kg-dry	1	9/30/2014 11:20:00 AM
Surr: Toluene-d8	93.9	65-135		%REC	1	9/30/2014 11:20:00 AM
Surr: 4-Bromofluorobenzene	102	65-135		%REC	1	9/30/2014 11:20:00 AM
Volatile Organic Compounds by EPA Method 8260				Batch ID: 8863		Analyst: BC
Dichlorodifluoromethane (CFC-12)	ND	0.0559		mg/Kg-dry	1	9/27/2014 4:09:00 AM
Chloromethane	ND	0.0559		mg/Kg-dry	1	9/27/2014 4:09:00 AM
Vinyl chloride	ND	0.00186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
Bromomethane	ND	0.0838		mg/Kg-dry	1	9/27/2014 4:09:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0466		mg/Kg-dry	1	9/27/2014 4:09:00 AM
Chloroethane	ND	0.0559		mg/Kg-dry	1	9/27/2014 4:09:00 AM
1,1-Dichloroethene	ND	0.0466		mg/Kg-dry	1	9/27/2014 4:09:00 AM
Methylene chloride	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
trans-1,2-Dichloroethene	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0466		mg/Kg-dry	1	9/27/2014 4:09:00 AM
1,1-Dichloroethane	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
2,2-Dichloropropane	ND	0.0466		mg/Kg-dry	1	9/27/2014 4:09:00 AM
cis-1,2-Dichloroethene	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
Chloroform	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
1,1,1-Trichloroethane (TCA)	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
1,1-Dichloropropene	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
Carbon tetrachloride	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
1,2-Dichloroethane (EDC)	ND	0.0279		mg/Kg-dry	1	9/27/2014 4:09:00 AM
Benzene	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
Trichloroethene (TCE)	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
1,2-Dichloropropane	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
Bromodichloromethane	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1409300**
Date Reported: **9/30/2014**

Client: G-Logics
Project: Gilman Square
Lab ID: 1409300-005
Client Sample ID: **SP-2**

Collection Date: 9/25/2014
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: 8863		Analyst: BC
Dibromomethane	ND	0.0373		mg/Kg-dry	1	9/27/2014 4:09:00 AM
cis-1,3-Dichloropropene	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
Toluene	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
trans-1,3-Dichloropropylene	ND	0.0279		mg/Kg-dry	1	9/27/2014 4:09:00 AM
1,1,2-Trichloroethane	ND	0.0279		mg/Kg-dry	1	9/27/2014 4:09:00 AM
1,3-Dichloropropane	ND	0.0466		mg/Kg-dry	1	9/27/2014 4:09:00 AM
Tetrachloroethene (PCE)	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
Dibromochloromethane	ND	0.0279		mg/Kg-dry	1	9/27/2014 4:09:00 AM
1,2-Dibromoethane (EDB)	ND	0.00466		mg/Kg-dry	1	9/27/2014 4:09:00 AM
Chlorobenzene	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0279		mg/Kg-dry	1	9/27/2014 4:09:00 AM
Ethylbenzene	ND	0.0279		mg/Kg-dry	1	9/27/2014 4:09:00 AM
m,p-Xylene	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
o-Xylene	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
Styrene	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
Isopropylbenzene	ND	0.0745		mg/Kg-dry	1	9/27/2014 4:09:00 AM
Bromoform	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
n-Propylbenzene	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
Bromobenzene	ND	0.0279		mg/Kg-dry	1	9/27/2014 4:09:00 AM
1,3,5-Trimethylbenzene	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
2-Chlorotoluene	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
4-Chlorotoluene	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
tert-Butylbenzene	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
1,2,3-Trichloropropane	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
1,2,4-Trichlorobenzene	ND	0.0466		mg/Kg-dry	1	9/27/2014 4:09:00 AM
sec-Butylbenzene	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
4-Isopropyltoluene	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
1,3-Dichlorobenzene	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
1,4-Dichlorobenzene	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
n-Butylbenzene	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
1,2-Dichlorobenzene	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
1,2-Dibromo-3-chloropropane	ND	0.0279		mg/Kg-dry	1	9/27/2014 4:09:00 AM
1,2,4-Trimethylbenzene	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
Hexachlorobutadiene	ND	0.0931		mg/Kg-dry	1	9/27/2014 4:09:00 AM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1409300**
Date Reported: **9/30/2014**

Client: G-Logics
Collection Date: 9/25/2014
Project: Gilman Square
Lab ID: 1409300-005
Matrix: Soil
Client Sample ID: **SP-2**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: 8863		Analyst: BC
Naphthalene	ND	0.0279		mg/Kg-dry	1	9/27/2014 4:09:00 AM
1,2,3-Trichlorobenzene	ND	0.0186		mg/Kg-dry	1	9/27/2014 4:09:00 AM
Surr: Dibromofluoromethane	100	63.7-129		%REC	1	9/27/2014 4:09:00 AM
Surr: Toluene-d8	104	64.3-131		%REC	1	9/27/2014 4:09:00 AM
Surr: 1-Bromo-4-fluorobenzene	96.6	63.1-141		%REC	1	9/27/2014 4:09:00 AM
Sample Moisture (Percent Moisture)				Batch ID: R17028		Analyst: SL
Percent Moisture	11.1			wt%	1	9/25/2014 3:59:17 PM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1409300**
Date Reported: **9/30/2014**

Client: G-Logics **Collection Date:** 9/25/2014
Project: Gilman Square
Lab ID: 1409300-006 **Matrix:** Soil
Client Sample ID: **SP-3**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 8846		Analyst: AK
Diesel (Fuel Oil)	ND	21.5		mg/Kg-dry	1	9/25/2014 9:28:00 PM
Heavy Oil	ND	53.8		mg/Kg-dry	1	9/25/2014 9:28:00 PM
Surr: 2-Fluorobiphenyl	91.6	50-150		%REC	1	9/25/2014 9:28:00 PM
Surr: o-Terphenyl	83.1	50-150		%REC	1	9/25/2014 9:28:00 PM
Gasoline by NWTPH-Gx				Batch ID: 8878		Analyst: BC
Gasoline	ND	4.65		mg/Kg-dry	1	9/30/2014 11:48:00 AM
Surr: Toluene-d8	93.7	65-135		%REC	1	9/30/2014 11:48:00 AM
Surr: 4-Bromofluorobenzene	102	65-135		%REC	1	9/30/2014 11:48:00 AM
Volatile Organic Compounds by EPA Method 8260				Batch ID: 8863		Analyst: BC
Dichlorodifluoromethane (CFC-12)	ND	0.0558		mg/Kg-dry	1	9/27/2014 6:04:00 AM
Chloromethane	ND	0.0558		mg/Kg-dry	1	9/27/2014 6:04:00 AM
Vinyl chloride	ND	0.00186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
Bromomethane	ND	0.0837		mg/Kg-dry	1	9/27/2014 6:04:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0465		mg/Kg-dry	1	9/27/2014 6:04:00 AM
Chloroethane	ND	0.0558		mg/Kg-dry	1	9/27/2014 6:04:00 AM
1,1-Dichloroethene	ND	0.0465		mg/Kg-dry	1	9/27/2014 6:04:00 AM
Methylene chloride	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
trans-1,2-Dichloroethene	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0465		mg/Kg-dry	1	9/27/2014 6:04:00 AM
1,1-Dichloroethane	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
2,2-Dichloropropane	ND	0.0465		mg/Kg-dry	1	9/27/2014 6:04:00 AM
cis-1,2-Dichloroethene	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
Chloroform	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
1,1,1-Trichloroethane (TCA)	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
1,1-Dichloropropene	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
Carbon tetrachloride	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
1,2-Dichloroethane (EDC)	ND	0.0279		mg/Kg-dry	1	9/27/2014 6:04:00 AM
Benzene	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
Trichloroethene (TCE)	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
1,2-Dichloropropane	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
Bromodichloromethane	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1409300**
Date Reported: **9/30/2014**

Client: G-Logics
Collection Date: 9/25/2014
Project: Gilman Square
Lab ID: 1409300-006
Matrix: Soil
Client Sample ID: **SP-3**

Volatile Organic Compounds by EPA Method 8260

Batch ID: 8863 Analyst: BC

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dibromomethane	ND	0.0372		mg/Kg-dry	1	9/27/2014 6:04:00 AM
cis-1,3-Dichloropropene	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
Toluene	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
trans-1,3-Dichloropropylene	ND	0.0279		mg/Kg-dry	1	9/27/2014 6:04:00 AM
1,1,2-Trichloroethane	ND	0.0279		mg/Kg-dry	1	9/27/2014 6:04:00 AM
1,3-Dichloropropane	ND	0.0465		mg/Kg-dry	1	9/27/2014 6:04:00 AM
Tetrachloroethene (PCE)	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
Dibromochloromethane	ND	0.0279		mg/Kg-dry	1	9/27/2014 6:04:00 AM
1,2-Dibromoethane (EDB)	ND	0.00465		mg/Kg-dry	1	9/27/2014 6:04:00 AM
Chlorobenzene	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0279		mg/Kg-dry	1	9/27/2014 6:04:00 AM
Ethylbenzene	ND	0.0279		mg/Kg-dry	1	9/27/2014 6:04:00 AM
m,p-Xylene	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
o-Xylene	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
Styrene	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
Isopropylbenzene	ND	0.0744		mg/Kg-dry	1	9/27/2014 6:04:00 AM
Bromoform	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
n-Propylbenzene	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
Bromobenzene	ND	0.0279		mg/Kg-dry	1	9/27/2014 6:04:00 AM
1,3,5-Trimethylbenzene	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
2-Chlorotoluene	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
4-Chlorotoluene	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
tert-Butylbenzene	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
1,2,3-Trichloropropane	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
1,2,4-Trichlorobenzene	ND	0.0465		mg/Kg-dry	1	9/27/2014 6:04:00 AM
sec-Butylbenzene	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
4-Isopropyltoluene	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
1,3-Dichlorobenzene	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
1,4-Dichlorobenzene	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
n-Butylbenzene	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
1,2-Dichlorobenzene	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
1,2-Dibromo-3-chloropropane	ND	0.0279		mg/Kg-dry	1	9/27/2014 6:04:00 AM
1,2,4-Trimethylbenzene	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
Hexachlorobutadiene	ND	0.0930		mg/Kg-dry	1	9/27/2014 6:04:00 AM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1409300**
Date Reported: **9/30/2014**

Client: G-Logics
Project: Gilman Square
Lab ID: 1409300-006
Client Sample ID: **SP-3**

Collection Date: 9/25/2014
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: 8863		Analyst: BC
Naphthalene	ND	0.0279		mg/Kg-dry	1	9/27/2014 6:04:00 AM
1,2,3-Trichlorobenzene	ND	0.0186		mg/Kg-dry	1	9/27/2014 6:04:00 AM
Surr: Dibromofluoromethane	106	63.7-129		%REC	1	9/27/2014 6:04:00 AM
Surr: Toluene-d8	103	64.3-131		%REC	1	9/27/2014 6:04:00 AM
Surr: 1-Bromo-4-fluorobenzene	98.9	63.1-141		%REC	1	9/27/2014 6:04:00 AM
Sample Moisture (Percent Moisture)				Batch ID: R17028		Analyst: SL
Percent Moisture	9.58			wt%	1	9/25/2014 3:59:17 PM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1409300
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Total Metals by EPA Method 200.8

Sample ID: **MB-8843**	SampType: **MBLK**	Units: **µg/L**	Prep Date: **9/25/2014**	RunNo: **17032**
Client ID: **MBLKW**	Batch ID: **8843**		Analysis Date: **9/25/2014**	SeqNo: **341329**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.00									
Cadmium	ND	0.200									
Chromium	ND	0.500									
Lead	ND	1.00									

Sample ID: **LCS-8843**	SampType: **LCS**	Units: **µg/L**	Prep Date: **9/25/2014**	RunNo: **17032**
Client ID: **LCSW**	Batch ID: **8843**		Analysis Date: **9/25/2014**	SeqNo: **341330**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	92.5	1.00	100.0	0	92.5	85	115				
Cadmium	4.65	0.200	5.000	0	93.0	85	115				
Chromium	102	0.500	100.0	0	102	85	115				
Lead	46.7	1.00	50.00	0	93.4	85	115				

Sample ID: **1409278-001ADUP**	SampType: **DUP**	Units: **µg/L**	Prep Date: **9/25/2014**	RunNo: **17032**
Client ID: **BATCH**	Batch ID: **8843**		Analysis Date: **9/25/2014**	SeqNo: **341332**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.00						1.410	55.5	30	
Cadmium	ND	0.200						0		30	
Chromium	1.85	0.500						1.675	10.1	30	
Lead	ND	1.00						0		30	

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Date: *9/30/2014*

Work Order: 1409300
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Total Metals by EPA Method 200.8

Sample ID: **1409278-001AMS** SampType: **MS** Units: **µg/L** Prep Date: **9/25/2014** RunNo: **17032**
Client ID: **BATCH** Batch ID: **8843** Analysis Date: **9/25/2014** SeqNo: **341333**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	483	1.00	500.0	1.410	96.2	70	130				
Cadmium	24.5	0.200	25.00	0.03850	98.0	70	130				
Chromium	541	0.500	500.0	1.675	108	70	130				
Lead	241	1.00	250.0	0.5395	96.0	70	130				

Sample ID: **1409278-001AMSD** SampType: **MSD** Units: **µg/L** Prep Date: **9/25/2014** RunNo: **17032**
Client ID: **BATCH** Batch ID: **8843** Analysis Date: **9/25/2014** SeqNo: **341334**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	481	1.00	500.0	1.410	95.9	70	130	482.5	0.326	30	
Cadmium	25.9	0.200	25.00	0.03850	103	70	130	24.54	5.36	30	
Chromium	525	0.500	500.0	1.675	105	70	130	541.4	3.06	30	
Lead	242	1.00	250.0	0.5395	96.7	70	130	240.6	0.698	30	

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1409300
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Mercury by EPA Method 245.1

Sample ID: **MB-8849**	SampType: **MBLK**	Units: **µg/L**	Prep Date: **9/25/2014**	RunNo: **17033**
Client ID: **MBLKW**	Batch ID: **8849**		Analysis Date: **9/25/2014**	SeqNo: **341310**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.100									

Sample ID: **LCS-8849**	SampType: **LCS**	Units: **µg/L**	Prep Date: **9/25/2014**	RunNo: **17033**
Client ID: **LCSW**	Batch ID: **8849**		Analysis Date: **9/25/2014**	SeqNo: **341314**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.54	0.100	2.500	0	102	85	115				

Sample ID: **1409290-001ADUP**	SampType: **DUP**	Units: **µg/L**	Prep Date: **9/25/2014**	RunNo: **17033**
Client ID: **BATCH**	Batch ID: **8849**		Analysis Date: **9/25/2014**	SeqNo: **341316**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.100						0		20	

Sample ID: **1409290-001AMS**	SampType: **MS**	Units: **µg/L**	Prep Date: **9/25/2014**	RunNo: **17033**
Client ID: **BATCH**	Batch ID: **8849**		Analysis Date: **9/25/2014**	SeqNo: **341317**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.47	0.100	2.500	0	98.8	80	120				

Sample ID: **1409290-001AMSD**	SampType: **MSD**	Units: **µg/L**	Prep Date: **9/25/2014**	RunNo: **17033**
Client ID: **BATCH**	Batch ID: **8849**		Analysis Date: **9/25/2014**	SeqNo: **341318**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.49	0.100	2.500	0	99.6	80	120	2.470	0.806	20	

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Fremont Analytical

Date: *9/30/2014*

Work Order: 1409300
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

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

Sample ID: **MB-8846**	SampType: **MBLK**			Units: **mg/Kg**		Prep Date: **9/25/2014**		RunNo: **17030**			
Client ID: **MBLKS**	Batch ID: **8846**					Analysis Date: **9/25/2014**		SeqNo: **341270**			
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	18.3		20.00		91.7	50	150				
Surr: o-Terphenyl	14.4		20.00		71.9	50	150				

Sample ID: **LCS-8846**	SampType: **LCS**			Units: **mg/Kg**		Prep Date: **9/25/2014**		RunNo: **17030**			
Client ID: **LCSS**	Batch ID: **8846**					Analysis Date: **9/25/2014**		SeqNo: **341414**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	443	20.0	500.0	0	88.7	65	135				
Surr: 2-Fluorobiphenyl	21.1		20.00		106	50	150				
Surr: o-Terphenyl	17.4		20.00		86.8	50	150				

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1409300
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **1409300-004BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **9/30/2014**	RunNo: **17117**
Client ID: **SP-1**	Batch ID: **8878**		Analysis Date: **9/30/2014**	SeqNo: **342810**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	4.88						0		30	
Surr: Toluene-d8	2.21		2.439		90.6	65	135		0		
Surr: 4-Bromofluorobenzene	2.47		2.439		101	65	135		0		

Sample ID: **LCS-8878**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **9/30/2014**	RunNo: **17117**
Client ID: **LCSS**	Batch ID: **8878**		Analysis Date: **9/30/2014**	SeqNo: **342815**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	23.0	5.00	25.00	0	92.1	65	135				
Surr: Toluene-d8	2.38		2.500		95.3	65	135				
Surr: 4-Bromofluorobenzene	2.44		2.500		97.6	65	135				

Sample ID: **MB-8878**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **9/30/2014**	RunNo: **17117**
Client ID: **MBLKS**	Batch ID: **8878**		Analysis Date: **9/30/2014**	SeqNo: **342816**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	2.40		2.500		95.9	65	135				
Surr: 4-Bromofluorobenzene	2.45		2.500		97.9	65	135				

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1409300
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **1409300-004BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/26/2014** RunNo: **17103**
Client ID: **SP-1** Batch ID: **8863** Analysis Date: **9/27/2014** SeqNo: **342603**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0584						0		30	
Chloromethane	ND	0.0584						0		30	
Vinyl chloride	ND	0.00195						0		30	
Bromomethane	ND	0.0877						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.0487						0		30	
Chloroethane	ND	0.0584						0		30	
1,1-Dichloroethene	ND	0.0487						0		30	
Methylene chloride	ND	0.0195						0		30	
trans-1,2-Dichloroethene	ND	0.0195						0		30	
Methyl tert-butyl ether (MTBE)	ND	0.0487						0		30	
1,1-Dichloroethane	ND	0.0195						0		30	
2,2-Dichloropropane	ND	0.0487						0		30	
cis-1,2-Dichloroethene	ND	0.0195						0		30	
Chloroform	ND	0.0195						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.0195						0		30	
1,1-Dichloropropene	ND	0.0195						0		30	
Carbon tetrachloride	ND	0.0195						0		30	
1,2-Dichloroethane (EDC)	ND	0.0292						0		30	
Benzene	ND	0.0195						0		30	
Trichloroethene (TCE)	ND	0.0195						0		30	
1,2-Dichloropropane	ND	0.0195						0		30	
Bromodichloromethane	ND	0.0195						0		30	
Dibromomethane	ND	0.0390						0		30	
cis-1,3-Dichloropropene	ND	0.0195						0		30	
Toluene	ND	0.0195						0		30	
trans-1,3-Dichloropropylene	ND	0.0292						0		30	
1,1,2-Trichloroethane	ND	0.0292						0		30	
1,3-Dichloropropane	ND	0.0487						0		30	
Tetrachloroethene (PCE)	ND	0.0195						0		30	

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1409300
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **1409300-004BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/26/2014** RunNo: **17103**
Client ID: **SP-1** Batch ID: **8863** Analysis Date: **9/27/2014** SeqNo: **342603**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	ND	0.0292						0		30	
1,2-Dibromoethane (EDB)	ND	0.00487						0		30	
Chlorobenzene	ND	0.0195						0		30	
1,1,1,2-Tetrachloroethane	ND	0.0292						0		30	
Ethylbenzene	ND	0.0292						0		30	
m,p-Xylene	ND	0.0195						0		30	
o-Xylene	ND	0.0195						0		30	
Styrene	ND	0.0195						0		30	
Isopropylbenzene	ND	0.0779						0		30	
Bromoform	ND	0.0195						0		30	
1,1,2,2-Tetrachloroethane	ND	0.0195						0		30	
n-Propylbenzene	ND	0.0195						0		30	
Bromobenzene	ND	0.0292						0		30	
1,3,5-Trimethylbenzene	ND	0.0195						0		30	
2-Chlorotoluene	ND	0.0195						0		30	
4-Chlorotoluene	ND	0.0195						0		30	
tert-Butylbenzene	ND	0.0195						0		30	
1,2,3-Trichloropropane	ND	0.0195						0		30	
1,2,4-Trichlorobenzene	ND	0.0487						0		30	
sec-Butylbenzene	ND	0.0195						0		30	
4-Isopropyltoluene	ND	0.0195						0		30	
1,3-Dichlorobenzene	ND	0.0195						0		30	
1,4-Dichlorobenzene	ND	0.0195						0		30	
n-Butylbenzene	ND	0.0195						0		30	
1,2-Dichlorobenzene	ND	0.0195						0		30	
1,2-Dibromo-3-chloropropane	ND	0.0292						0		30	
1,2,4-Trimethylbenzene	ND	0.0195						0		30	
Hexachlorobutadiene	ND	0.0974						0		30	
Naphthalene	ND	0.0292						0		30	

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1409300
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **1409300-004BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/26/2014** RunNo: **17103**
Client ID: **SP-1** Batch ID: **8863** Analysis Date: **9/27/2014** SeqNo: **342603**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,3-Trichlorobenzene	ND	0.0195						0		30	
Surr: Dibromofluoromethane	2.71		2.435		111	63.7	129		0		
Surr: Toluene-d8	2.46		2.435		101	64.3	131		0		
Surr: 1-Bromo-4-fluorobenzene	2.41		2.435		98.9	63.1	141		0		

Sample ID: **1409300-005BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **9/26/2014** RunNo: **17103**
Client ID: **SP-2** Batch ID: **8863** Analysis Date: **9/27/2014** SeqNo: **342604**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	1.00	0.0559	0.9313	0	108	43.5	121				
Chloromethane	0.994	0.0559	0.9313	0	107	45	130				
Vinyl chloride	1.10	0.00186	0.9313	0	118	51.2	146				
Bromomethane	0.979	0.0838	0.9313	0	105	21.3	120				
Trichlorofluoromethane (CFC-11)	1.09	0.0466	0.9313	0	117	35	131				
Chloroethane	1.01	0.0559	0.9313	0	108	43.8	117				
1,1-Dichloroethene	1.22	0.0466	0.9313	0	131	61.9	141				
Methylene chloride	1.03	0.0186	0.9313	0	110	54.7	142				
trans-1,2-Dichloroethene	1.01	0.0186	0.9313	0	109	52	136				
Methyl tert-butyl ether (MTBE)	0.970	0.0466	0.9313	0	104	54.4	132				
1,1-Dichloroethane	1.14	0.0186	0.9313	0	122	51.8	141				
2,2-Dichloropropane	0.807	0.0466	0.9313	0	86.6	36	123				
cis-1,2-Dichloroethene	1.14	0.0186	0.9313	0	123	58.6	136				
Chloroform	1.08	0.0186	0.9313	0	116	53.2	129				
1,1,1-Trichloroethane (TCA)	0.969	0.0186	0.9313	0	104	58.3	145				
1,1-Dichloropropene	1.11	0.0186	0.9313	0	119	55.1	138				
Carbon tetrachloride	1.05	0.0186	0.9313	0	113	53.3	144				
1,2-Dichloroethane (EDC)	1.12	0.0279	0.9313	0	121	51.3	139				
Benzene	1.01	0.0186	0.9313	0	108	63.5	133				

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1409300
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **1409300-005BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **9/26/2014** RunNo: **17103**
Client ID: **SP-2** Batch ID: **8863** Analysis Date: **9/27/2014** SeqNo: **342604**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene (TCE)	1.20	0.0186	0.9313	0	128	68.6	132				
1,2-Dichloropropane	1.12	0.0186	0.9313	0	120	59	136				
Bromodichloromethane	1.03	0.0186	0.9313	0	111	50.7	141				
Dibromomethane	0.969	0.0373	0.9313	0	104	50.6	137				
cis-1,3-Dichloropropene	0.947	0.0186	0.9313	0	102	50.4	138				
Toluene	0.918	0.0186	0.9313	0	98.6	63.4	132				
trans-1,3-Dichloropropylene	1.01	0.0279	0.9313	0	109	44.1	147				
1,1,2-Trichloroethane	1.13	0.0279	0.9313	0	122	51.6	137				
1,3-Dichloropropane	1.01	0.0466	0.9313	0	108	53.1	134				
Tetrachloroethene (PCE)	1.10	0.0186	0.9313	0	118	35.6	158				
Dibromochloromethane	1.04	0.0279	0.9313	0	111	55.3	140				
1,2-Dibromoethane (EDB)	1.03	0.00466	0.9313	0	111	50.4	136				
Chlorobenzene	0.990	0.0186	0.9313	0	106	60	133				
1,1,1,2-Tetrachloroethane	1.02	0.0279	0.9313	0	110	53.1	142				
Ethylbenzene	1.03	0.0279	0.9313	0	111	54.5	134				
m,p-Xylene	2.04	0.0186	1.863	0	109	53.1	132				
o-Xylene	1.03	0.0186	0.9313	0	110	53.3	139				
Styrene	1.08	0.0186	0.9313	0	116	51.1	132				
Isopropylbenzene	1.06	0.0745	0.9313	0	114	58.9	138				
Bromoform	0.976	0.0186	0.9313	0	105	57.9	130				
1,1,2,2-Tetrachloroethane	0.947	0.0186	0.9313	0	102	51.9	131				
n-Propylbenzene	1.04	0.0186	0.9313	0	112	53.6	140				
Bromobenzene	1.04	0.0279	0.9313	0	112	54.2	140				
1,3,5-Trimethylbenzene	1.05	0.0186	0.9313	0	112	51.8	136				
2-Chlorotoluene	1.02	0.0186	0.9313	0	109	51.6	136				
4-Chlorotoluene	1.02	0.0186	0.9313	0	109	50.1	139				
tert-Butylbenzene	1.07	0.0186	0.9313	0	115	50.5	135				
1,2,3-Trichloropropane	1.05	0.0186	0.9313	0	112	50.5	131				
1,2,4-Trichlorobenzene	1.06	0.0466	0.9313	0	114	50.8	130				

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1409300
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **1409300-005BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **9/26/2014** RunNo: **17103**
Client ID: **SP-2** Batch ID: **8863** Analysis Date: **9/27/2014** SeqNo: **342604**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	1.07	0.0186	0.9313	0	114	52.6	141				
4-Isopropyltoluene	1.08	0.0186	0.9313	0	116	52.9	134				
1,3-Dichlorobenzene	0.995	0.0186	0.9313	0	107	52.6	131				
1,4-Dichlorobenzene	0.951	0.0186	0.9313	0	102	52.9	129				
n-Butylbenzene	1.07	0.0186	0.9313	0	115	52.6	130				
1,2-Dichlorobenzene	0.983	0.0186	0.9313	0	106	55.8	129				
1,2-Dibromo-3-chloropropane	0.991	0	0.9313	0	106	40.5	131				
1,2,4-Trimethylbenzene	1.05	0.0186	0.9313	0	113	50.6	137				
Hexachlorobutadiene	1.20	0.0931	0.9313	0	128	40.6	158				
Naphthalene	1.05	0.0279	0.9313	0	112	52.3	124				
1,2,3-Trichlorobenzene	1.03	0.0186	0.9313	0	111	54.4	124				
Surr: Dibromofluoromethane	2.60		2.328		112	63.7	129				
Surr: Toluene-d8	2.41		2.328		104	64.3	131				
Surr: 1-Bromo-4-fluorobenzene	2.36		2.328		101	63.1	141				

Sample ID: **LCS-8863** SampType: **LCS** Units: **mg/Kg** Prep Date: **9/26/2014** RunNo: **17103**
Client ID: **LCSS** Batch ID: **8863** Analysis Date: **9/27/2014** SeqNo: **342608**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	0.891	0.0600	1.000	0	89.1	37.2	139				
Chloromethane	0.920	0.0600	1.000	0	92.0	38.8	132				
Vinyl chloride	0.904	0.00200	1.000	0	90.4	56.1	130				
Bromomethane	0.924	0.0900	1.000	0	92.4	41.3	148				
Trichlorofluoromethane (CFC-11)	0.923	0.0500	1.000	0	92.3	42.9	147				
Chloroethane	0.904	0.0600	1.000	0	90.4	37.1	144				
1,1-Dichloroethene	1.06	0.0500	1.000	0	106	49.7	142				
Methylene chloride	0.958	0.0200	1.000	0	95.8	46.3	140				
trans-1,2-Dichloroethene	0.932	0.0200	1.000	0	93.2	68	130				

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1409300
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCS-8863** SampType: **LCS** Units: **mg/Kg** Prep Date: **9/26/2014** RunNo: **17103**
Client ID: **LCSS** Batch ID: **8863** Analysis Date: **9/27/2014** SeqNo: **342608**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	0.979	0.0500	1.000	0	97.9	59.1	138				
1,1-Dichloroethane	1.06	0.0200	1.000	0	106	65.5	132				
2,2-Dichloropropane	0.759	0.0500	1.000	0	75.9	28.1	149				
cis-1,2-Dichloroethene	1.09	0.0200	1.000	0	109	71.3	135				
Chloroform	1.02	0.0200	1.000	0	102	67.5	129				
1,1,1-Trichloroethane (TCA)	0.888	0.0200	1.000	0	88.8	69	132				
1,1-Dichloropropene	0.990	0.0200	1.000	0	99.0	72.7	131				
Carbon tetrachloride	0.980	0.0200	1.000	0	98.0	63.4	137				
1,2-Dichloroethane (EDC)	1.07	0.0300	1.000	0	107	61.9	136				
Benzene	0.972	0.0200	1.000	0	97.2	64.3	133				
Trichloroethene (TCE)	1.09	0.0200	1.000	0	109	65.5	137				
1,2-Dichloropropane	1.07	0.0200	1.000	0	107	63.2	142				
Bromodichloromethane	0.969	0.0200	1.000	0	96.9	76.1	136				
Dibromomethane	0.918	0.0400	1.000	0	91.8	70	130				
cis-1,3-Dichloropropene	0.952	0.0200	1.000	0	95.2	59.1	143				
Toluene	0.867	0.0200	1.000	0	86.7	67.3	138				
trans-1,3-Dichloropropylene	1.00	0.0300	1.000	0	100	49.2	149				
1,1,2-Trichloroethane	1.11	0.0300	1.000	0	111	74.5	129				
1,3-Dichloropropane	0.993	0.0500	1.000	0	99.3	70	130				
Tetrachloroethene (PCE)	1.03	0.0200	1.000	0	103	52.7	150				
Dibromochloromethane	1.01	0.0300	1.000	0	101	70.6	144				
1,2-Dibromoethane (EDB)	1.01	0.00500	1.000	0	101	70	130				
Chlorobenzene	0.974	0.0200	1.000	0	97.4	76.1	123				
1,1,1,2-Tetrachloroethane	1.02	0.0300	1.000	0	102	74.8	131				
Ethylbenzene	0.998	0.0300	1.000	0	99.8	74	129				
m,p-Xylene	1.97	0.0200	2.000	0	98.5	79.8	128				
o-Xylene	1.01	0.0200	1.000	0	101	72.7	124				
Styrene	1.03	0.0200	1.000	0	103	76.8	130				
Isopropylbenzene	1.01	0.0800	1.000	0	101	70	130				

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1409300
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCS-8863** SampType: **LCS** Units: **mg/Kg** Prep Date: **9/26/2014** RunNo: **17103**
Client ID: **LCSS** Batch ID: **8863** Analysis Date: **9/27/2014** SeqNo: **342608**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	0.990	0.0200	1.000	0	99.0	67	154				
1,1,2,2-Tetrachloroethane	0.975	0.0200	1.000	0	97.5	60	130				
n-Propylbenzene	0.991	0.0200	1.000	0	99.1	74.8	125				
Bromobenzene	1.03	0.0300	1.000	0	103	49.2	144				
1,3,5-Trimethylbenzene	0.998	0.0200	1.000	0	99.8	74.6	123				
2-Chlorotoluene	0.989	0.0200	1.000	0	98.9	76.7	129				
4-Chlorotoluene	0.987	0.0200	1.000	0	98.7	77.5	125				
tert-Butylbenzene	1.01	0.0200	1.000	0	101	66.2	130				
1,2,3-Trichloropropane	1.08	0.0200	1.000	0	108	67.9	136				
1,2,4-Trichlorobenzene	1.08	0.0500	1.000	0	108	65.6	137				
sec-Butylbenzene	1.00	0.0200	1.000	0	100	75.6	133				
4-Isopropyltoluene	1.02	0.0200	1.000	0	102	76.8	131				
1,3-Dichlorobenzene	1.00	0.0200	1.000	0	100	72.8	128				
1,4-Dichlorobenzene	0.964	0.0200	1.000	0	96.4	72.6	126				
n-Butylbenzene	1.03	0.0200	1.000	0	103	65.3	136				
1,2-Dichlorobenzene	0.999	0.0200	1.000	0	99.9	72.8	126				
1,2-Dibromo-3-chloropropane	1.01	0.0300	1.000	0	101	61.2	139				
1,2,4-Trimethylbenzene	1.01	0.0200	1.000	0	101	77.5	129				
Hexachlorobutadiene	1.19	0.100	1.000	0	119	42	151				
Naphthalene	1.07	0.0300	1.000	0	107	62.3	134				
1,2,3-Trichlorobenzene	1.04	0.0200	1.000	0	104	62.1	140				
Surr: Dibromofluoromethane	2.49		2.500		99.4	63.7	129				
Surr: Toluene-d8	2.52		2.500		101	64.3	131				
Surr: 1-Bromo-4-fluorobenzene	2.52		2.500		101	63.1	141				

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1409300
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **MB-8863** SampType: **MBLK** Units: **mg/Kg** Prep Date: **9/26/2014** RunNo: **17103**
Client ID: **MBLKS** Batch ID: **8863** Analysis Date: **9/27/2014** SeqNo: **342609**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0600									
Chloromethane	ND	0.0600									
Vinyl chloride	ND	0.00200									
Bromomethane	ND	0.0900									
Trichlorofluoromethane (CFC-11)	ND	0.0500									
Chloroethane	ND	0.0600									
1,1-Dichloroethene	ND	0.0500									
Methylene chloride	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
Methyl tert-butyl ether (MTBE)	ND	0.0500									
1,1-Dichloroethane	ND	0.0200									
2,2-Dichloropropane	ND	0.0500									
cis-1,2-Dichloroethene	ND	0.0200									
Chloroform	ND	0.0200									
1,1,1-Trichloroethane (TCA)	ND	0.0200									
1,1-Dichloropropene	ND	0.0200									
Carbon tetrachloride	ND	0.0200									
1,2-Dichloroethane (EDC)	ND	0.0300									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
1,2-Dichloropropane	ND	0.0200									
Bromodichloromethane	ND	0.0200									
Dibromomethane	ND	0.0400									
cis-1,3-Dichloropropene	ND	0.0200									
Toluene	ND	0.0200									
trans-1,3-Dichloropropylene	ND	0.0300									
1,1,2-Trichloroethane	ND	0.0300									
1,3-Dichloropropane	ND	0.0500									
Tetrachloroethene (PCE)	ND	0.0200									

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1409300
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **MB-8863** SampType: **MBLK** Units: **mg/Kg** Prep Date: **9/26/2014** RunNo: **17103**
Client ID: **MBLKS** Batch ID: **8863** Analysis Date: **9/27/2014** SeqNo: **342609**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	ND	0.0300									
1,2-Dibromoethane (EDB)	ND	0.00500									
Chlorobenzene	ND	0.0200									
1,1,1,2-Tetrachloroethane	ND	0.0300									
Ethylbenzene	ND	0.0300									
m,p-Xylene	ND	0.0200									
o-Xylene	ND	0.0200									
Styrene	ND	0.0200									
Isopropylbenzene	ND	0.0800									
Bromoform	ND	0.0200									
1,1,2,2-Tetrachloroethane	ND	0.0200									
n-Propylbenzene	ND	0.0200									
Bromobenzene	ND	0.0300									
1,3,5-Trimethylbenzene	ND	0.0200									
2-Chlorotoluene	ND	0.0200									
4-Chlorotoluene	ND	0.0200									
tert-Butylbenzene	ND	0.0200									
1,2,3-Trichloropropane	ND	0.0200									
1,2,4-Trichlorobenzene	ND	0.0500									
sec-Butylbenzene	ND	0.0200									
4-Isopropyltoluene	ND	0.0200									
1,3-Dichlorobenzene	ND	0.0200									
1,4-Dichlorobenzene	ND	0.0200									
n-Butylbenzene	ND	0.0200									
1,2-Dichlorobenzene	ND	0.0200									
1,2-Dibromo-3-chloropropane	ND	0.0300									
1,2,4-Trimethylbenzene	ND	0.0200									
Hexachlorobutadiene	ND	0.100									
Naphthalene	ND	0.0300									

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1409300
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **MB-8863** SampType: **MBLK** Units: **mg/Kg** Prep Date: **9/26/2014** RunNo: **17103**
Client ID: **MBLKS** Batch ID: **8863** Analysis Date: **9/27/2014** SeqNo: **342609**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,3-Trichlorobenzene	ND	0.0200									
Surr: Dibromofluoromethane	2.63		2.500		105	63.7	129				
Surr: Toluene-d8	2.57		2.500		103	64.3	131				
Surr: 1-Bromo-4-fluorobenzene	2.44		2.500		97.5	63.1	141				

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1409300
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **1409260-002ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **9/26/2014** RunNo: **17037**
Client ID: **BATCH** Batch ID: **R17037** Analysis Date: **9/26/2014** SeqNo: **341440**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	1.00						0		30	
Chloromethane	ND	1.00						0		30	
Vinyl chloride	ND	0.200						0		30	
Trichlorofluoromethane (CFC-11)	ND	1.00						0		30	
Chloroethane	ND	1.00						0		30	
1,1-Dichloroethene	ND	1.00						0		30	
Methylene chloride	ND	1.00						0		30	
trans-1,2-Dichloroethene	ND	1.00						0		30	
1,1-Dichloroethane	ND	1.00						0		30	
2,2-Dichloropropane	ND	2.00						0		30	
cis-1,2-Dichloroethene	ND	1.00						0		30	
Chloroform	ND	1.00						0		30	
1,1,1-Trichloroethane (TCA)	ND	1.00						0		30	
1,1-Dichloropropene	ND	1.00						0		30	
Carbon tetrachloride	ND	1.00						0		30	
1,2-Dichloroethane	ND	1.00						0		30	
Trichloroethene (TCE)	ND	0.500						0		30	
1,2-Dichloropropane	ND	1.00						0		30	
Bromodichloromethane	ND	1.00						0		30	
cis-1,3-Dichloropropene	ND	1.00						0		30	
trans-1,3-Dichloropropene	ND	1.00						0		30	
1,1,2-Trichloroethane	ND	1.00						0		30	
1,3-Dichloropropane	ND	1.00						0		30	
Tetrachloroethene (PCE)	ND	1.00						0		30	
Dibromochloromethane	ND	1.00						0		30	
Chlorobenzene	ND	1.00						0		30	
1,1,1,2-Tetrachloroethane	ND	1.00						0		30	
1,1,2,2-Tetrachloroethane	ND	1.00						0		30	
2-Chlorotoluene	ND	1.00						0		30	

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1409300
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **1409260-002ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **9/26/2014** RunNo: **17037**
Client ID: **BATCH** Batch ID: **R17037** Analysis Date: **9/26/2014** SeqNo: **341440**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	1.00						0		30	
1,2,3-Trichloropropane	ND	1.00						0		30	
1,2,4-Trichlorobenzene	ND	2.00						0		30	
1,3-Dichlorobenzene	ND	1.00						0		30	
1,4-Dichlorobenzene	ND	1.00						0		30	
1,2-Dichlorobenzene	ND	1.00						0		30	
1,2-Dibromo-3-chloropropane	ND	1.00						0		30	
Hexachlorobutadiene	ND	4.00						0		30	
1,2,3-Trichlorobenzene	ND	4.00						0		30	
Surr: Dibromofluoromethane	50.8		50.00		102	61.7	130		0		
Surr: Toluene-d8	48.6		50.00		97.2	40.1	139		0		
Surr: 1-Bromo-4-fluorobenzene	52.0		50.00		104	68.2	127		0		

Sample ID: **MB-R17037** SampType: **MBLK** Units: **µg/L** Prep Date: **9/25/2014** RunNo: **17037**
Client ID: **MBLKW** Batch ID: **R17037** Analysis Date: **9/25/2014** SeqNo: **341449**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	1.00									
Chloromethane	ND	1.00									
Vinyl chloride	ND	0.200									
Trichlorofluoromethane (CFC-11)	ND	1.00									
Chloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
Methylene chloride	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
1,1-Dichloroethane	ND	1.00									
2,2-Dichloropropane	ND	2.00									
cis-1,2-Dichloroethene	ND	1.00									

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1409300
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **MB-R17037** SampType: **MBLK** Units: **µg/L** Prep Date: **9/25/2014** RunNo: **17037**
Client ID: **MBLKW** Batch ID: **R17037** Analysis Date: **9/25/2014** SeqNo: **341449**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	ND	1.00									
1,1,1-Trichloroethane (TCA)	ND	1.00									
1,1-Dichloropropene	ND	1.00									
Carbon tetrachloride	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Trichloroethene (TCE)	ND	0.500									
1,2-Dichloropropane	ND	1.00									
Bromodichloromethane	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
trans-1,3-Dichloropropene	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,3-Dichloropropane	ND	1.00									
Tetrachloroethene (PCE)	ND	1.00									
Dibromochloromethane	ND	1.00									
Chlorobenzene	ND	1.00									
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
2-Chlorotoluene	ND	1.00									
4-Chlorotoluene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	2.00									
1,3-Dichlorobenzene	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
Hexachlorobutadiene	ND	4.00									
1,2,3-Trichlorobenzene	ND	4.00									
Surr: Dibromofluoromethane	50.5		50.00		101	61.7	130				
Surr: Toluene-d8	49.4		50.00		98.8	40.1	139				

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1409300
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **MB-R17037** SampType: **MBLK** Units: **µg/L** Prep Date: **9/25/2014** RunNo: **17037**
Client ID: **MBLKW** Batch ID: **R17037** Analysis Date: **9/25/2014** SeqNo: **341449**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1-Bromo-4-fluorobenzene	50.0		50.00		100	68.2	127				

Sample ID: **1409260-005AMS** SampType: **MS** Units: **µg/L** Prep Date: **9/26/2014** RunNo: **17037**
Client ID: **BATCH** Batch ID: **R17037** Analysis Date: **9/26/2014** SeqNo: **341601**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	96.2	1.00	20.00	0	481	33.3	122				S
Chloromethane	36.5	1.00	20.00	0.3000	181	48.2	145				S
Vinyl chloride	34.0	0.200	20.00	0	170	58.1	158				S
Trichlorofluoromethane (CFC-11)	27.1	1.00	20.00	0	136	54.7	138				
Chloroethane	29.4	1.00	20.00	0	147	49.9	143				S
1,1-Dichloroethene	21.2	1.00	20.00	0	106	63	141				
Methylene chloride	19.8	1.00	20.00	0	98.8	61.6	135				
trans-1,2-Dichloroethene	19.4	1.00	20.00	0	96.8	63.5	138				
1,1-Dichloroethane	21.4	1.00	20.00	0	107	67.8	136				
2,2-Dichloropropane	11.2	2.00	20.00	0	56.2	31.5	121				
cis-1,2-Dichloroethene	18.7	1.00	20.00	0	93.3	67.1	123				
Chloroform	19.3	1.00	20.00	0	96.7	66.7	136				
1,1,1-Trichloroethane (TCA)	22.6	1.00	20.00	0	113	64.2	146				
1,1-Dichloropropene	20.4	1.00	20.00	0	102	73.8	136				
Carbon tetrachloride	22.1	1.00	20.00	0	110	62.7	146				
1,2-Dichloroethane	20.2	1.00	20.00	0	101	63.4	137				
Trichloroethene (TCE)	20.0	0.500	20.00	0	100	60.4	134				
1,2-Dichloropropane	18.4	1.00	20.00	0	91.8	62.6	138				
Bromodichloromethane	21.6	1.00	20.00	0	108	59.4	139				
cis-1,3-Dichloropropene	18.9	1.00	20.00	0	94.6	63.8	132				
trans-1,3-Dichloropropene	19.3	1.00	20.00	0	96.3	57.7	125				
1,1,2-Trichloroethane	20.8	1.00	20.00	0	104	59.4	127				

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1409300
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **1409260-005AMS** SampType: **MS** Units: **µg/L** Prep Date: **9/26/2014** RunNo: **17037**
Client ID: **BATCH** Batch ID: **R17037** Analysis Date: **9/26/2014** SeqNo: **341601**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichloropropane	19.4	1.00	20.00	0	96.9	64.3	135				
Tetrachloroethene (PCE)	21.5	1.00	20.00	0	107	50.3	133				
Dibromochloromethane	21.2	1.00	20.00	0	106	61.6	139				
Chlorobenzene	20.9	1.00	20.00	0	105	65.8	134				
1,1,1,2-Tetrachloroethane	20.8	1.00	20.00	0	104	65.4	135				
1,1,2,2-Tetrachloroethane	22.6	1.00	20.00	0	113	59.8	146				
2-Chlorotoluene	20.4	1.00	20.00	0	102	61.7	134				
4-Chlorotoluene	20.4	1.00	20.00	0	102	58.4	134				
1,2,3-Trichloropropane	22.0	1.00	20.00	0	110	62.4	129				
1,2,4-Trichlorobenzene	14.1	2.00	20.00	0.9000	66.2	50.9	133				
1,3-Dichlorobenzene	19.9	1.00	20.00	0	99.4	58.2	128				
1,4-Dichlorobenzene	19.1	1.00	20.00	0	95.5	60.1	123				
1,2-Dichlorobenzene	18.6	1.00	20.00	0	93.0	65.4	133				
1,2-Dibromo-3-chloropropane	19.0	1.00	20.00	0.7900	91.2	51.8	142				
Hexachlorobutadiene	18.5	4.00	20.00	0	92.4	58.1	130				
1,2,3-Trichlorobenzene	11.0	4.00	20.00	0	54.9	57	131				S
Surr: Dibromofluoromethane	48.4		50.00		96.8	61.7	130				
Surr: Toluene-d8	49.3		50.00		98.7	40.1	139				
Surr: 1-Bromo-4-fluorobenzene	50.8		50.00		102	68.2	127				

NOTES:
S - Outlying QC recoveries were associated with this sample. The method is in control as indicated by the LCS.

Sample Log-In Check List

Client Name:	**GL**	Work Order Number:	**1409300**
Logged by:	**Erica Silva**	Date Received:	**9/25/2014 12:24:00 PM**

Chain of Custody

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

Log In

3.	Coolers are present?	Yes ☑	No ☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes ☑	No ☐	
5.	Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Required ☑
6.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
7.	Were all coolers received at a temperature of >0°C to 10.0°C	Yes ☑	No ☐	NA ☐
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 the 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)

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

Person Notified:		Date:	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

19. Additional remarks:

Item Information

Item #	Temp ºC	Condition
Cooler	6.2	Good
Sample	9.8	Good

Fremont Analytical

Chain of Custody Record

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

Laboratory Project No (internal): 1409300

Date: 9/25/14

Page: 1 of: 1

Client: G-Logics
Address: 40 3rd Ave SE
City, State, Zip: Issaquah
Tel: 425-391-6874
Reports To (PM):
Fax:

Project Name: Gilman Square
Location: Issaquah, WA
Collected by: S Hyde
Email:
Project No: 01-0368-J

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

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOC (EPA 8260)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SEMI VOL (EPA 8270)	PAH (EPA 8270 - SIM)	PCB's (EPA 8082)	Metals** (6020 / 200.8) Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Comments/Depth
1	BakerOA1737-092514	9/25	1030	H_2O	x	Cl-Solvents							x					24-hr turnaround
2	NScale-092514	↓	1045	↓	x	Cl-Solvents							x					↓
3	Exc-GW-092514	↓	1050	↓	x	Cl-Solvents							x					↓
4	SP-1	↓		Soil	x		x		x									3-Day turnaround
5	SP-2	↓		↓	x		x		x									↓
6	SP-3	↓		↓	x		x		x									↓
7																		
8																		
9																		
10																		

**Metals Analysis (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

Special Remarks:

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)

Relinquished	Date/Time	Received	Date/Time
x [signature]	9/25/14 1224	x [signature]	9/25/14 1224
Relinquished	Date/Time	Received	Date/Time
x		x	

TAT -> SameDay NextDay 2 Day 3 Day STD

^Please coordinate with the lab in advance

Distribution: White - Lab, Yellow - File, Pink - Originator

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

G-Logics
Stuart Hyde
40 Second Ave. SE
Issaquah, WA 98027

RE: Gilman Square
Lab ID: 1409351

October 01, 2014

Attention Stuart Hyde:

Fremont Analytical, Inc. received 4 sample(s) on 9/30/2014 for the analyses presented in the following report.

Total Metals by EPA Method 200.8
Volatile Organic Compounds by EPA Method 8260

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,

Mike Ridgeway
President

Date: *10/01/2014*

CLIENT: G-Logics
Project: Gilman Square
Lab Order: 1409351

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1409351-001	Exc-GW-093014	09/30/2014 7:50 AM	09/30/2014 9:22 AM
1409351-002	Sswale-093014	09/30/2014 7:55 AM	09/30/2014 9:22 AM
1409351-003	NSwale-093014	09/30/2014 8:00 AM	09/30/2014 9:22 AM
1409351-004	Baker0A1736-093014	09/30/2014 8:05 AM	09/30/2014 9:22 AM

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

Case Narrative

WO#: **1409351**
Date: **10/1/2014**

CLIENT: G-Logics
Project: Gilman Square

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.

Client: G-Logics **Collection Date:** 9/30/2014 7:50:00 AM
Project: Gilman Square
Lab ID: 1409351-001 **Matrix:** Water
Client Sample ID: Exc-GW-093014

Volatile Organic Compounds by EPA Method 8260

Batch ID: R17129 Analyst: BC

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM
Chloromethane	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM
Vinyl chloride	ND	0.200		µg/L	1	9/30/2014 3:47:00 PM
Trichlorofluoromethane (CFC-11)	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM
Chloroethane	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM
Methylene chloride	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM
2,2-Dichloropropane	ND	2.00		µg/L	1	9/30/2014 3:47:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM
Chloroform	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM
1,1,1-Trichloroethane (TCA)	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM
Trichloroethene (TCE)	ND	0.500		µg/L	1	9/30/2014 3:47:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM
Tetrachloroethene (PCE)	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM
Chlorobenzene	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM
1,2,4-Trichlorobenzene	ND	2.00		µg/L	1	9/30/2014 3:47:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1409351**
Date Reported: **10/1/2014**

Client: G-Logics
Collection Date: 9/30/2014 7:50:00 AM
Project: Gilman Square
Lab ID: 1409351-001
Matrix: Water
Client Sample ID: Exc-GW-093014

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R17129		Analyst: BC
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	9/30/2014 3:47:00 PM
Hexachlorobutadiene	ND	4.00		µg/L	1	9/30/2014 3:47:00 PM
1,2,3-Trichlorobenzene	ND	4.00		µg/L	1	9/30/2014 3:47:00 PM
Surr: Dibromofluoromethane	101	61.7-130		%REC	1	9/30/2014 3:47:00 PM
Surr: Toluene-d8	88.2	40.1-139		%REC	1	9/30/2014 3:47:00 PM
Surr: 1-Bromo-4-fluorobenzene	94.6	68.2-127		%REC	1	9/30/2014 3:47:00 PM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Client: G-Logics **Collection Date:** 9/30/2014 7:55:00 AM
Project: Gilman Square
Lab ID: 1409351-002 **Matrix:** Water
Client Sample ID: Sswale-093014

Volatile Organic Compounds by EPA Method 8260

Batch ID: R17129 Analyst: BC

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM
Chloromethane	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM
Vinyl chloride	ND	0.200		µg/L	1	9/30/2014 4:17:00 PM
Trichlorofluoromethane (CFC-11)	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM
Chloroethane	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM
Methylene chloride	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM
2,2-Dichloropropane	ND	2.00		µg/L	1	9/30/2014 4:17:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM
Chloroform	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM
1,1,1-Trichloroethane (TCA)	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM
Trichloroethene (TCE)	ND	0.500		µg/L	1	9/30/2014 4:17:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM
Tetrachloroethene (PCE)	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM
Chlorobenzene	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM
1,2,4-Trichlorobenzene	ND	2.00		µg/L	1	9/30/2014 4:17:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1409351**
Date Reported: **10/1/2014**

Client: G-Logics
Collection Date: 9/30/2014 7:55:00 AM
Project: Gilman Square
Lab ID: 1409351-002
Matrix: Water
Client Sample ID: Sswale-093014

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R17129		Analyst: BC
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	9/30/2014 4:17:00 PM
Hexachlorobutadiene	ND	4.00		µg/L	1	9/30/2014 4:17:00 PM
1,2,3-Trichlorobenzene	ND	4.00		µg/L	1	9/30/2014 4:17:00 PM
Surr: Dibromofluoromethane	102	61.7-130		%REC	1	9/30/2014 4:17:00 PM
Surr: Toluene-d8	88.9	40.1-139		%REC	1	9/30/2014 4:17:00 PM
Surr: 1-Bromo-4-fluorobenzene	94.6	68.2-127		%REC	1	9/30/2014 4:17:00 PM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Client: G-Logics
Collection Date: 9/30/2014 8:00:00 AM
Project: Gilman Square
Lab ID: 1409351-003
Matrix: Water
Client Sample ID: NSwale-093014

Volatile Organic Compounds by EPA Method 8260

Batch ID: R17129 Analyst: BC

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM
Chloromethane	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM
Vinyl chloride	ND	0.200		µg/L	1	9/30/2014 4:47:00 PM
Trichlorofluoromethane (CFC-11)	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM
Chloroethane	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM
Methylene chloride	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM
2,2-Dichloropropane	ND	2.00		µg/L	1	9/30/2014 4:47:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM
Chloroform	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM
1,1,1-Trichloroethane (TCA)	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM
Trichloroethene (TCE)	ND	0.500		µg/L	1	9/30/2014 4:47:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM
Tetrachloroethene (PCE)	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM
Chlorobenzene	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM
1,2,4-Trichlorobenzene	ND	2.00		µg/L	1	9/30/2014 4:47:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1409351**
Date Reported: **10/1/2014**

Client: G-Logics
Collection Date: 9/30/2014 8:00:00 AM
Project: Gilman Square
Lab ID: 1409351-003
Matrix: Water
Client Sample ID: **NSwale-093014**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R17129		Analyst: BC
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	9/30/2014 4:47:00 PM
Hexachlorobutadiene	ND	4.00		µg/L	1	9/30/2014 4:47:00 PM
1,2,3-Trichlorobenzene	ND	4.00		µg/L	1	9/30/2014 4:47:00 PM
Surr: Dibromofluoromethane	102	61.7-130		%REC	1	9/30/2014 4:47:00 PM
Surr: Toluene-d8	91.5	40.1-139		%REC	1	9/30/2014 4:47:00 PM
Surr: 1-Bromo-4-fluorobenzene	95.7	68.2-127		%REC	1	9/30/2014 4:47:00 PM
Total Metals by EPA Method 200.8				Batch ID: 8879		Analyst: TN
Arsenic	2.88	1.00		µg/L	1	9/30/2014 4:08:04 PM
Chromium	5.84	0.500		µg/L	1	9/30/2014 4:08:04 PM
Lead	1.57	1.00		µg/L	1	9/30/2014 4:08:04 PM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Client: G-Logics **Collection Date:** 9/30/2014 8:05:00 AM
Project: Gilman Square
Lab ID: 1409351-004 **Matrix:** Water
Client Sample ID: Baker0A1736-093014

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R17129		Analyst: BC
Dichlorodifluoromethane	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM
Chloromethane	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM
Vinyl chloride	ND	0.200		µg/L	1	9/30/2014 5:16:00 PM
Trichlorofluoromethane (CFC-11)	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM
Chloroethane	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM
Methylene chloride	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM
2,2-Dichloropropane	ND	2.00		µg/L	1	9/30/2014 5:16:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM
Chloroform	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM
1,1,1-Trichloroethane (TCA)	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM
Trichloroethene (TCE)	ND	0.500		µg/L	1	9/30/2014 5:16:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM
Tetrachloroethene (PCE)	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM
Chlorobenzene	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM
1,2,4-Trichlorobenzene	ND	2.00		µg/L	1	9/30/2014 5:16:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1409351**
Date Reported: **10/1/2014**

Client: G-Logics
Collection Date: 9/30/2014 8:05:00 AM
Project: Gilman Square
Lab ID: 1409351-004
Matrix: Water
Client Sample ID: **Baker0A1736-093014**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R17129		Analyst: BC
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	9/30/2014 5:16:00 PM
Hexachlorobutadiene	ND	4.00		µg/L	1	9/30/2014 5:16:00 PM
1,2,3-Trichlorobenzene	ND	4.00		µg/L	1	9/30/2014 5:16:00 PM
Surr: Dibromofluoromethane	103	61.7-130		%REC	1	9/30/2014 5:16:00 PM
Surr: Toluene-d8	90.7	40.1-139		%REC	1	9/30/2014 5:16:00 PM
Surr: 1-Bromo-4-fluorobenzene	94.1	68.2-127		%REC	1	9/30/2014 5:16:00 PM
Total Metals by EPA Method 200.8				Batch ID: 8879		Analyst: TN
Arsenic	3.60	1.00		µg/L	1	9/30/2014 4:58:55 PM
Chromium	6.40	0.500		µg/L	1	9/30/2014 4:58:55 PM
Lead	8.26	1.00		µg/L	1	9/30/2014 4:58:55 PM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1409351
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Total Metals by EPA Method 200.8

Sample ID: **MB-8879**	SampType: **MBLK**	Units: **µg/L**	Prep Date: **9/30/2014**	RunNo: **17145**
Client ID: **MBLKW**	Batch ID: **8879**		Analysis Date: **9/30/2014**	SeqNo: **343212**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.00									
Chromium	ND	0.500									
Lead	ND	1.00									

Sample ID: **LCS-8879**	SampType: **LCS**	Units: **µg/L**	Prep Date: **9/30/2014**	RunNo: **17145**
Client ID: **LCSW**	Batch ID: **8879**		Analysis Date: **9/30/2014**	SeqNo: **343213**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	104	1.00	100.0	0	104	85	115				
Chromium	113	0.500	100.0	0	113	85	115				
Lead	47.0	1.00	50.00	0	93.9	85	115				

Sample ID: **1409351-003BDUP**	SampType: **DUP**	Units: **µg/L**	Prep Date: **9/30/2014**	RunNo: **17145**
Client ID: **NSwale-093014**	Batch ID: **8879**		Analysis Date: **9/30/2014**	SeqNo: **343215**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	2.91	1.00						2.884	0.812	30	
Chromium	6.32	0.500						5.840	7.88	30	
Lead	1.61	1.00						1.568	2.43	30	

Sample ID: **1409351-003BMS**	SampType: **MS**	Units: **µg/L**	Prep Date: **9/30/2014**	RunNo: **17145**
Client ID: **NSwale-093014**	Batch ID: **8879**		Analysis Date: **9/30/2014**	SeqNo: **343274**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	542	1.00	500.0	2.884	108	70	130				
Chromium	544	0.500	500.0	5.840	108	70	130				
Lead	236	1.00	250.0	1.568	93.7	70	130				

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1409351
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Total Metals by EPA Method 200.8

Sample ID: **1409351-003BMS** SampType: **MS** Units: **µg/L** Prep Date: **9/30/2014** RunNo: **17145**
Client ID: **NSwale-093014** Batch ID: **8879** Analysis Date: **9/30/2014** SeqNo: **343274**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **1409351-003BMSD** SampType: **MSD** Units: **µg/L** Prep Date: **9/30/2014** RunNo: **17145**
Client ID: **NSwale-093014** Batch ID: **8879** Analysis Date: **9/30/2014** SeqNo: **343275**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	528	1.00	500.0	2.884	105	70	130	542.4	2.62	30	
Chromium	538	0.500	500.0	5.840	106	70	130	544.3	1.26	30	
Lead	234	1.00	250.0	1.568	93.2	70	130	235.8	0.579	30	

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1409351
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **1409322-001FDUP** SampType: **DUP** Units: **µg/L** Prep Date: **9/30/2014** RunNo: **17129**
Client ID: **BATCH** Batch ID: **R17129** Analysis Date: **9/30/2014** SeqNo: **342883**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	1.00						0		30	
Chloromethane	ND	1.00						0		30	
Vinyl chloride	ND	0.200						0		30	
Trichlorofluoromethane (CFC-11)	ND	1.00						0		30	
Chloroethane	ND	1.00						0		30	
1,1-Dichloroethene	ND	1.00						0		30	
Methylene chloride	ND	1.00						0		30	
trans-1,2-Dichloroethene	ND	1.00						0		30	
1,1-Dichloroethane	ND	1.00						0		30	
2,2-Dichloropropane	ND	2.00						0		30	
cis-1,2-Dichloroethene	ND	1.00						0		30	
Chloroform	ND	1.00						0		30	
1,1,1-Trichloroethane (TCA)	ND	1.00						0		30	
1,1-Dichloropropene	ND	1.00						0		30	
Carbon tetrachloride	ND	1.00						0		30	
1,2-Dichloroethane	ND	1.00						0		30	
Trichloroethene (TCE)	ND	0.500						0		30	
1,2-Dichloropropane	ND	1.00						0		30	
Bromodichloromethane	ND	1.00						0		30	
cis-1,3-Dichloropropene	ND	1.00						0		30	
trans-1,3-Dichloropropene	ND	1.00						0		30	
1,1,2-Trichloroethane	ND	1.00						0		30	
1,3-Dichloropropane	ND	1.00						0		30	
Tetrachloroethene (PCE)	ND	1.00						0		30	
Dibromochloromethane	ND	1.00						0		30	
Chlorobenzene	ND	1.00						0		30	
1,1,1,2-Tetrachloroethane	ND	1.00						0		30	
1,1,2,2-Tetrachloroethane	ND	1.00						0		30	
2-Chlorotoluene	ND	1.00						0		30	

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1409351
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **1409322-001FDUP** SampType: **DUP** Units: **µg/L** Prep Date: **9/30/2014** RunNo: **17129**
Client ID: **BATCH** Batch ID: **R17129** Analysis Date: **9/30/2014** SeqNo: **342883**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	1.00						0		30	
1,2,3-Trichloropropane	ND	1.00						0		30	
1,2,4-Trichlorobenzene	ND	2.00						0		30	
1,3-Dichlorobenzene	ND	1.00						0		30	
1,4-Dichlorobenzene	ND	1.00						0		30	
1,2-Dichlorobenzene	ND	1.00						0		30	
1,2-Dibromo-3-chloropropane	ND	1.00						0		30	
Hexachlorobutadiene	ND	4.00						0		30	
1,2,3-Trichlorobenzene	ND	4.00						0		30	
Surr: Dibromofluoromethane	50.1		50.00		100	61.7	130		0		
Surr: Toluene-d8	45.4		50.00		90.9	40.1	139		0		
Surr: 1-Bromo-4-fluorobenzene	48.0		50.00		96.0	68.2	127		0		

Sample ID: **1409335-025AMS** SampType: **MS** Units: **µg/L** Prep Date: **9/30/2014** RunNo: **17129**
Client ID: **BATCH** Batch ID: **R17129** Analysis Date: **9/30/2014** SeqNo: **342895**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	16.8	1.00	20.00	0	83.8	33.3	122				
Chloromethane	ND	1.00	20.00	0	0	48.2	145				S
Vinyl chloride	175	0.200	20.00	198.9	-118	58.1	158				SE
Trichlorofluoromethane (CFC-11)	17.2	1.00	20.00	0	85.8	54.7	138				
Chloroethane	228	1.00	20.00	557.3	-1,650	49.9	143				SE
1,1-Dichloroethene	21.4	1.00	20.00	0.1866	106	63	141				
Methylene chloride	21.8	1.00	20.00	1.356	102	61.6	135				
trans-1,2-Dichloroethene	62.5	1.00	20.00	38.62	119	63.5	138				
1,1-Dichloroethane	84.3	1.00	20.00	63.61	104	67.8	136				E
2,2-Dichloropropane	16.0	2.00	20.00	0	80.2	31.5	121				
cis-1,2-Dichloroethene	80.9	1.00	20.00	63.12	88.9	67.1	123				E

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1409351
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **1409335-025AMS** SampType: **MS** Units: **µg/L** Prep Date: **9/30/2014** RunNo: **17129**
Client ID: **BATCH** Batch ID: **R17129** Analysis Date: **9/30/2014** SeqNo: **342895**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	11.1	1.00	20.00	0	55.7	66.7	136				S
1,1,1-Trichloroethane (TCA)	23.1	1.00	20.00	0	116	64.2	146				
1,1-Dichloropropene	23.2	1.00	20.00	0	116	73.8	136				
Carbon tetrachloride	20.7	1.00	20.00	0	104	62.7	146				
1,2-Dichloroethane	19.2	1.00	20.00	0	95.9	63.4	137				
Trichloroethene (TCE)	23.6	0.500	20.00	0	118	60.4	134				
1,2-Dichloropropane	29.1	1.00	20.00	2.292	134	62.6	138				
Bromodichloromethane	21.7	1.00	20.00	0	109	59.4	139				
cis-1,3-Dichloropropene	22.3	1.00	20.00	0	111	63.8	132				
trans-1,3-Dichloropropene	22.7	1.00	20.00	0	114	57.7	125				
1,1,2-Trichloroethane	24.6	1.00	20.00	0	123	59.4	127				
1,3-Dichloropropane	26.6	1.00	20.00	0	133	64.3	135				
Tetrachloroethene (PCE)	26.3	1.00	20.00	0	132	50.3	133				
Dibromochloromethane	21.2	1.00	20.00	0	106	61.6	139				
Chlorobenzene	22.4	1.00	20.00	0	112	65.8	134				
1,1,1,2-Tetrachloroethane	21.7	1.00	20.00	0	109	65.4	135				
1,1,2,2-Tetrachloroethane	21.9	1.00	20.00	0	109	59.8	146				
2-Chlorotoluene	20.4	1.00	20.00	0	102	61.7	134				
4-Chlorotoluene	54.0	1.00	20.00	0	270	58.4	134				S
1,2,3-Trichloropropane	26.1	1.00	20.00	0	131	62.4	129				S
1,2,4-Trichlorobenzene	23.6	2.00	20.00	0	118	50.9	133				
1,3-Dichlorobenzene	25.3	1.00	20.00	0	127	58.2	128				
1,4-Dichlorobenzene	21.2	1.00	20.00	0	106	60.1	123				
1,2-Dichlorobenzene	22.3	1.00	20.00	0	111	65.4	133				
1,2-Dibromo-3-chloropropane	19.9	1.00	20.00	0	99.5	51.8	142				
Hexachlorobutadiene	19.4	4.00	20.00	0	97.2	58.1	130				
1,2,3-Trichlorobenzene	21.8	4.00	20.00	0	109	57	131				
Surr: Dibromofluoromethane	48.3		50.00		96.5	61.7	130				
Surr: Toluene-d8	51.9		50.00		104	40.1	139				

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1409351
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **1409335-025AMS** SampType: **MS** Units: **µg/L** Prep Date: **9/30/2014** RunNo: **17129**
Client ID: **BATCH** Batch ID: **R17129** Analysis Date: **9/30/2014** SeqNo: **342895**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1-Bromo-4-fluorobenzene	59.8		50.00		120	68.2	127				

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.
S - Analyte concentration too high for accurate MS recovery.

Sample ID: **1409335-025AMSD** SampType: **MSD** Units: **µg/L** Prep Date: **9/30/2014** RunNo: **17129**
Client ID: **BATCH** Batch ID: **R17129** Analysis Date: **9/30/2014** SeqNo: **342896**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	17.0	1.00	20.00	0	85.2	33.3	122	16.76	1.60	30	
Chloromethane	ND	1.00	20.00	0	0	48.2	145	0		30	S
Vinyl chloride	164	0.200	20.00	198.9	-173	58.1	158	175.3	6.55	30	SE
Trichlorofluoromethane (CFC-11)	18.7	1.00	20.00	0	93.5	54.7	138	17.16	8.60	30	
Chloroethane	201	1.00	20.00	557.3	-1,780	49.9	143	228.2	12.8	30	SE
1,1-Dichloroethene	22.1	1.00	20.00	0.1866	110	63	141	21.41	3.24	30	
Methylene chloride	21.7	1.00	20.00	1.356	102	61.6	135	21.84	0.657	30	
trans-1,2-Dichloroethene	62.3	1.00	20.00	38.62	118	63.5	138	62.50	0.387	30	
1,1-Dichloroethane	81.8	1.00	20.00	63.61	91.1	67.8	136	84.34	3.02	30	E
2,2-Dichloropropane	17.3	2.00	20.00	0	86.6	31.5	121	16.04	7.73	30	
cis-1,2-Dichloroethene	70.9	1.00	20.00	63.12	38.8	67.1	123	80.91	13.2	30	SE
Chloroform	10.8	1.00	20.00	0	54.0	66.7	136	11.14	3.14	30	S
1,1,1-Trichloroethane (TCA)	23.4	1.00	20.00	0	117	64.2	146	23.13	1.03	30	
1,1-Dichloropropene	23.1	1.00	20.00	0	115	73.8	136	23.21	0.557	30	
Carbon tetrachloride	20.7	1.00	20.00	0	103	62.7	146	20.73	0.237	30	
1,2-Dichloroethane	18.6	1.00	20.00	0	93.1	63.4	137	19.18	3.00	30	
Trichloroethene (TCE)	23.8	0.500	20.00	0	119	60.4	134	23.64	0.749	30	
1,2-Dichloropropane	28.2	1.00	20.00	2.292	130	62.6	138	29.07	2.89	30	
Bromodichloromethane	21.3	1.00	20.00	0	107	59.4	139	21.74	2.02	30	
cis-1,3-Dichloropropene	23.2	1.00	20.00	0	116	63.8	132	22.26	3.97	30	

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1409351
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **1409335-025AMSD** SampType: **MSD** Units: **µg/L** Prep Date: **9/30/2014** RunNo: **17129**
Client ID: **BATCH** Batch ID: **R17129** Analysis Date: **9/30/2014** SeqNo: **342896**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropene	23.7	1.00	20.00	0	118	57.7	125	22.74	4.01	30	
1,1,2-Trichloroethane	24.5	1.00	20.00	0	122	59.4	127	24.64	0.793	30	
1,3-Dichloropropane	26.1	1.00	20.00	0	131	64.3	135	26.63	1.93	30	
Tetrachloroethene (PCE)	26.2	1.00	20.00	0	131	50.3	133	26.31	0.575	30	
Dibromochloromethane	21.0	1.00	20.00	0	105	61.6	139	21.20	0.817	30	
Chlorobenzene	22.8	1.00	20.00	0	114	65.8	134	22.38	1.88	30	
1,1,1,2-Tetrachloroethane	22.0	1.00	20.00	0	110	65.4	135	21.74	1.39	30	
1,1,2,2-Tetrachloroethane	22.4	1.00	20.00	0	112	59.8	146	21.86	2.48	30	
2-Chlorotoluene	21.1	1.00	20.00	0	105	61.7	134	20.45	3.13	30	
4-Chlorotoluene	53.0	1.00	20.00	0	265	58.4	134	54.01	1.84	30	S
1,2,3-Trichloropropane	26.8	1.00	20.00	0	134	62.4	129	26.12	2.74	30	S
1,2,4-Trichlorobenzene	24.3	2.00	20.00	0	122	50.9	133	23.62	2.91	30	
1,3-Dichlorobenzene	26.1	1.00	20.00	0	130	58.2	128	25.31	2.99	30	S
1,4-Dichlorobenzene	21.9	1.00	20.00	0	110	60.1	123	21.22	3.31	30	
1,2-Dichlorobenzene	23.1	1.00	20.00	0	116	65.4	133	22.29	3.59	30	
1,2-Dibromo-3-chloropropane	22.2	1.00	20.00	0	111	51.8	142	19.89	10.8	30	
Hexachlorobutadiene	20.3	4.00	20.00	0	101	58.1	130	19.43	4.21	30	
1,2,3-Trichlorobenzene	22.4	4.00	20.00	0	112	57	131	21.76	2.84	30	
Surr: Dibromofluoromethane	46.7		50.00		93.4	61.7	130		0	0	
Surr: Toluene-d8	49.9		50.00		99.7	40.1	139		0	0	
Surr: 1-Bromo-4-fluorobenzene	59.7		50.00		119	68.2	127		0	0	

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.
S - Analyte concentration too high for accurate MS recovery.

Work Order: 1409351
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCS-R17129** SampType: **LCS** Units: **µg/L** Prep Date: **9/30/2014** RunNo: **17129**
Client ID: **LCSW** Batch ID: **R17129** Analysis Date: **9/30/2014** SeqNo: **342897**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	19.5	1.00	20.00	0	97.3	43	136				
Chloromethane	19.3	1.00	20.00	0	96.4	43.9	139				
Vinyl chloride	19.9	0.200	20.00	0	99.3	53.6	139				
Trichlorofluoromethane (CFC-11)	19.0	1.00	20.00	0	94.9	63.7	133				
Chloroethane	11.9	1.00	20.00	0	59.6	53	141				
1,1-Dichloroethene	20.8	1.00	20.00	0	104	65.6	136				
Methylene chloride	21.1	1.00	20.00	0	106	67.1	131				
trans-1,2-Dichloroethene	22.7	1.00	20.00	0	114	71.7	129				
1,1-Dichloroethane	23.0	1.00	20.00	0	115	67.9	134				
2,2-Dichloropropane	16.0	2.00	20.00	0	79.9	33.7	152				
cis-1,2-Dichloroethene	22.7	1.00	20.00	0	113	71.1	130				
Chloroform	21.5	1.00	20.00	0	107	76.7	124				
1,1,1-Trichloroethane (TCA)	22.2	1.00	20.00	0	111	71	131				
1,1-Dichloropropene	22.6	1.00	20.00	0	113	74.5	126				
Carbon tetrachloride	20.7	1.00	20.00	0	103	66.2	134				
1,2-Dichloroethane	19.6	1.00	20.00	0	97.8	70	129				
Trichloroethene (TCE)	21.5	0.500	20.00	0	107	65.2	136				
1,2-Dichloropropane	22.7	1.00	20.00	0	113	70.5	130				
Bromodichloromethane	21.3	1.00	20.00	0	107	74.6	127				
cis-1,3-Dichloropropene	20.4	1.00	20.00	0	102	62.6	137				
trans-1,3-Dichloropropene	20.0	1.00	20.00	0	100	58.5	142				
1,1,2-Trichloroethane	20.1	1.00	20.00	0	100	76	124				
1,3-Dichloropropane	23.6	1.00	20.00	0	118	73.5	127				
Tetrachloroethene (PCE)	23.1	1.00	20.00	0	116	47.5	147				
Dibromochloromethane	20.8	1.00	20.00	0	104	67.2	134				
Chlorobenzene	21.2	1.00	20.00	0	106	73.9	126				
1,1,1,2-Tetrachloroethane	20.9	1.00	20.00	0	105	76.8	124				
1,1,2,2-Tetrachloroethane	19.4	1.00	20.00	0	97.1	62.9	132				
2-Chlorotoluene	19.7	1.00	20.00	0	98.6	70.8	130				

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1409351
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCS-R17129** SampType: **LCS** Units: **µg/L** Prep Date: **9/30/2014** RunNo: **17129**
Client ID: **LCSW** Batch ID: **R17129** Analysis Date: **9/30/2014** SeqNo: **342897**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chlorotoluene	20.9	1.00	20.00	0	105	70.1	131				
1,2,3-Trichloropropane	22.6	1.00	20.00	0	113	67.7	131				
1,2,4-Trichlorobenzene	19.5	2.00	20.00	0	97.3	67.6	129				
1,3-Dichlorobenzene	23.4	1.00	20.00	0	117	72.4	129				
1,4-Dichlorobenzene	20.0	1.00	20.00	0	100	70.6	128				
1,2-Dichlorobenzene	19.5	1.00	20.00	0	97.7	74.2	129				
1,2-Dibromo-3-chloropropane	19.2	1.00	20.00	0	96.1	63.1	136				
Hexachlorobutadiene	18.2	4.00	20.00	0	91.1	58.6	138				
1,2,3-Trichlorobenzene	19.4	4.00	20.00	0	97.1	50.2	139				
Surr: Dibromofluoromethane	52.4		50.00		105	61.7	130				
Surr: Toluene-d8	52.4		50.00		105	40.1	139				
Surr: 1-Bromo-4-fluorobenzene	52.2		50.00		104	68.2	127				

Sample ID: **MB-R17129** SampType: **MBLK** Units: **µg/L** Prep Date: **9/30/2014** RunNo: **17129**
Client ID: **MBLKW** Batch ID: **R17129** Analysis Date: **9/30/2014** SeqNo: **342901**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	1.00									
Chloromethane	ND	1.00									
Vinyl chloride	ND	0.200									
Trichlorofluoromethane (CFC-11)	ND	1.00									
Chloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
Methylene chloride	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
1,1-Dichloroethane	ND	1.00									
2,2-Dichloropropane	ND	2.00									
cis-1,2-Dichloroethene	ND	1.00									

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1409351
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **MB-R17129** SampType: **MBLK** Units: **µg/L** Prep Date: **9/30/2014** RunNo: **17129**
Client ID: **MBLKW** Batch ID: **R17129** Analysis Date: **9/30/2014** SeqNo: **342901**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	ND	1.00									
1,1,1-Trichloroethane (TCA)	ND	1.00									
1,1-Dichloropropene	ND	1.00									
Carbon tetrachloride	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Trichloroethene (TCE)	ND	0.500									
1,2-Dichloropropane	ND	1.00									
Bromodichloromethane	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
trans-1,3-Dichloropropene	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,3-Dichloropropane	ND	1.00									
Tetrachloroethene (PCE)	ND	1.00									
Dibromochloromethane	ND	1.00									
Chlorobenzene	ND	1.00									
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
2-Chlorotoluene	ND	1.00									
4-Chlorotoluene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	2.00									
1,3-Dichlorobenzene	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
Hexachlorobutadiene	ND	4.00									
1,2,3-Trichlorobenzene	ND	4.00									
Surr: Dibromofluoromethane	51.5		50.00		103	61.7	130				
Surr: Toluene-d8	47.5		50.00		95.0	40.1	139				

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Date: *10/1/2014*

Work Order: 1409351
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **MB-R17129** SampType: **MBLK** Units: **µg/L** Prep Date: **9/30/2014** RunNo: **17129**
Client ID: **MBLKW** Batch ID: **R17129** Analysis Date: **9/30/2014** SeqNo: **342901**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1-Bromo-4-fluorobenzene	46.4		50.00		92.8	68.2	127				

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Sample Log-In Check List

Client Name:	**GL**	Work Order Number:	**1409351**
Logged by:	**Erica Silva**	Date Received:	**9/30/2014 9:22:00 AM**

Chain of Custody

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

Log In

3.	Coolers are present?	Yes ☑	No ☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes ☑	No ☐	
5.	Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Required ☑
6.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
7.	Were all coolers received at a temperature of >0°C to 10.0°C	Yes ☐	No ☑	NA ☐
	Samples received straight from field			
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 the 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)

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

Person Notified:		Date:	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

19. Additional remarks:

Item Information

Item #	Temp °C	Condition
Cooler	12.3	
Sample	13.2	

Fremont Analytical

Chain of Custody Record

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

Laboratory Project No (internal): 1409351

Date: 9/30/14

Page: 1 of: 1

Client: G-logics
Address: 40 2nd Ave SE
City, State, Zip: Issaquah Tel: 425-391-6874
Reports To (PM): S Hyde Fax:

Project Name: Gilman Square
Location: Issaquah
Collected by: S Hyde
Email: Shyde@g-logics.com Project No: 01-0868-J

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

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOC (EPA 8260)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SEMI VOL (EPA 8270 - SIM)	PAH (EPA 8270 - SIM)	PCBs (EPA 8082)	Metals** (6020 / 200.8)	Total (T) / Dissolved (D)	Anions (IC)***	EDB (8011)	Comments/Depth
1	Exc-GL-093014	9/30	0750	H2O	X													Cl-Solvents Only
2	SSwale-093014	"	0755	"	X													↓
3	NSwale-093014	"	0800	"	X									X				Chromium Arsenic, lea
4	BeherOA1736-093014	"	0805	"	X									X				" " 6.
5																		
6																		
7																		
8																		
9																		
10																		

**Metals Analysis (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

Special Remarks:

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)

Relinquished	Date/Time	Received	Date/Time
x [signature]	9/30/14 922	x [signature]	9-30-14 9:22
x		x	

TAT -> SameDay^ NextDay^ 2 Day 3 Day STD

*Please coordinate with the lab in advance

Distribution: White - Lab, Yellow - File, Pink - Originator

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

G-Logics
Stuart Hyde
40 Second Ave. SE
Issaquah, WA 98027

RE: Gilman Square
Lab ID: 1410085

October 13, 2014

Attention Stuart Hyde:

Fremont Analytical, Inc. received 4 sample(s) on 10/10/2014 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260

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,

Mike Ridgeway
President

Date: *10/13/2014*

CLIENT: G-Logics
Project: Gilman Square
Lab Order: 1410085

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1410085-001	NSW-6-6'	10/10/2014 12:30 PM	10/10/2014 1:30 PM
1410085-002	NSW-7-6'	10/10/2014 12:35 PM	10/10/2014 1:30 PM
1410085-003	B-8-7'	10/10/2014 12:40 PM	10/10/2014 1:30 PM
1410085-004	B-9-7'	10/10/2014 12:50 PM	10/10/2014 1:30 PM

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

Case Narrative

WO#: **1410085**
Date: **10/13/2014**

CLIENT: G-Logics
Project: Gilman Square

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.

Analytical Report

WO#: **1410085**
Date Reported: **10/13/2014**

Client: G-Logics
Collection Date: 10/10/2014 12:30:00 PM
Project: Gilman Square
Lab ID: 1410085-001
Matrix: Soil
Client Sample ID: NSW-6-6'

Volatile Organic Compounds by EPA Method 8260

Batch ID: 8999 Analyst: BC

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane (CFC-12)	ND	0.0804		mg/Kg-dry	1	10/12/2014 6:38:00 AM
Chloromethane	ND	0.0804		mg/Kg-dry	1	10/12/2014 6:38:00 AM
Vinyl chloride	ND	0.00268		mg/Kg-dry	1	10/12/2014 6:38:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0670		mg/Kg-dry	1	10/12/2014 6:38:00 AM
Chloroethane	ND	0.0804		mg/Kg-dry	1	10/12/2014 6:38:00 AM
1,1-Dichloroethene	ND	0.0670		mg/Kg-dry	1	10/12/2014 6:38:00 AM
Methylene chloride	ND	0.0268		mg/Kg-dry	1	10/12/2014 6:38:00 AM
trans-1,2-Dichloroethene	ND	0.0268		mg/Kg-dry	1	10/12/2014 6:38:00 AM
1,1-Dichloroethane	ND	0.0268		mg/Kg-dry	1	10/12/2014 6:38:00 AM
2,2-Dichloropropane	ND	0.0670	Q	mg/Kg-dry	1	10/12/2014 6:38:00 AM
cis-1,2-Dichloroethene	ND	0.0268		mg/Kg-dry	1	10/12/2014 6:38:00 AM
Chloroform	ND	0.0268		mg/Kg-dry	1	10/12/2014 6:38:00 AM
1,1,1-Trichloroethane (TCA)	ND	0.0268		mg/Kg-dry	1	10/12/2014 6:38:00 AM
1,1-Dichloropropene	ND	0.0268		mg/Kg-dry	1	10/12/2014 6:38:00 AM
Carbon tetrachloride	ND	0.0268		mg/Kg-dry	1	10/12/2014 6:38:00 AM
1,2-Dichloroethane (EDC)	ND	0.0402		mg/Kg-dry	1	10/12/2014 6:38:00 AM
Trichloroethene (TCE)	ND	0.0268		mg/Kg-dry	1	10/12/2014 6:38:00 AM
1,2-Dichloropropane	ND	0.0268		mg/Kg-dry	1	10/12/2014 6:38:00 AM
Bromodichloromethane	ND	0.0268		mg/Kg-dry	1	10/12/2014 6:38:00 AM
cis-1,3-Dichloropropene	ND	0.0268		mg/Kg-dry	1	10/12/2014 6:38:00 AM
trans-1,3-Dichloropropene	ND	0.0402		mg/Kg-dry	1	10/12/2014 6:38:00 AM
1,1,2-Trichloroethane	ND	0.0402		mg/Kg-dry	1	10/12/2014 6:38:00 AM
1,3-Dichloropropane	ND	0.0670		mg/Kg-dry	1	10/12/2014 6:38:00 AM
Tetrachloroethene (PCE)	ND	0.0268		mg/Kg-dry	1	10/12/2014 6:38:00 AM
Dibromochloromethane	ND	0.0402		mg/Kg-dry	1	10/12/2014 6:38:00 AM
Chlorobenzene	ND	0.0268		mg/Kg-dry	1	10/12/2014 6:38:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0402		mg/Kg-dry	1	10/12/2014 6:38:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0268		mg/Kg-dry	1	10/12/2014 6:38:00 AM
2-Chlorotoluene	ND	0.0268		mg/Kg-dry	1	10/12/2014 6:38:00 AM
4-Chlorotoluene	ND	0.0268		mg/Kg-dry	1	10/12/2014 6:38:00 AM
1,2,3-Trichloropropane	ND	0.0268		mg/Kg-dry	1	10/12/2014 6:38:00 AM
1,2,4-Trichlorobenzene	ND	0.0670		mg/Kg-dry	1	10/12/2014 6:38:00 AM
1,3-Dichlorobenzene	ND	0.0268		mg/Kg-dry	1	10/12/2014 6:38:00 AM
1,4-Dichlorobenzene	ND	0.0268		mg/Kg-dry	1	10/12/2014 6:38:00 AM
1,2-Dichlorobenzene	ND	0.0268		mg/Kg-dry	1	10/12/2014 6:38:00 AM

Qualifiers:

- 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
- J Analyte detected below quantitation limits
- ND Not detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1410085**
Date Reported: **10/13/2014**

Client: G-Logics
Collection Date: 10/10/2014 12:30:00 PM
Project: Gilman Square
Lab ID: 1410085-001
Matrix: Soil
Client Sample ID: **NSW-6-6'**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: 8999		Analyst: BC
1,2-Dibromo-3-chloropropane	ND	0.0402		mg/Kg-dry	1	10/12/2014 6:38:00 AM
Hexachloro-1,3-butadiene	ND	0.134		mg/Kg-dry	1	10/12/2014 6:38:00 AM
1,2,3-Trichlorobenzene	ND	0.0268		mg/Kg-dry	1	10/12/2014 6:38:00 AM
Surr: Dibromofluoromethane	87.7	63.7-129		%REC	1	10/12/2014 6:38:00 AM
Surr: Toluene-d8	107	64.3-131		%REC	1	10/12/2014 6:38:00 AM
Surr: 1-Bromo-4-fluorobenzene	97.5	63.1-141		%REC	1	10/12/2014 6:38:00 AM

NOTES:
Q - Indicates an analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF).

Sample Moisture (Percent Moisture)				Batch ID: R17334		Analyst: TK
Percent Moisture	22.6			wt%	1	10/10/2014 3:21:22 PM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1410085**
Date Reported: **10/13/2014**

Client: G-Logics
Collection Date: 10/10/2014 12:35:00 PM
Project: Gilman Square
Lab ID: 1410085-002
Matrix: Soil
Client Sample ID: NSW-7-6'

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: 8999		Analyst: BC
Dichlorodifluoromethane (CFC-12)	ND	0.0754		mg/Kg-dry	1	10/12/2014 7:38:00 AM
Chloromethane	ND	0.0754		mg/Kg-dry	1	10/12/2014 7:38:00 AM
Vinyl chloride	ND	0.00251		mg/Kg-dry	1	10/12/2014 7:38:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0628		mg/Kg-dry	1	10/12/2014 7:38:00 AM
Chloroethane	ND	0.0754		mg/Kg-dry	1	10/12/2014 7:38:00 AM
1,1-Dichloroethene	ND	0.0628		mg/Kg-dry	1	10/12/2014 7:38:00 AM
Methylene chloride	ND	0.0251		mg/Kg-dry	1	10/12/2014 7:38:00 AM
trans-1,2-Dichloroethene	ND	0.0251		mg/Kg-dry	1	10/12/2014 7:38:00 AM
1,1-Dichloroethane	ND	0.0251		mg/Kg-dry	1	10/12/2014 7:38:00 AM
2,2-Dichloropropane	ND	0.0628	Q	mg/Kg-dry	1	10/12/2014 7:38:00 AM
cis-1,2-Dichloroethene	ND	0.0251		mg/Kg-dry	1	10/12/2014 7:38:00 AM
Chloroform	ND	0.0251		mg/Kg-dry	1	10/12/2014 7:38:00 AM
1,1,1-Trichloroethane (TCA)	ND	0.0251		mg/Kg-dry	1	10/12/2014 7:38:00 AM
1,1-Dichloropropene	ND	0.0251		mg/Kg-dry	1	10/12/2014 7:38:00 AM
Carbon tetrachloride	ND	0.0251		mg/Kg-dry	1	10/12/2014 7:38:00 AM
1,2-Dichloroethane (EDC)	ND	0.0377		mg/Kg-dry	1	10/12/2014 7:38:00 AM
Trichloroethene (TCE)	ND	0.0251		mg/Kg-dry	1	10/12/2014 7:38:00 AM
1,2-Dichloropropane	ND	0.0251		mg/Kg-dry	1	10/12/2014 7:38:00 AM
Bromodichloromethane	ND	0.0251		mg/Kg-dry	1	10/12/2014 7:38:00 AM
cis-1,3-Dichloropropene	ND	0.0251		mg/Kg-dry	1	10/12/2014 7:38:00 AM
trans-1,3-Dichloropropene	ND	0.0377		mg/Kg-dry	1	10/12/2014 7:38:00 AM
1,1,2-Trichloroethane	ND	0.0377		mg/Kg-dry	1	10/12/2014 7:38:00 AM
1,3-Dichloropropane	ND	0.0628		mg/Kg-dry	1	10/12/2014 7:38:00 AM
Tetrachloroethene (PCE)	ND	0.0251		mg/Kg-dry	1	10/12/2014 7:38:00 AM
Dibromochloromethane	ND	0.0377		mg/Kg-dry	1	10/12/2014 7:38:00 AM
Chlorobenzene	ND	0.0251		mg/Kg-dry	1	10/12/2014 7:38:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0377		mg/Kg-dry	1	10/12/2014 7:38:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0251		mg/Kg-dry	1	10/12/2014 7:38:00 AM
2-Chlorotoluene	ND	0.0251		mg/Kg-dry	1	10/12/2014 7:38:00 AM
4-Chlorotoluene	ND	0.0251		mg/Kg-dry	1	10/12/2014 7:38:00 AM
1,2,3-Trichloropropane	ND	0.0251		mg/Kg-dry	1	10/12/2014 7:38:00 AM
1,2,4-Trichlorobenzene	ND	0.0628		mg/Kg-dry	1	10/12/2014 7:38:00 AM
1,3-Dichlorobenzene	ND	0.0251		mg/Kg-dry	1	10/12/2014 7:38:00 AM
1,4-Dichlorobenzene	ND	0.0251		mg/Kg-dry	1	10/12/2014 7:38:00 AM
1,2-Dichlorobenzene	ND	0.0251		mg/Kg-dry	1	10/12/2014 7:38:00 AM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1410085**
Date Reported: **10/13/2014**

Client: G-Logics
Collection Date: 10/10/2014 12:35:00 PM
Project: Gilman Square
Lab ID: 1410085-002
Matrix: Soil
Client Sample ID: NSW-7-6'

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: 8999		Analyst: BC
1,2-Dibromo-3-chloropropane	ND	0.0377		mg/Kg-dry	1	10/12/2014 7:38:00 AM
Hexachloro-1,3-butadiene	ND	0.126		mg/Kg-dry	1	10/12/2014 7:38:00 AM
1,2,3-Trichlorobenzene	ND	0.0251		mg/Kg-dry	1	10/12/2014 7:38:00 AM
Surr: Dibromofluoromethane	90.5	63.7-129		%REC	1	10/12/2014 7:38:00 AM
Surr: Toluene-d8	64.4	64.3-131		%REC	1	10/12/2014 7:38:00 AM
Surr: 1-Bromo-4-fluorobenzene	94.2	63.1-141		%REC	1	10/12/2014 7:38:00 AM

NOTES:
Q - Indicates an analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF).

Sample Moisture (Percent Moisture)				Batch ID: R17334		Analyst: TK
Percent Moisture	21.2			wt%	1	10/10/2014 3:21:22 PM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1410085**
Date Reported: **10/13/2014**

Client: G-Logics
Collection Date: 10/10/2014 12:40:00 PM
Project: Gilman Square
Lab ID: 1410085-003
Matrix: Soil
Client Sample ID: B-8-7'

Volatile Organic Compounds by EPA Method 8260

Batch ID: 8999 Analyst: BC

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane (CFC-12)	ND	0.0715		mg/Kg-dry	1	10/12/2014 9:36:00 AM
Chloromethane	ND	0.0715		mg/Kg-dry	1	10/12/2014 9:36:00 AM
Vinyl chloride	ND	0.00238		mg/Kg-dry	1	10/12/2014 9:36:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0596		mg/Kg-dry	1	10/12/2014 9:36:00 AM
Chloroethane	ND	0.0715		mg/Kg-dry	1	10/12/2014 9:36:00 AM
1,1-Dichloroethene	ND	0.0596		mg/Kg-dry	1	10/12/2014 9:36:00 AM
Methylene chloride	ND	0.0238		mg/Kg-dry	1	10/12/2014 9:36:00 AM
trans-1,2-Dichloroethene	ND	0.0238		mg/Kg-dry	1	10/12/2014 9:36:00 AM
1,1-Dichloroethane	ND	0.0238		mg/Kg-dry	1	10/12/2014 9:36:00 AM
2,2-Dichloropropane	ND	0.0596	Q	mg/Kg-dry	1	10/12/2014 9:36:00 AM
cis-1,2-Dichloroethene	ND	0.0238		mg/Kg-dry	1	10/12/2014 9:36:00 AM
Chloroform	ND	0.0238		mg/Kg-dry	1	10/12/2014 9:36:00 AM
1,1,1-Trichloroethane (TCA)	ND	0.0238		mg/Kg-dry	1	10/12/2014 9:36:00 AM
1,1-Dichloropropene	ND	0.0238		mg/Kg-dry	1	10/12/2014 9:36:00 AM
Carbon tetrachloride	ND	0.0238		mg/Kg-dry	1	10/12/2014 9:36:00 AM
1,2-Dichloroethane (EDC)	ND	0.0357		mg/Kg-dry	1	10/12/2014 9:36:00 AM
Trichloroethene (TCE)	ND	0.0238		mg/Kg-dry	1	10/12/2014 9:36:00 AM
1,2-Dichloropropane	ND	0.0238		mg/Kg-dry	1	10/12/2014 9:36:00 AM
Bromodichloromethane	ND	0.0238		mg/Kg-dry	1	10/12/2014 9:36:00 AM
cis-1,3-Dichloropropene	ND	0.0238		mg/Kg-dry	1	10/12/2014 9:36:00 AM
trans-1,3-Dichloropropene	ND	0.0357		mg/Kg-dry	1	10/12/2014 9:36:00 AM
1,1,2-Trichloroethane	ND	0.0357		mg/Kg-dry	1	10/12/2014 9:36:00 AM
1,3-Dichloropropane	ND	0.0596		mg/Kg-dry	1	10/12/2014 9:36:00 AM
Tetrachloroethene (PCE)	ND	0.0238		mg/Kg-dry	1	10/12/2014 9:36:00 AM
Dibromochloromethane	ND	0.0357		mg/Kg-dry	1	10/12/2014 9:36:00 AM
Chlorobenzene	ND	0.0238		mg/Kg-dry	1	10/12/2014 9:36:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0357		mg/Kg-dry	1	10/12/2014 9:36:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0238		mg/Kg-dry	1	10/12/2014 9:36:00 AM
2-Chlorotoluene	ND	0.0238		mg/Kg-dry	1	10/12/2014 9:36:00 AM
4-Chlorotoluene	ND	0.0238		mg/Kg-dry	1	10/12/2014 9:36:00 AM
1,2,3-Trichloropropane	ND	0.0238		mg/Kg-dry	1	10/12/2014 9:36:00 AM
1,2,4-Trichlorobenzene	ND	0.0596		mg/Kg-dry	1	10/12/2014 9:36:00 AM
1,3-Dichlorobenzene	ND	0.0238		mg/Kg-dry	1	10/12/2014 9:36:00 AM
1,4-Dichlorobenzene	ND	0.0238		mg/Kg-dry	1	10/12/2014 9:36:00 AM
1,2-Dichlorobenzene	ND	0.0238		mg/Kg-dry	1	10/12/2014 9:36:00 AM

Qualifiers:

- 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
- J Analyte detected below quantitation limits
- ND Not detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1410085**
Date Reported: **10/13/2014**

Client: G-Logics
Collection Date: 10/10/2014 12:40:00 PM
Project: Gilman Square
Lab ID: 1410085-003
Matrix: Soil
Client Sample ID: B-8-7'

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: 8999		Analyst: BC
1,2-Dibromo-3-chloropropane	ND	0.0357		mg/Kg-dry	1	10/12/2014 9:36:00 AM
Hexachloro-1,3-butadiene	ND	0.119		mg/Kg-dry	1	10/12/2014 9:36:00 AM
1,2,3-Trichlorobenzene	ND	0.0238		mg/Kg-dry	1	10/12/2014 9:36:00 AM
Surr: Dibromofluoromethane	87.0	63.7-129		%REC	1	10/12/2014 9:36:00 AM
Surr: Toluene-d8	79.5	64.3-131		%REC	1	10/12/2014 9:36:00 AM
Surr: 1-Bromo-4-fluorobenzene	91.4	63.1-141		%REC	1	10/12/2014 9:36:00 AM

NOTES:
Q - Indicates an analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF).

Sample Moisture (Percent Moisture)				Batch ID: R17334		Analyst: TK
Percent Moisture	25.8			wt%	1	10/10/2014 3:21:22 PM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1410085**
Date Reported: **10/13/2014**

Client: G-Logics
Collection Date: 10/10/2014 12:50:00 PM
Project: Gilman Square
Lab ID: 1410085-004
Matrix: Soil
Client Sample ID: B-9-7'

Volatile Organic Compounds by EPA Method 8260

Batch ID: 8999 Analyst: BC

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane (CFC-12)	ND	0.0728		mg/Kg-dry	1	10/12/2014 10:06:00 AM
Chloromethane	ND	0.0728		mg/Kg-dry	1	10/12/2014 10:06:00 AM
Vinyl chloride	ND	0.00243		mg/Kg-dry	1	10/12/2014 10:06:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0606		mg/Kg-dry	1	10/12/2014 10:06:00 AM
Chloroethane	ND	0.0728		mg/Kg-dry	1	10/12/2014 10:06:00 AM
1,1-Dichloroethene	ND	0.0606		mg/Kg-dry	1	10/12/2014 10:06:00 AM
Methylene chloride	ND	0.0243		mg/Kg-dry	1	10/12/2014 10:06:00 AM
trans-1,2-Dichloroethene	ND	0.0243		mg/Kg-dry	1	10/12/2014 10:06:00 AM
1,1-Dichloroethane	ND	0.0243		mg/Kg-dry	1	10/12/2014 10:06:00 AM
2,2-Dichloropropane	ND	0.0606	Q	mg/Kg-dry	1	10/12/2014 10:06:00 AM
cis-1,2-Dichloroethene	ND	0.0243		mg/Kg-dry	1	10/12/2014 10:06:00 AM
Chloroform	ND	0.0243		mg/Kg-dry	1	10/12/2014 10:06:00 AM
1,1,1-Trichloroethane (TCA)	ND	0.0243		mg/Kg-dry	1	10/12/2014 10:06:00 AM
1,1-Dichloropropene	ND	0.0243		mg/Kg-dry	1	10/12/2014 10:06:00 AM
Carbon tetrachloride	ND	0.0243		mg/Kg-dry	1	10/12/2014 10:06:00 AM
1,2-Dichloroethane (EDC)	ND	0.0364		mg/Kg-dry	1	10/12/2014 10:06:00 AM
Trichloroethene (TCE)	ND	0.0243		mg/Kg-dry	1	10/12/2014 10:06:00 AM
1,2-Dichloropropane	ND	0.0243		mg/Kg-dry	1	10/12/2014 10:06:00 AM
Bromodichloromethane	ND	0.0243		mg/Kg-dry	1	10/12/2014 10:06:00 AM
cis-1,3-Dichloropropene	ND	0.0243		mg/Kg-dry	1	10/12/2014 10:06:00 AM
trans-1,3-Dichloropropene	ND	0.0364		mg/Kg-dry	1	10/12/2014 10:06:00 AM
1,1,2-Trichloroethane	ND	0.0364		mg/Kg-dry	1	10/12/2014 10:06:00 AM
1,3-Dichloropropane	ND	0.0606		mg/Kg-dry	1	10/12/2014 10:06:00 AM
Tetrachloroethene (PCE)	ND	0.0243		mg/Kg-dry	1	10/12/2014 10:06:00 AM
Dibromochloromethane	ND	0.0364		mg/Kg-dry	1	10/12/2014 10:06:00 AM
Chlorobenzene	ND	0.0243		mg/Kg-dry	1	10/12/2014 10:06:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0364		mg/Kg-dry	1	10/12/2014 10:06:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0243		mg/Kg-dry	1	10/12/2014 10:06:00 AM
2-Chlorotoluene	ND	0.0243		mg/Kg-dry	1	10/12/2014 10:06:00 AM
4-Chlorotoluene	ND	0.0243		mg/Kg-dry	1	10/12/2014 10:06:00 AM
1,2,3-Trichloropropane	ND	0.0243		mg/Kg-dry	1	10/12/2014 10:06:00 AM
1,2,4-Trichlorobenzene	ND	0.0606		mg/Kg-dry	1	10/12/2014 10:06:00 AM
1,3-Dichlorobenzene	ND	0.0243		mg/Kg-dry	1	10/12/2014 10:06:00 AM
1,4-Dichlorobenzene	ND	0.0243		mg/Kg-dry	1	10/12/2014 10:06:00 AM
1,2-Dichlorobenzene	ND	0.0243		mg/Kg-dry	1	10/12/2014 10:06:00 AM

Qualifiers:

- 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
- J Analyte detected below quantitation limits
- ND Not detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1410085**
Date Reported: **10/13/2014**

Client: G-Logics
Collection Date: 10/10/2014 12:50:00 PM
Project: Gilman Square
Lab ID: 1410085-004
Matrix: Soil
Client Sample ID: B-9-7'

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: 8999		Analyst: BC
1,2-Dibromo-3-chloropropane	ND	0.0364		mg/Kg-dry	1	10/12/2014 10:06:00 AM
Hexachloro-1,3-butadiene	ND	0.121		mg/Kg-dry	1	10/12/2014 10:06:00 AM
1,2,3-Trichlorobenzene	ND	0.0243		mg/Kg-dry	1	10/12/2014 10:06:00 AM
Surr: Dibromofluoromethane	84.7	63.7-129		%REC	1	10/12/2014 10:06:00 AM
Surr: Toluene-d8	77.4	64.3-131		%REC	1	10/12/2014 10:06:00 AM
Surr: 1-Bromo-4-fluorobenzene	91.6	63.1-141		%REC	1	10/12/2014 10:06:00 AM

NOTES:
Q - Indicates an analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF).

Sample Moisture (Percent Moisture)				Batch ID: R17334		Analyst: TK
Percent Moisture	21.0			wt%	1	10/10/2014 3:21:22 PM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1410085
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **1410085-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/13/2014** RunNo: **17364**
Client ID: **NSW-6-6'** Batch ID: **8999** Analysis Date: **10/12/2014** SeqNo: **347257**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0804						0		30	
Chloromethane	ND	0.0804						0		30	
Vinyl chloride	ND	0.00268						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.0670						0		30	
Chloroethane	ND	0.0804						0		30	
1,1-Dichloroethene	ND	0.0670						0		30	
Methylene chloride	ND	0.0268						0		30	
trans-1,2-Dichloroethene	ND	0.0268						0		30	
1,1-Dichloroethane	ND	0.0268						0		30	
2,2-Dichloropropane	ND	0.0670						0		30	Q
cis-1,2-Dichloroethene	ND	0.0268						0		30	
Chloroform	ND	0.0268						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.0268						0		30	
1,1-Dichloropropene	ND	0.0268						0		30	
Carbon tetrachloride	ND	0.0268						0		30	
1,2-Dichloroethane (EDC)	ND	0.0402						0		30	
Trichloroethene (TCE)	ND	0.0268						0		30	
1,2-Dichloropropane	ND	0.0268						0		30	
Bromodichloromethane	ND	0.0268						0		30	
cis-1,3-Dichloropropene	ND	0.0268						0		30	
trans-1,3-Dichloropropene	ND	0.0402						0		30	
1,1,2-Trichloroethane	ND	0.0402						0		30	
1,3-Dichloropropane	ND	0.0670						0		30	
Tetrachloroethene (PCE)	ND	0.0268						0		30	
Dibromochloromethane	ND	0.0402						0		30	
Chlorobenzene	ND	0.0268						0		30	
1,1,1,2-Tetrachloroethane	ND	0.0402						0		30	
1,1,2,2-Tetrachloroethane	ND	0.0268						0		30	
2-Chlorotoluene	ND	0.0268						0		30	

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1410085
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **1410085-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/13/2014** RunNo: **17364**
Client ID: **NSW-6-6'** Batch ID: **8999** Analysis Date: **10/12/2014** SeqNo: **347257**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	0.0268						0		30	
1,2,3-Trichloropropane	ND	0.0268						0		30	
1,2,4-Trichlorobenzene	ND	0.0670						0		30	
1,3-Dichlorobenzene	ND	0.0268						0		30	
1,4-Dichlorobenzene	ND	0.0268						0		30	
1,2-Dichlorobenzene	ND	0.0268						0		30	
1,2-Dibromo-3-chloropropane	ND	0.0402						0		30	
Hexachloro-1,3-butadiene	ND	0.134						0		30	
1,2,3-Trichlorobenzene	ND	0.0268						0		30	
Surr: Dibromofluoromethane	2.83		3.349		84.6	63.7	129		0		
Surr: Toluene-d8	3.59		3.349		107	64.3	131		0		
Surr: 1-Bromo-4-fluorobenzene	2.40		3.349		71.7	63.1	141		0		

NOTES:
Q - Indicates an analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF).

Sample ID: **1410085-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/13/2014** RunNo: **17364**
Client ID: **NSW-7-6'** Batch ID: **8999** Analysis Date: **10/12/2014** SeqNo: **347259**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	1.22	0.0754	1.256	0	97.1	43.5	121				
Chloromethane	1.44	0.0754	1.256	0	114	45	130				
Vinyl chloride	1.51	0.00251	1.256	0	120	51.2	146				
Trichlorofluoromethane (CFC-11)	1.53	0.0628	1.256	0	122	35	131				
Chloroethane	1.66	0.0754	1.256	0	132	43.8	117				S
1,1-Dichloroethene	1.45	0.0628	1.256	0	115	61.9	141				
Methylene chloride	1.55	0.0251	1.256	0	123	54.7	142				
trans-1,2-Dichloroethene	1.90	0.0251	1.256	0	151	52	136				S
1,1-Dichloroethane	1.61	0.0251	1.256	0	128	51.8	141				
2,2-Dichloropropane	0.800	0.0628	1.256	0	63.7	36	123				Q

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1410085
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **1410085-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/13/2014** RunNo: **17364**
Client ID: **NSW-7-6'** Batch ID: **8999** Analysis Date: **10/12/2014** SeqNo: **347259**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	1.39	0.0251	1.256	0	111	58.6	136				
Chloroform	1.31	0.0251	1.256	0	104	53.2	129				
1,1,1-Trichloroethane (TCA)	1.14	0.0251	1.256	0	90.9	58.3	145				
1,1-Dichloropropene	1.32	0.0251	1.256	0	105	55.1	138				
Carbon tetrachloride	1.13	0.0251	1.256	0	90.3	53.3	144				
1,2-Dichloroethane (EDC)	1.29	0.0377	1.256	0	103	51.3	139				
Trichloroethene (TCE)	1.25	0.0251	1.256	0	99.2	68.6	132				
1,2-Dichloropropane	1.26	0.0251	1.256	0	100	59	136				
Bromodichloromethane	1.01	0.0251	1.256	0	80.4	50.7	141				
cis-1,3-Dichloropropene	0.914	0.0251	1.256	0	72.7	50.4	138				
trans-1,3-Dichloropropene	0.787	0.0377	1.256	0	62.7	44.1	147				
1,1,2-Trichloroethane	0.948	0.0377	1.256	0	75.5	51.6	137				
1,3-Dichloropropane	1.01	0.0628	1.256	0	80.3	53.1	134				
Tetrachloroethene (PCE)	1.12	0.0251	1.256	0	89.2	35.6	158				
Dibromochloromethane	0.890	0.0377	1.256	0	70.9	55.3	140				
Chlorobenzene	1.26	0.0251	1.256	0	101	60	133				
1,1,1,2-Tetrachloroethane	1.17	0.0377	1.256	0	93.2	53.1	142				
1,1,2,2-Tetrachloroethane	1.37	0.0251	1.256	0	109	51.9	131				
2-Chlorotoluene	1.25	0.0251	1.256	0	99.3	51.6	136				
4-Chlorotoluene	1.25	0.0251	1.256	0	99.2	50.1	139				
1,2,3-Trichloropropane	1.24	0.0251	1.256	0	98.7	50.5	131				
1,2,4-Trichlorobenzene	1.10	0.0628	1.256	0	87.3	50.8	130				
1,3-Dichlorobenzene	1.20	0.0251	1.256	0	95.9	52.6	131				
1,4-Dichlorobenzene	1.24	0.0251	1.256	0	98.3	52.9	129				
1,2-Dichlorobenzene	1.15	0.0251	1.256	0	91.8	55.8	129				
1,2-Dibromo-3-chloropropane	ND	0.0377	1.256	0	0	40.5	131				S
Hexachloro-1,3-butadiene	1.26	0.126	1.256	0	101	40.6	158				
1,2,3-Trichlorobenzene	1.23	0.0251	1.256	0	97.9	54.4	124				
Surr: Dibromofluoromethane	3.00		3.141		95.4	63.7	129				

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1410085
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **1410085-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/13/2014** RunNo: **17364**
Client ID: **NSW-7-6'** Batch ID: **8999** Analysis Date: **10/12/2014** SeqNo: **347259**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	2.63		3.141		83.7	64.3	131				
Surr: 1-Bromo-4-fluorobenzene	3.01		3.141		95.8	63.1	141				

NOTES:
S - Outlying QC recoveries were observed. The method is in control as indicated by the LCS.
Q - Indicates an analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF).

Sample ID: **LCS-8999** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/13/2014** RunNo: **17364**
Client ID: **LCSS** Batch ID: **8999** Analysis Date: **10/12/2014** SeqNo: **347262**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	0.925	0.0600	1.000	0	92.5	37.2	139				
Chloromethane	1.10	0.0600	1.000	0	110	38.8	132				
Vinyl chloride	1.10	0.00200	1.000	0	110	56.1	130				
Trichlorofluoromethane (CFC-11)	0.943	0.0500	1.000	0	94.3	42.9	147				
Chloroethane	1.00	0.0600	1.000	0	100	37.1	144				
1,1-Dichloroethene	0.970	0.0500	1.000	0	97.0	49.7	142				
Methylene chloride	0.911	0.0200	1.000	0	91.1	46.3	140				
trans-1,2-Dichloroethene	1.33	0.0200	1.000	0	133	68	130				S
1,1-Dichloroethane	1.17	0.0200	1.000	0	117	65.5	132				
2,2-Dichloropropane	0.742	0.0500	1.000	0	74.2	28.1	149				Q
cis-1,2-Dichloroethene	1.09	0.0200	1.000	0	109	71.3	135				
Chloroform	1.04	0.0200	1.000	0	104	67.5	129				
1,1,1-Trichloroethane (TCA)	0.899	0.0200	1.000	0	89.9	69	132				
1,1-Dichloropropene	1.03	0.0200	1.000	0	103	72.7	131				
Carbon tetrachloride	0.892	0.0200	1.000	0	89.2	63.4	137				
1,2-Dichloroethane (EDC)	1.01	0.0300	1.000	0	101	61.9	136				
Trichloroethene (TCE)	0.975	0.0200	1.000	0	97.5	65.5	137				
1,2-Dichloropropane	0.829	0.0200	1.000	0	82.9	63.2	142				
Bromodichloromethane	0.754	0.0200	1.000	0	75.4	73.2	131				

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1410085
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCS-8999** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/13/2014** RunNo: **17364**
Client ID: **LCSS** Batch ID: **8999** Analysis Date: **10/12/2014** SeqNo: **347262**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,3-Dichloropropene	0.700	0.0200	1.000	0	70.0	59.1	143				
trans-1,3-Dichloropropene	0.662	0.0300	1.000	0	66.2	49.2	149				
1,1,2-Trichloroethane	0.755	0.0300	1.000	0	75.5	74.5	129				
1,3-Dichloropropane	0.796	0.0500	1.000	0	79.6	70	130				
Tetrachloroethene (PCE)	0.850	0.0200	1.000	0	85.0	52.7	150				
Dibromochloromethane	0.763	0.0300	1.000	0	76.3	70.6	144				
Chlorobenzene	0.991	0.0200	1.000	0	99.1	76.1	123				
1,1,1,2-Tetrachloroethane	0.955	0.0300	1.000	0	95.5	74.8	131				
1,1,2,2-Tetrachloroethane	1.05	0.0200	1.000	0	105	60	130				
2-Chlorotoluene	0.981	0.0200	1.000	0	98.1	76.7	129				
4-Chlorotoluene	0.981	0.0200	1.000	0	98.1	77.5	125				
1,2,3-Trichloropropane	0.969	0.0200	1.000	0	96.9	67.9	136				
1,2,4-Trichlorobenzene	0.890	0.0500	1.000	0	89.0	65.6	137				
1,3-Dichlorobenzene	0.948	0.0200	1.000	0	94.8	72.8	128				
1,4-Dichlorobenzene	0.978	0.0200	1.000	0	97.8	72.6	126				
1,2-Dichlorobenzene	0.916	0.0200	1.000	0	91.6	72.8	126				
1,2-Dibromo-3-chloropropane	0.747	0.0300	1.000	0	74.7	61.2	139				
Hexachloro-1,3-butadiene	0.984	0.100	1.000	0	98.4	42	151				
1,2,3-Trichlorobenzene	0.998	0.0200	1.000	0	99.8	62.1	140				
Surr: Dibromofluoromethane	2.44		2.500		97.4	63.7	129				
Surr: Toluene-d8	1.96		2.500		78.2	64.3	131				
Surr: 1-Bromo-4-fluorobenzene	2.43		2.500		97.1	63.1	141				

NOTES:

S - Outlying spike recovery observed for trans-1,2-Dichloroethene - high bias. There were no detection of this analyte in the sample. No further action is required.

Q - Indicates an analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF).

Work Order: 1410085
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **MB-8999** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/13/2014** RunNo: **17364**
Client ID: **MBLKS** Batch ID: **8999** Analysis Date: **10/12/2014** SeqNo: **347263**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0600									
Chloromethane	ND	0.0600									
Vinyl chloride	ND	0.00200									
Trichlorofluoromethane (CFC-11)	ND	0.0500									
Chloroethane	ND	0.0600									
1,1-Dichloroethene	ND	0.0500									
Methylene chloride	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
1,1-Dichloroethane	ND	0.0200									
2,2-Dichloropropane	ND	0.0500									Q
cis-1,2-Dichloroethene	ND	0.0200									
Chloroform	ND	0.0200									
1,1,1-Trichloroethane (TCA)	ND	0.0200									
1,1-Dichloropropene	ND	0.0200									
Carbon tetrachloride	ND	0.0200									
1,2-Dichloroethane (EDC)	ND	0.0300									
Trichloroethene (TCE)	ND	0.0200									
1,2-Dichloropropane	ND	0.0200									
Bromodichloromethane	ND	0.0200									
cis-1,3-Dichloropropene	ND	0.0200									
trans-1,3-Dichloropropene	ND	0.0300									
1,1,2-Trichloroethane	ND	0.0300									
1,3-Dichloropropane	ND	0.0500									
Tetrachloroethene (PCE)	ND	0.0200									
Dibromochloromethane	ND	0.0300									
Chlorobenzene	ND	0.0200									
1,1,1,2-Tetrachloroethane	ND	0.0300									
1,1,2,2-Tetrachloroethane	ND	0.0200									
2-Chlorotoluene	ND	0.0200									

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1410085
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **MB-8999** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/13/2014** RunNo: **17364**
Client ID: **MBLKS** Batch ID: **8999** Analysis Date: **10/12/2014** SeqNo: **347263**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	0.0200									
1,2,3-Trichloropropane	ND	0.0200									
1,2,4-Trichlorobenzene	ND	0.0500									
1,3-Dichlorobenzene	ND	0.0200									
1,4-Dichlorobenzene	ND	0.0200									
1,2-Dichlorobenzene	ND	0.0200									
1,2-Dibromo-3-chloropropane	ND	0.0300									
Hexachloro-1,3-butadiene	ND	0.100									
1,2,3-Trichlorobenzene	ND	0.0200									
Surr: Dibromofluoromethane	2.10		2.500		84.0	63.7	129				
Surr: Toluene-d8	2.65		2.500		106	64.3	131				
Surr: 1-Bromo-4-fluorobenzene	2.29		2.500		91.7	63.1	141				

NOTES:
Q - Indicates an analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF).

Sample Log-In Check List

Client Name:	**GL**	Work Order Number:	**1410085**
Logged by:	**Erica Silva**	Date Received:	**10/10/2014 1:30:00 PM**

Chain of Custody

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

Log In

3.	Coolers are present?	Yes ☑	No ☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes ☑	No ☐	
5.	Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Required ☑
6.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
7.	Were all coolers received at a temperature of >0°C to 10.0°C	Yes ☑	No ☐	NA ☐
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 the 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)

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

Person Notified:		Date:	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

19. Additional remarks:

Item Information

Item #	Temp °C	Condition
Cooler	4.3	Good
Sample	9.6	Good

Fremont Analytical

Chain of Custody Record

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

Laboratory Project No (internal): 1410085

Date: 10/10/14

Page: 1 of: 1

Client: G-Logics

Address:

City, State, Zip

Tel:

Reports To (PM): Stuart H

Fax:

Project Name: Gilman Square

Location: Issaquah

Collected by: SH

Email: Stuart@g-logics.com

Project No: 01-0868-J

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

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOC (EPA 8260)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SEMI VOC (EPA 8270)	PAH (EPA 8270 - SIM)	PCBs (EPA 8082)	Metals** (6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Comments/Depth
1	NSW-6-6'	10/10	1230	Soil	X													Cl Solvents
2	NSW-7-6'		1235		X													
3	B-8-7'		1240		X													
4	B-9-7'		1250		X													
5																		
6																		
7																		
8																		
9																		
10																		

**Metals Analysis (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

Special Remarks:

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)

Relinquished	Date/Time	Received	Date/Time
x	10/10/14 1330	x	10/10/14 13:30
Relinquished	Date/Time	Received	Date/Time
x		x	

TAT -> SameDay^ NextDay^ 2 Day 3 Day STD

^Please coordinate with the lab in advance

Distribution: White - Lab, Yellow - File, Pink - Originator

3600 Fremont Ave. N.
Seattle, WA 98103
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info@fremontanalytical.com

G-Logics
Stuart Hyde
40 Second Ave. SE
Issaquah, WA 98027

RE: Gilman Square
Lab ID: 1410058

October 15, 2014

Attention Stuart Hyde:

Fremont Analytical, Inc. received 1 sample(s) on 10/8/2014 for the analyses presented in the following report.

Total Metals by EPA Method 200.8
Volatile Organic Compounds by EPA Method 8260

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,

Mike Ridgeway
President

Date: *10/15/2014*

CLIENT: G-Logics
Project: Gilman Square
Lab Order: 1410058

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1410058-001	Baker0A1736-100814	10/08/2014 11:00 AM	10/08/2014 1:05 PM

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

Case Narrative

WO#: **1410058**
Date: **10/15/2014**

CLIENT: G-Logics
Project: Gilman Square

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.

Analytical Report

WO#: **1410058**
Date Reported: **10/15/2014**

Client: G-Logics
Collection Date: 10/8/2014 11:00:00 AM
Project: Gilman Square
Lab ID: 1410058-001
Matrix: Water
Client Sample ID: Baker0A1736-100814

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R17300		Analyst: BC
Dichlorodifluoromethane	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM
Chloromethane	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM
Vinyl chloride	ND	0.200		µg/L	1	10/9/2014 11:06:00 AM
Trichlorofluoromethane (CFC-11)	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM
Chloroethane	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM
Methylene chloride	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM
2,2-Dichloropropane	ND	2.00		µg/L	1	10/9/2014 11:06:00 AM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM
Chloroform	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM
1,1,1-Trichloroethane (TCA)	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM
Trichloroethene (TCE)	ND	0.500		µg/L	1	10/9/2014 11:06:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM
Tetrachloroethene (PCE)	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM
Chlorobenzene	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM
1,2,4-Trichlorobenzene	ND	2.00		µg/L	1	10/9/2014 11:06:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1410058**
Date Reported: **10/15/2014**

Client: G-Logics **Collection Date:** 10/8/2014 11:00:00 AM
Project: Gilman Square
Lab ID: 1410058-001 **Matrix:** Water
Client Sample ID: Baker0A1736-100814

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R17300		Analyst: BC
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	10/9/2014 11:06:00 AM
Hexachlorobutadiene	ND	4.00		µg/L	1	10/9/2014 11:06:00 AM
1,2,3-Trichlorobenzene	ND	4.00		µg/L	1	10/9/2014 11:06:00 AM
Surr: Dibromofluoromethane	99.5	61.7-130		%REC	1	10/9/2014 11:06:00 AM
Surr: Toluene-d8	98.7	40.1-139		%REC	1	10/9/2014 11:06:00 AM
Surr: 1-Bromo-4-fluorobenzene	103	68.2-127		%REC	1	10/9/2014 11:06:00 AM
Total Metals by EPA Method 200.8				Batch ID: 8973		Analyst: TN
Arsenic	4.82	1.00		µg/L	1	10/9/2014 4:50:43 PM
Chromium	2.28	0.500		µg/L	1	10/9/2014 4:50:43 PM
Lead	ND	1.00		µg/L	1	10/9/2014 4:50:43 PM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Fremont Analytical

Date: *10/15/2014*

Work Order: 1410058
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Total Metals by EPA Method 200.8

Sample ID: **MB-8973** SampType: **MBLK** Units: **µg/L** Prep Date: **10/9/2014** RunNo: **17310**
Client ID: **MBLKW** Batch ID: **8973** Analysis Date: **10/9/2014** SeqNo: **346145**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.00									
Chromium	ND	0.500									
Lead	ND	1.00									

Sample ID: **LCS-8973** SampType: **LCS** Units: **µg/L** Prep Date: **10/9/2014** RunNo: **17310**
Client ID: **LCSW** Batch ID: **8973** Analysis Date: **10/9/2014** SeqNo: **346146**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	96.7	1.00	100.0	0	96.7	85	115				
Chromium	106	0.500	100.0	0	106	85	115				
Lead	48.4	1.00	50.00	0	96.7	85	115				

Sample ID: **1410058-001ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **10/9/2014** RunNo: **17310**
Client ID: **Baker0A1736-100814** Batch ID: **8973** Analysis Date: **10/9/2014** SeqNo: **346148**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	3.95	1.00						4.824	19.9	30	
Chromium	2.06	0.500						2.276	10.0	30	
Lead	ND	1.00						0		30	

Sample ID: **1410058-001AMS** SampType: **MS** Units: **µg/L** Prep Date: **10/9/2014** RunNo: **17310**
Client ID: **Baker0A1736-100814** Batch ID: **8973** Analysis Date: **10/9/2014** SeqNo: **346149**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	513	1.00	500.0	4.824	102	70	130				
Chromium	544	0.500	500.0	2.276	108	70	130				
Lead	241	1.00	250.0	0.9410	95.8	70	130				

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Date: *10/15/2014*

Work Order: 1410058
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Total Metals by EPA Method 200.8

Sample ID: **1410058-001AMS** SampType: **MS** Units: **µg/L** Prep Date: **10/9/2014** RunNo: **17310**
Client ID: **Baker0A1736-100814** Batch ID: **8973** Analysis Date: **10/9/2014** SeqNo: **346149**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **1410058-001AMSD** SampType: **MSD** Units: **µg/L** Prep Date: **10/9/2014** RunNo: **17310**
Client ID: **Baker0A1736-100814** Batch ID: **8973** Analysis Date: **10/9/2014** SeqNo: **346150**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	512	1.00	500.0	4.824	101	70	130	513.3	0.323	30	
Chromium	542	0.500	500.0	2.276	108	70	130	543.7	0.375	30	
Lead	241	1.00	250.0	0.9410	96.1	70	130	240.5	0.253	30	

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1410058
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **1410016-001AMS** SampType: **MS** Units: **µg/L** Prep Date: **10/9/2014** RunNo: **17300**
Client ID: **BATCH** Batch ID: **R17300** Analysis Date: **10/9/2014** SeqNo: **346023**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	17.9	1.00	20.00	0	89.4	33.3	122				
Chloromethane	19.0	1.00	20.00	0	95.1	48.2	145				
Vinyl chloride	16.8	0.200	20.00	0	84.2	58.1	158				
Trichlorofluoromethane (CFC-11)	20.0	1.00	20.00	0	99.8	54.7	138				
Chloroethane	11.4	1.00	20.00	0	56.8	49.9	143				
1,1-Dichloroethene	18.1	1.00	20.00	0	90.6	63	141				
Methylene chloride	19.9	1.00	20.00	0	99.5	61.6	135				
trans-1,2-Dichloroethene	19.0	1.00	20.00	0	94.8	63.5	138				
1,1-Dichloroethane	19.0	1.00	20.00	0	94.8	67.8	136				
2,2-Dichloropropane	16.4	2.00	20.00	0	82.2	31.5	121				
cis-1,2-Dichloroethene	19.8	1.00	20.00	0	98.8	67.1	123				
Chloroform	16.2	1.00	20.00	0	81.1	66.7	136				
1,1,1-Trichloroethane (TCA)	18.9	1.00	20.00	0	94.6	64.2	146				
1,1-Dichloropropene	19.0	1.00	20.00	0	95.1	73.8	136				
Carbon tetrachloride	22.1	1.00	20.00	0	111	62.7	146				
1,2-Dichloroethane	18.7	1.00	20.00	0	93.5	63.4	137				
Trichloroethene (TCE)	19.8	0.500	20.00	0	99.2	60.4	134				
1,2-Dichloropropane	19.8	1.00	20.00	0	99.0	62.6	138				
Bromodichloromethane	19.3	1.00	20.00	0	96.4	59.4	139				
cis-1,3-Dichloropropene	19.1	1.00	20.00	0	95.3	63.8	132				
trans-1,3-Dichloropropene	19.5	1.00	20.00	0	97.5	57.7	125				
1,1,2-Trichloroethane	18.6	1.00	20.00	0	92.9	59.4	127				
1,3-Dichloropropane	19.4	1.00	20.00	0	96.9	64.3	135				
Tetrachloroethene (PCE)	20.6	1.00	20.00	0	103	50.3	133				
Dibromochloromethane	19.2	1.00	20.00	0	96.0	61.6	139				
Chlorobenzene	20.4	1.00	20.00	0	102	65.8	134				
1,1,1,2-Tetrachloroethane	18.8	1.00	20.00	0	93.9	65.4	135				
1,1,2,2-Tetrachloroethane	19.8	1.00	20.00	0	99.0	59.8	146				
2-Chlorotoluene	19.8	1.00	20.00	0	98.8	61.7	134				

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1410058
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **1410016-001AMS** SampType: **MS** Units: **µg/L** Prep Date: **10/9/2014** RunNo: **17300**
Client ID: **BATCH** Batch ID: **R17300** Analysis Date: **10/9/2014** SeqNo: **346023**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chlorotoluene	19.1	1.00	20.00	0	95.6	58.4	134				
1,2,3-Trichloropropane	20.6	1.00	20.00	0	103	62.4	129				
1,2,4-Trichlorobenzene	19.8	2.00	20.00	0	99.0	50.9	133				
1,3-Dichlorobenzene	18.9	1.00	20.00	0	94.3	58.2	128				
1,4-Dichlorobenzene	19.3	1.00	20.00	0	96.6	60.1	123				
1,2-Dichlorobenzene	19.3	1.00	20.00	0	96.7	65.4	133				
1,2-Dibromo-3-chloropropane	20.2	1.00	20.00	0	101	51.8	142				
Hexachlorobutadiene	19.9	4.00	20.00	0	99.7	58.1	130				
1,2,3-Trichlorobenzene	20.5	4.00	20.00	0	102	57	131				
Surr: Dibromofluoromethane	49.9		50.00		99.8	61.7	130				
Surr: Toluene-d8	49.7		50.00		99.5	40.1	139				
Surr: 1-Bromo-4-fluorobenzene	51.7		50.00		103	68.2	127				

Sample ID: **1410041-001ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **10/9/2014** RunNo: **17300**
Client ID: **BATCH** Batch ID: **R17300** Analysis Date: **10/9/2014** SeqNo: **346025**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	1.00						0		30	
Chloromethane	ND	1.00						0		30	
Vinyl chloride	ND	0.200						0		30	
Trichlorofluoromethane (CFC-11)	ND	1.00						0		30	
Chloroethane	ND	1.00						0		30	
1,1-Dichloroethene	ND	1.00						0		30	
Methylene chloride	ND	1.00						0		30	
trans-1,2-Dichloroethene	ND	1.00						0		30	
1,1-Dichloroethane	ND	1.00						0		30	
2,2-Dichloropropane	ND	2.00						0		30	
cis-1,2-Dichloroethene	ND	1.00						0		30	

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1410058
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **1410041-001ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **10/9/2014** RunNo: **17300**
Client ID: **BATCH** Batch ID: **R17300** Analysis Date: **10/9/2014** SeqNo: **346025**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	ND	1.00						0		30	
1,1,1-Trichloroethane (TCA)	ND	1.00						0		30	
1,1-Dichloropropene	ND	1.00						0		30	
Carbon tetrachloride	ND	1.00						0		30	
1,2-Dichloroethane	ND	1.00						0		30	
Trichloroethene (TCE)	ND	0.500						0		30	
1,2-Dichloropropane	ND	1.00						0		30	
Bromodichloromethane	ND	1.00						0		30	
cis-1,3-Dichloropropene	ND	1.00						0		30	
trans-1,3-Dichloropropene	ND	1.00						0		30	
1,1,2-Trichloroethane	ND	1.00						0		30	
1,3-Dichloropropane	ND	1.00						0		30	
Tetrachloroethene (PCE)	ND	1.00						0		30	
Dibromochloromethane	ND	1.00						0		30	
Chlorobenzene	ND	1.00						0		30	
1,1,1,2-Tetrachloroethane	ND	1.00						0		30	
1,1,2,2-Tetrachloroethane	ND	1.00						0		30	
2-Chlorotoluene	ND	1.00						0		30	
4-Chlorotoluene	ND	1.00						0		30	
1,2,3-Trichloropropane	ND	1.00						0		30	
1,2,4-Trichlorobenzene	ND	2.00						0		30	
1,3-Dichlorobenzene	ND	1.00						0		30	
1,4-Dichlorobenzene	ND	1.00						0		30	
1,2-Dichlorobenzene	ND	1.00						0		30	
1,2-Dibromo-3-chloropropane	ND	1.00						0		30	
Hexachlorobutadiene	ND	4.00						0		30	
1,2,3-Trichlorobenzene	ND	4.00						0		30	
Surr: Dibromofluoromethane	50.0		50.00		100	61.7	130		0		
Surr: Toluene-d8	49.9		50.00		99.8	40.1	139		0		

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1410058
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **1410041-001ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **10/9/2014** RunNo: **17300**
Client ID: **BATCH** Batch ID: **R17300** Analysis Date: **10/9/2014** SeqNo: **346025**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1-Bromo-4-fluorobenzene	49.3		50.00		98.5	68.2	127		0		

Sample ID: **LCS-R17300** SampType: **LCS** Units: **µg/L** Prep Date: **10/9/2014** RunNo: **17300**
Client ID: **LCSW** Batch ID: **R17300** Analysis Date: **10/9/2014** SeqNo: **346037**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	17.8	1.00	20.00	0	89.2	43	136				
Chloromethane	18.2	1.00	20.00	0	90.8	43.9	139				
Vinyl chloride	16.5	0.200	20.00	0	82.6	53.6	139				
Trichlorofluoromethane (CFC-11)	19.5	1.00	20.00	0	97.6	63.7	133				
Chloroethane	13.9	1.00	20.00	0	69.4	53	141				
1,1-Dichloroethene	17.6	1.00	20.00	0	88.2	65.6	136				
Methylene chloride	20.1	1.00	20.00	0	100	67.1	131				
trans-1,2-Dichloroethene	18.4	1.00	20.00	0	91.9	71.7	129				
1,1-Dichloroethane	18.9	1.00	20.00	0	94.4	67.9	134				
2,2-Dichloropropane	16.6	2.00	20.00	0	82.8	33.7	152				
cis-1,2-Dichloroethene	18.8	1.00	20.00	0	94.0	71.1	130				
Chloroform	19.9	1.00	20.00	0	99.4	66.3	131				
1,1,1-Trichloroethane (TCA)	17.5	1.00	20.00	0	87.6	71	131				
1,1-Dichloropropene	18.2	1.00	20.00	0	90.9	74.5	126				
Carbon tetrachloride	20.1	1.00	20.00	0	100	66.2	134				
1,2-Dichloroethane	19.1	1.00	20.00	0	95.5	70	129				
Trichloroethene (TCE)	19.7	0.500	20.00	0	98.4	65.2	136				
1,2-Dichloropropane	19.8	1.00	20.00	0	99.2	70.5	130				
Bromodichloromethane	19.6	1.00	20.00	0	98.1	74.6	127				
cis-1,3-Dichloropropene	17.4	1.00	20.00	0	87.2	62.6	137				
trans-1,3-Dichloropropene	18.4	1.00	20.00	0	92.2	58.5	142				
1,1,2-Trichloroethane	18.1	1.00	20.00	0	90.6	76	124				

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1410058
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCS-R17300** SampType: **LCS** Units: **µg/L** Prep Date: **10/9/2014** RunNo: **17300**
Client ID: **LCSW** Batch ID: **R17300** Analysis Date: **10/9/2014** SeqNo: **346037**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichloropropane	18.4	1.00	20.00	0	91.8	73.5	127				
Tetrachloroethene (PCE)	20.3	1.00	20.00	0	102	47.5	147				
Dibromochloromethane	18.2	1.00	20.00	0	90.8	67.2	134				
Chlorobenzene	19.9	1.00	20.00	0	99.7	73.9	126				
1,1,1,2-Tetrachloroethane	18.3	1.00	20.00	0	91.4	76.8	124				
1,1,2,2-Tetrachloroethane	19.2	1.00	20.00	0	95.8	62.9	132				
2-Chlorotoluene	18.8	1.00	20.00	0	94.0	70.8	130				
4-Chlorotoluene	18.8	1.00	20.00	0	94.2	70.1	131				
1,2,3-Trichloropropane	19.4	1.00	20.00	0	96.8	67.7	131				
1,2,4-Trichlorobenzene	20.3	2.00	20.00	0	101	67.6	129				
1,3-Dichlorobenzene	18.9	1.00	20.00	0	94.6	72.4	129				
1,4-Dichlorobenzene	18.8	1.00	20.00	0	93.9	70.6	128				
1,2-Dichlorobenzene	18.9	1.00	20.00	0	94.6	74.2	129				
1,2-Dibromo-3-chloropropane	21.9	1.00	20.00	0	109	63.1	136				
Hexachlorobutadiene	20.8	4.00	20.00	0	104	58.6	138				
1,2,3-Trichlorobenzene	20.1	4.00	20.00	0	101	50.2	139				
Surr: Dibromofluoromethane	49.0		50.00		97.9	61.7	130				
Surr: Toluene-d8	50.3		50.00		101	40.1	139				
Surr: 1-Bromo-4-fluorobenzene	51.5		50.00		103	68.2	127				

Sample ID: **MB-R17300** SampType: **MBLK** Units: **µg/L** Prep Date: **10/9/2014** RunNo: **17300**
Client ID: **MBLKW** Batch ID: **R17300** Analysis Date: **10/9/2014** SeqNo: **346038**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	1.00									
Chloromethane	ND	1.00									
Vinyl chloride	ND	0.200									
Trichlorofluoromethane (CFC-11)	ND	1.00									

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1410058
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **MB-R17300** SampType: **MBLK** Units: **µg/L** Prep Date: **10/9/2014** RunNo: **17300**
Client ID: **MBLKW** Batch ID: **R17300** Analysis Date: **10/9/2014** SeqNo: **346038**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
Methylene chloride	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
1,1-Dichloroethane	ND	1.00									
2,2-Dichloropropane	ND	2.00									
cis-1,2-Dichloroethene	ND	1.00									
Chloroform	ND	1.00									
1,1,1-Trichloroethane (TCA)	ND	1.00									
1,1-Dichloropropene	ND	1.00									
Carbon tetrachloride	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Trichloroethene (TCE)	ND	0.500									
1,2-Dichloropropane	ND	1.00									
Bromodichloromethane	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
trans-1,3-Dichloropropene	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,3-Dichloropropane	ND	1.00									
Tetrachloroethene (PCE)	ND	1.00									
Dibromochloromethane	ND	1.00									
Chlorobenzene	ND	1.00									
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
2-Chlorotoluene	ND	1.00									
4-Chlorotoluene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	2.00									
1,3-Dichlorobenzene	ND	1.00									

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1410058
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **MB-R17300** SampType: **MBLK** Units: **µg/L** Prep Date: **10/9/2014** RunNo: **17300**
Client ID: **MBLKW** Batch ID: **R17300** Analysis Date: **10/9/2014** SeqNo: **346038**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
Hexachlorobutadiene	ND	4.00									
1,2,3-Trichlorobenzene	ND	4.00									
Surr: Dibromofluoromethane	49.1		50.00		98.2	61.7	130				
Surr: Toluene-d8	48.8		50.00		97.5	40.1	139				
Surr: 1-Bromo-4-fluorobenzene	49.1		50.00		98.3	68.2	127				

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Sample Log-In Check List

Client Name:	**GL**	Work Order Number:	**1410058**
Logged by:	**Erica Silva**	Date Received:	**10/8/2014 1:05:00 PM**

Chain of Custody

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

Log In

3.	Coolers are present?	Yes ☑	No ☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes ☑	No ☐	
5.	Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Required ☑
6.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
7.	Were all coolers received at a temperature of >0°C to 10.0°C	Yes ☐	No ☑	NA ☐
	Samples received straight from field			
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 the 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)

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

Person Notified:		Date:	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

19. Additional remarks:

Item Information

Item #	Temp °C	Condition
Cooler	13.3	
Sample	13.2	

Fremont Analytical

Chain of Custody Record

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

Laboratory Project No (internal): 1410058

Date: 10/08/14

Page: 1 of: 1

Client: G-Logics
Address: 40 2nd Ave SE
City, State, Zip: Issaquah Tel: 425-391-6874
Reports To (PM): SH Fax:

Project Name: Gilman Square
Location: Issaquah
Collected by: SH
Email: shun@g-logics Project No: 01-0868-J

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

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOC (EPA 8260)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SEMI VOL (EPA 8270 - SIM)	PAH (EPA 8270 - SIM)	PCBs (EPA 8082)	Metals** (6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Comments/Depth
1	Baker OA1736-10 08/14	10/08	1100	H2O	x									x					Cl-Solvents Only
2																			Arsenic, Lead, Chromium Only
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

**Metals Analysis (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

Special Remarks:

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)

Relinquished	Date/Time	Received	Date/Time
x	10/8/14 105 p.m.	x	10-8-14 13:05
x		x	

TAT -> SameDay^ NextDay^ 2 Day 3 Day STD

^Please coordinate with the lab in advance

Distribution: White - Lab, Yellow - File, Pink - Originator

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

G-Logics
Stuart Hyde
40 Second Ave. SE
Issaquah, WA 98027

RE: Gilman Square
Lab ID: 1411117

November 13, 2014

Attention Stuart Hyde:

Fremont Analytical, Inc. received 4 sample(s) on 11/12/2014 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260

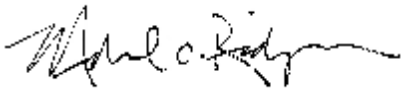
This report consists of the following:

- 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,



Mike Ridgeway
President

Date: *11/13/2014*

CLIENT: G-Logics
Project: Gilman Square
Lab Order: 1411117

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1411117-001	DW-Ex-13-56'	11/12/2014 9:15 AM	11/12/2014 11:21 AM
1411117-002	DW-Ex-14-56'	11/12/2014 9:40 AM	11/12/2014 11:21 AM
1411117-003	DW-Ex-GW-CE	11/12/2014 9:45 AM	11/12/2014 11:21 AM
1411117-004	DW-Ex-GW-NE	11/12/2014 9:45 AM	11/12/2014 11:21 AM

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

Case Narrative

WO#: **1411117**
Date: **11/13/2014**

CLIENT: G-Logics
Project: Gilman Square

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.

Client: G-Logics **Collection Date:** 11/12/2014 9:15:00 AM
Project: Gilman Square
Lab ID: 1411117-001 **Matrix:** Soil
Client Sample ID: **DW-Ex-13-56'**

Volatile Organic Compounds by EPA Method 8260

Batch ID: 9281 Analyst: BC

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane (CFC-12)	ND	0.0906		mg/Kg-dry	1	11/13/2014 7:17:00 AM
Chloromethane	ND	0.0906		mg/Kg-dry	1	11/13/2014 7:17:00 AM
Vinyl chloride	ND	0.00302		mg/Kg-dry	1	11/13/2014 7:17:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0755		mg/Kg-dry	1	11/13/2014 7:17:00 AM
Chloroethane	ND	0.0906		mg/Kg-dry	1	11/13/2014 7:17:00 AM
1,1-Dichloroethene	ND	0.0755		mg/Kg-dry	1	11/13/2014 7:17:00 AM
Methylene chloride	ND	0.0302		mg/Kg-dry	1	11/13/2014 7:17:00 AM
trans-1,2-Dichloroethene	ND	0.0302		mg/Kg-dry	1	11/13/2014 7:17:00 AM
1,1-Dichloroethane	ND	0.0302		mg/Kg-dry	1	11/13/2014 7:17:00 AM
2,2-Dichloropropane	ND	0.0755		mg/Kg-dry	1	11/13/2014 7:17:00 AM
cis-1,2-Dichloroethene	ND	0.0302		mg/Kg-dry	1	11/13/2014 7:17:00 AM
Chloroform	ND	0.0302		mg/Kg-dry	1	11/13/2014 7:17:00 AM
1,1,1-Trichloroethane (TCA)	ND	0.0302		mg/Kg-dry	1	11/13/2014 7:17:00 AM
1,1-Dichloropropene	ND	0.0302		mg/Kg-dry	1	11/13/2014 7:17:00 AM
Carbon tetrachloride	ND	0.0302		mg/Kg-dry	1	11/13/2014 7:17:00 AM
1,2-Dichloroethane (EDC)	ND	0.0453		mg/Kg-dry	1	11/13/2014 7:17:00 AM
Trichloroethene (TCE)	ND	0.0302		mg/Kg-dry	1	11/13/2014 7:17:00 AM
1,2-Dichloropropane	ND	0.0302		mg/Kg-dry	1	11/13/2014 7:17:00 AM
Bromodichloromethane	ND	0.0302		mg/Kg-dry	1	11/13/2014 7:17:00 AM
cis-1,3-Dichloropropene	ND	0.0302		mg/Kg-dry	1	11/13/2014 7:17:00 AM
trans-1,3-Dichloropropene	ND	0.0453		mg/Kg-dry	1	11/13/2014 7:17:00 AM
1,1,2-Trichloroethane	ND	0.0453		mg/Kg-dry	1	11/13/2014 7:17:00 AM
1,3-Dichloropropane	ND	0.0755		mg/Kg-dry	1	11/13/2014 7:17:00 AM
Tetrachloroethene (PCE)	ND	0.0302		mg/Kg-dry	1	11/13/2014 7:17:00 AM
Dibromochloromethane	ND	0.0453		mg/Kg-dry	1	11/13/2014 7:17:00 AM
Chlorobenzene	ND	0.0302		mg/Kg-dry	1	11/13/2014 7:17:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0453		mg/Kg-dry	1	11/13/2014 7:17:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0302		mg/Kg-dry	1	11/13/2014 7:17:00 AM
2-Chlorotoluene	ND	0.0302		mg/Kg-dry	1	11/13/2014 7:17:00 AM
4-Chlorotoluene	ND	0.0302		mg/Kg-dry	1	11/13/2014 7:17:00 AM
1,2,3-Trichloropropane	ND	0.0302		mg/Kg-dry	1	11/13/2014 7:17:00 AM
1,2,4-Trichlorobenzene	ND	0.0755		mg/Kg-dry	1	11/13/2014 7:17:00 AM
1,3-Dichlorobenzene	ND	0.0302		mg/Kg-dry	1	11/13/2014 7:17:00 AM
1,4-Dichlorobenzene	ND	0.0302		mg/Kg-dry	1	11/13/2014 7:17:00 AM
1,2-Dichlorobenzene	ND	0.0302		mg/Kg-dry	1	11/13/2014 7:17:00 AM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1411117**

Date Reported: **11/13/2014**

Client: G-Logics **Collection Date:** 11/12/2014 9:15:00 AM

Project: Gilman Square

Lab ID: 1411117-001 **Matrix:** Soil

Client Sample ID: **DW-Ex-13-56'**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: 9281		Analyst: BC
1,2-Dibromo-3-chloropropane	ND	0.0453		mg/Kg-dry	1	11/13/2014 7:17:00 AM
Hexachloro-1,3-butadiene	ND	0.151		mg/Kg-dry	1	11/13/2014 7:17:00 AM
1,2,3-Trichlorobenzene	ND	0.0302		mg/Kg-dry	1	11/13/2014 7:17:00 AM
Surr: Dibromofluoromethane	103	63.7-129		%REC	1	11/13/2014 7:17:00 AM
Surr: Toluene-d8	108	64.3-131		%REC	1	11/13/2014 7:17:00 AM
Surr: 1-Bromo-4-fluorobenzene	100	63.1-141		%REC	1	11/13/2014 7:17:00 AM
Sample Moisture (Percent Moisture)				Batch ID: R17989		Analyst: SL
Percent Moisture	22.6			wt%	1	11/12/2014 2:19:27 PM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Client: G-Logics **Collection Date:** 11/12/2014 9:40:00 AM
Project: Gilman Square
Lab ID: 1411117-002 **Matrix:** Soil
Client Sample ID: **DW-Ex-14-56'**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: 9281		Analyst: BC
Dichlorodifluoromethane (CFC-12)	ND	0.0917		mg/Kg-dry	1	11/13/2014 7:46:00 AM
Chloromethane	ND	0.0917		mg/Kg-dry	1	11/13/2014 7:46:00 AM
Vinyl chloride	ND	0.00306		mg/Kg-dry	1	11/13/2014 7:46:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0764		mg/Kg-dry	1	11/13/2014 7:46:00 AM
Chloroethane	ND	0.0917		mg/Kg-dry	1	11/13/2014 7:46:00 AM
1,1-Dichloroethene	ND	0.0764		mg/Kg-dry	1	11/13/2014 7:46:00 AM
Methylene chloride	ND	0.0306		mg/Kg-dry	1	11/13/2014 7:46:00 AM
trans-1,2-Dichloroethene	ND	0.0306		mg/Kg-dry	1	11/13/2014 7:46:00 AM
1,1-Dichloroethane	ND	0.0306		mg/Kg-dry	1	11/13/2014 7:46:00 AM
2,2-Dichloropropane	ND	0.0764		mg/Kg-dry	1	11/13/2014 7:46:00 AM
cis-1,2-Dichloroethene	ND	0.0306		mg/Kg-dry	1	11/13/2014 7:46:00 AM
Chloroform	ND	0.0306		mg/Kg-dry	1	11/13/2014 7:46:00 AM
1,1,1-Trichloroethane (TCA)	ND	0.0306		mg/Kg-dry	1	11/13/2014 7:46:00 AM
1,1-Dichloropropene	ND	0.0306		mg/Kg-dry	1	11/13/2014 7:46:00 AM
Carbon tetrachloride	ND	0.0306		mg/Kg-dry	1	11/13/2014 7:46:00 AM
1,2-Dichloroethane (EDC)	ND	0.0459		mg/Kg-dry	1	11/13/2014 7:46:00 AM
Trichloroethene (TCE)	ND	0.0306		mg/Kg-dry	1	11/13/2014 7:46:00 AM
1,2-Dichloropropane	ND	0.0306		mg/Kg-dry	1	11/13/2014 7:46:00 AM
Bromodichloromethane	ND	0.0306		mg/Kg-dry	1	11/13/2014 7:46:00 AM
cis-1,3-Dichloropropene	ND	0.0306		mg/Kg-dry	1	11/13/2014 7:46:00 AM
trans-1,3-Dichloropropene	ND	0.0459		mg/Kg-dry	1	11/13/2014 7:46:00 AM
1,1,2-Trichloroethane	ND	0.0459		mg/Kg-dry	1	11/13/2014 7:46:00 AM
1,3-Dichloropropane	ND	0.0764		mg/Kg-dry	1	11/13/2014 7:46:00 AM
Tetrachloroethene (PCE)	ND	0.0306		mg/Kg-dry	1	11/13/2014 7:46:00 AM
Dibromochloromethane	ND	0.0459		mg/Kg-dry	1	11/13/2014 7:46:00 AM
Chlorobenzene	ND	0.0306		mg/Kg-dry	1	11/13/2014 7:46:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0459		mg/Kg-dry	1	11/13/2014 7:46:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0306		mg/Kg-dry	1	11/13/2014 7:46:00 AM
2-Chlorotoluene	ND	0.0306		mg/Kg-dry	1	11/13/2014 7:46:00 AM
4-Chlorotoluene	ND	0.0306		mg/Kg-dry	1	11/13/2014 7:46:00 AM
1,2,3-Trichloropropane	ND	0.0306		mg/Kg-dry	1	11/13/2014 7:46:00 AM
1,2,4-Trichlorobenzene	ND	0.0764		mg/Kg-dry	1	11/13/2014 7:46:00 AM
1,3-Dichlorobenzene	ND	0.0306		mg/Kg-dry	1	11/13/2014 7:46:00 AM
1,4-Dichlorobenzene	ND	0.0306		mg/Kg-dry	1	11/13/2014 7:46:00 AM
1,2-Dichlorobenzene	ND	0.0306		mg/Kg-dry	1	11/13/2014 7:46:00 AM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1411117**
Date Reported: **11/13/2014**

Client: G-Logics
Collection Date: 11/12/2014 9:40:00 AM
Project: Gilman Square
Lab ID: 1411117-002
Matrix: Soil
Client Sample ID: **DW-Ex-14-56'**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: 9281		Analyst: BC
1,2-Dibromo-3-chloropropane	ND	0.0459		mg/Kg-dry	1	11/13/2014 7:46:00 AM
Hexachloro-1,3-butadiene	ND	0.153		mg/Kg-dry	1	11/13/2014 7:46:00 AM
1,2,3-Trichlorobenzene	ND	0.0306		mg/Kg-dry	1	11/13/2014 7:46:00 AM
Surr: Dibromofluoromethane	104	63.7-129		%REC	1	11/13/2014 7:46:00 AM
Surr: Toluene-d8	99.2	64.3-131		%REC	1	11/13/2014 7:46:00 AM
Surr: 1-Bromo-4-fluorobenzene	102	63.1-141		%REC	1	11/13/2014 7:46:00 AM
Sample Moisture (Percent Moisture)				Batch ID: R17989		Analyst: SL
Percent Moisture	36.5			wt%	1	11/12/2014 2:19:27 PM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1411117**
Date Reported: **11/13/2014**

Client: G-Logics
Collection Date: 11/12/2014 9:45:00 AM
Project: Gilman Square
Lab ID: 1411117-003
Matrix: Water
Client Sample ID: **DW-Ex-GW-CE**

Volatile Organic Compounds by EPA Method 8260

Batch ID: R18018 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM
Chloromethane	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM
Vinyl chloride	ND	0.200		µg/L	1	11/13/2014 2:46:00 PM
Trichlorofluoromethane (CFC-11)	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM
Chloroethane	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM
Methylene chloride	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM
2,2-Dichloropropane	ND	2.00		µg/L	1	11/13/2014 2:46:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM
Chloroform	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM
1,1,1-Trichloroethane (TCA)	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM
Trichloroethene (TCE)	ND	0.500		µg/L	1	11/13/2014 2:46:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM
Tetrachloroethene (PCE)	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM
Chlorobenzene	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM
1,2,4-Trichlorobenzene	ND	2.00		µg/L	1	11/13/2014 2:46:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1411117**
Date Reported: **11/13/2014**

Client: G-Logics
Collection Date: 11/12/2014 9:45:00 AM
Project: Gilman Square
Lab ID: 1411117-003
Matrix: Water
Client Sample ID: **DW-Ex-GW-CE**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R18018		Analyst: EM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	11/13/2014 2:46:00 PM
Hexachlorobutadiene	ND	4.00		µg/L	1	11/13/2014 2:46:00 PM
1,2,3-Trichlorobenzene	ND	4.00		µg/L	1	11/13/2014 2:46:00 PM
Surr: Dibromofluoromethane	98.8	61.7-130		%REC	1	11/13/2014 2:46:00 PM
Surr: Toluene-d8	98.7	40.1-139		%REC	1	11/13/2014 2:46:00 PM
Surr: 1-Bromo-4-fluorobenzene	115	68.2-127		%REC	1	11/13/2014 2:46:00 PM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1411117**
Date Reported: **11/13/2014**

Client: G-Logics
Collection Date: 11/12/2014 9:45:00 AM
Project: Gilman Square
Lab ID: 1411117-004
Matrix: Water
Client Sample ID: **DW-Ex-GW-NE**

Volatile Organic Compounds by EPA Method 8260

Batch ID: R18018 Analyst: EM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM
Chloromethane	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM
Vinyl chloride	ND	0.200		µg/L	1	11/13/2014 3:40:00 PM
Trichlorofluoromethane (CFC-11)	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM
Chloroethane	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM
Methylene chloride	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM
2,2-Dichloropropane	ND	2.00		µg/L	1	11/13/2014 3:40:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM
Chloroform	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM
1,1,1-Trichloroethane (TCA)	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM
Trichloroethene (TCE)	ND	0.500		µg/L	1	11/13/2014 3:40:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM
Tetrachloroethene (PCE)	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM
Chlorobenzene	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM
1,2,4-Trichlorobenzene	ND	2.00		µg/L	1	11/13/2014 3:40:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Analytical Report

WO#: **1411117**
Date Reported: **11/13/2014**

Client: G-Logics
Collection Date: 11/12/2014 9:45:00 AM
Project: Gilman Square
Lab ID: 1411117-004
Matrix: Water
Client Sample ID: **DW-Ex-GW-NE**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R18018		Analyst: EM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	11/13/2014 3:40:00 PM
Hexachlorobutadiene	ND	4.00		µg/L	1	11/13/2014 3:40:00 PM
1,2,3-Trichlorobenzene	ND	4.00		µg/L	1	11/13/2014 3:40:00 PM
Surr: Dibromofluoromethane	95.8	61.7-130		%REC	1	11/13/2014 3:40:00 PM
Surr: Toluene-d8	95.4	40.1-139		%REC	1	11/13/2014 3:40:00 PM
Surr: 1-Bromo-4-fluorobenzene	114	68.2-127		%REC	1	11/13/2014 3:40:00 PM

Qualifiers:

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
J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1411117
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **1411117-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **11/12/2014** RunNo: **18009**
Client ID: **DW-Ex-14-56'** Batch ID: **9281** Analysis Date: **11/13/2014** SeqNo: **358855**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	1.48	0.0917	1.529	0	96.7	43.5	121				
Chloromethane	1.57	0.0917	1.529	0	103	45	130				
Vinyl chloride	1.74	0.00306	1.529	0	114	51.2	146				
Trichlorofluoromethane (CFC-11)	2.44	0.0764	1.529	0	160	35	131				S
Chloroethane	2.21	0.0917	1.529	0	145	43.8	117				S
1,1-Dichloroethene	2.84	0.0764	1.529	0	186	61.9	141				S
Methylene chloride	1.73	0.0306	1.529	0	113	54.7	142				
trans-1,2-Dichloroethene	1.63	0.0306	1.529	0	106	52	136				
1,1-Dichloroethane	1.84	0.0306	1.529	0	120	51.8	141				
2,2-Dichloropropane	1.41	0.0764	1.529	0	91.9	36	123				
cis-1,2-Dichloroethene	1.84	0.0306	1.529	0	120	58.6	136				
Chloroform	1.75	0.0306	1.529	0	115	53.2	129				
1,1,1-Trichloroethane (TCA)	1.72	0.0306	1.529	0	113	58.3	145				
1,1-Dichloropropene	1.58	0.0306	1.529	0	103	55.1	138				
Carbon tetrachloride	1.68	0.0306	1.529	0	110	53.3	144				
1,2-Dichloroethane (EDC)	1.88	0.0459	1.529	0	123	51.3	139				
Trichloroethene (TCE)	1.83	0.0306	1.529	0	120	68.6	132				
1,2-Dichloropropane	1.80	0.0306	1.529	0	118	59	136				
Bromodichloromethane	1.69	0.0306	1.529	0	111	50.7	141				
cis-1,3-Dichloropropene	1.59	0.0306	1.529	0	104	50.4	138				
trans-1,3-Dichloropropene	1.59	0.0459	1.529	0	104	44.1	147				
1,1,2-Trichloroethane	1.78	0.0459	1.529	0	116	51.6	137				
1,3-Dichloropropane	1.68	0.0764	1.529	0	110	53.1	134				
Tetrachloroethene (PCE)	1.74	0.0306	1.529	0	114	35.6	158				
Dibromochloromethane	1.76	0.0459	1.529	0	115	55.3	140				
Chlorobenzene	1.46	0.0306	1.529	0	95.3	60	133				
1,1,1,2-Tetrachloroethane	1.62	0.0459	1.529	0	106	53.1	142				
1,1,2,2-Tetrachloroethane	1.56	0.0306	1.529	0	102	51.9	131				
2-Chlorotoluene	1.49	0.0306	1.529	0	97.5	51.6	136				

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1411117
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **1411117-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **11/12/2014** RunNo: **18009**
Client ID: **DW-Ex-14-56'** Batch ID: **9281** Analysis Date: **11/13/2014** SeqNo: **358855**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chlorotoluene	1.56	0.0306	1.529	0	102	50.1	139				
1,2,3-Trichloropropane	1.82	0.0306	1.529	0	119	50.5	131				
1,2,4-Trichlorobenzene	1.53	0.0764	1.529	0	100	50.8	130				
1,3-Dichlorobenzene	1.44	0.0306	1.529	0	94.4	52.6	131				
1,4-Dichlorobenzene	1.40	0.0306	1.529	0	91.8	52.9	129				
1,2-Dichlorobenzene	1.43	0.0306	1.529	0	93.5	55.8	129				
1,2-Dibromo-3-chloropropane	1.63	0.0459	1.529	0	107	40.5	131				
Hexachloro-1,3-butadiene	1.63	0.153	1.529	0	106	40.6	158				
1,2,3-Trichlorobenzene	1.54	0.0306	1.529	0	101	54.4	124				
Surr: Dibromofluoromethane	4.60		3.822		120	63.7	129				
Surr: Toluene-d8	3.89		3.822		102	64.3	131				
Surr: 1-Bromo-4-fluorobenzene	4.09		3.822		107	63.1	141				

NOTES:
S - Outlying QC recoveries were observed. The method is in control as indicated by the LCS.

Sample ID: **LCS-9281** SampType: **LCS** Units: **mg/Kg** Prep Date: **11/12/2014** RunNo: **18009**
Client ID: **LCSS** Batch ID: **9281** Analysis Date: **11/13/2014** SeqNo: **358863**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	0.978	0.0600	1.000	0	97.8	37.2	139				
Chloromethane	1.02	0.0600	1.000	0	102	38.8	132				
Vinyl chloride	1.06	0.00200	1.000	0	106	56.1	130				
Trichlorofluoromethane (CFC-11)	1.11	0.0500	1.000	0	111	42.9	147				
Chloroethane	1.15	0.0600	1.000	0	115	37.1	144				
1,1-Dichloroethene	1.03	0.0500	1.000	0	103	49.7	142				
Methylene chloride	0.910	0.0200	1.000	0	91.0	46.3	140				
trans-1,2-Dichloroethene	0.960	0.0200	1.000	0	96.0	68	130				
1,1-Dichloroethane	0.984	0.0200	1.000	0	98.4	65.5	132				
2,2-Dichloropropane	1.07	0.0500	1.000	0	107	28.1	149				

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1411117
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCS-9281** SampType: **LCS** Units: **mg/Kg** Prep Date: **11/12/2014** RunNo: **18009**
Client ID: **LCSS** Batch ID: **9281** Analysis Date: **11/13/2014** SeqNo: **358863**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	1.14	0.0200	1.000	0	114	71.3	135				
Chloroform	1.12	0.0200	1.000	0	112	67.5	129				
1,1,1-Trichloroethane (TCA)	1.04	0.0200	1.000	0	104	69	132				
1,1-Dichloropropene	1.02	0.0200	1.000	0	102	72.7	131				
Carbon tetrachloride	1.02	0.0200	1.000	0	102	63.4	137				
1,2-Dichloroethane (EDC)	1.22	0.0300	1.000	0	122	61.9	136				
Trichloroethene (TCE)	1.18	0.0200	1.000	0	118	65.5	137				
1,2-Dichloropropane	1.17	0.0200	1.000	0	117	63.2	142				
Bromodichloromethane	1.09	0.0200	1.000	0	109	73.2	131				
cis-1,3-Dichloropropene	1.07	0.0200	1.000	0	107	59.1	143				
trans-1,3-Dichloropropene	1.07	0.0300	1.000	0	107	49.2	149				
1,1,2-Trichloroethane	1.15	0.0300	1.000	0	115	74.5	129				
1,3-Dichloropropane	1.07	0.0500	1.000	0	107	70	130				
Tetrachloroethene (PCE)	1.13	0.0200	1.000	0	113	52.7	150				
Dibromochloromethane	1.10	0.0300	1.000	0	110	70.6	144				
Chlorobenzene	0.959	0.0200	1.000	0	95.9	76.1	123				
1,1,1,2-Tetrachloroethane	1.03	0.0300	1.000	0	103	74.8	131				
1,1,2,2-Tetrachloroethane	1.04	0.0200	1.000	0	104	60	130				
2-Chlorotoluene	0.988	0.0200	1.000	0	98.8	76.7	129				
4-Chlorotoluene	1.03	0.0200	1.000	0	103	77.5	125				
1,2,3-Trichloropropane	1.19	0.0200	1.000	0	119	67.9	136				
1,2,4-Trichlorobenzene	1.04	0.0500	1.000	0	104	65.6	137				
1,3-Dichlorobenzene	0.979	0.0200	1.000	0	97.9	72.8	128				
1,4-Dichlorobenzene	0.954	0.0200	1.000	0	95.4	72.6	126				
1,2-Dichlorobenzene	0.961	0.0200	1.000	0	96.1	72.8	126				
1,2-Dibromo-3-chloropropane	1.08	0.0300	1.000	0	108	61.2	139				
Hexachloro-1,3-butadiene	1.10	0.100	1.000	0	110	42	151				
1,2,3-Trichlorobenzene	1.04	0.0200	1.000	0	104	62.1	140				
Surr: Dibromofluoromethane	2.89		2.500		116	63.7	129				

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1411117
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCS-9281**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **11/12/2014**	RunNo: **18009**
Client ID: **LCSS**	Batch ID: **9281**		Analysis Date: **11/13/2014**	SeqNo: **358863**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	2.47		2.500		99.0	64.3	131				
Surr: 1-Bromo-4-fluorobenzene	2.61		2.500		104	63.1	141				

Sample ID: **MB-9281**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **11/12/2014**	RunNo: **18009**
Client ID: **MBLKS**	Batch ID: **9281**		Analysis Date: **11/13/2014**	SeqNo: **358864**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0600									
Chloromethane	ND	0.0600									
Vinyl chloride	ND	0.00200									
Trichlorofluoromethane (CFC-11)	ND	0.0500									
Chloroethane	ND	0.0600									
1,1-Dichloroethene	ND	0.0500									
Methylene chloride	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
1,1-Dichloroethane	ND	0.0200									
2,2-Dichloropropane	ND	0.0500									
cis-1,2-Dichloroethene	ND	0.0200									
Chloroform	ND	0.0200									
1,1,1-Trichloroethane (TCA)	ND	0.0200									
1,1-Dichloropropene	ND	0.0200									
Carbon tetrachloride	ND	0.0200									
1,2-Dichloroethane (EDC)	ND	0.0300									
Trichloroethene (TCE)	ND	0.0200									
1,2-Dichloropropane	ND	0.0200									
Bromodichloromethane	ND	0.0200									
cis-1,3-Dichloropropene	ND	0.0200									
trans-1,3-Dichloropropene	ND	0.0300									

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1411117
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **MB-9281** SampType: **MBLK** Units: **mg/Kg** Prep Date: **11/12/2014** RunNo: **18009**
Client ID: **MBLKS** Batch ID: **9281** Analysis Date: **11/13/2014** SeqNo: **358864**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2-Trichloroethane	ND	0.0300									
1,3-Dichloropropane	ND	0.0500									
Tetrachloroethene (PCE)	ND	0.0200									
Dibromochloromethane	ND	0.0300									
Chlorobenzene	ND	0.0200									
1,1,1,2-Tetrachloroethane	ND	0.0300									
1,1,2,2-Tetrachloroethane	ND	0.0200									
2-Chlorotoluene	ND	0.0200									
4-Chlorotoluene	ND	0.0200									
1,2,3-Trichloropropane	ND	0.0200									
1,2,4-Trichlorobenzene	ND	0.0500									
1,3-Dichlorobenzene	ND	0.0200									
1,4-Dichlorobenzene	ND	0.0200									
1,2-Dichlorobenzene	ND	0.0200									
1,2-Dibromo-3-chloropropane	ND	0.0300									
Hexachloro-1,3-butadiene	ND	0.100									
1,2,3-Trichlorobenzene	ND	0.0200									
Surr: Dibromofluoromethane	2.37		2.500		94.9	63.7	129				
Surr: Toluene-d8	2.54		2.500		102	64.3	131				
Surr: 1-Bromo-4-fluorobenzene	2.53		2.500		101	63.1	141				

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1411117
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCS-R18018** SampType: **LCS** Units: **µg/L** Prep Date: **11/13/2014** RunNo: **18018**
Client ID: **LCSW** Batch ID: **R18018** Analysis Date: **11/13/2014** SeqNo: **358945**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	17.6	1.00	20.00	0	88.0	43	136				
Chloromethane	17.8	1.00	20.00	0	88.8	43.9	139				
Vinyl chloride	18.6	0.200	20.00	0	92.8	53.6	139				
Trichlorofluoromethane (CFC-11)	18.8	1.00	20.00	0	94.2	63.7	133				
Chloroethane	24.0	1.00	20.00	0	120	53	141				
1,1-Dichloroethene	17.2	1.00	20.00	0	85.8	65.6	136				
Methylene chloride	24.5	1.00	20.00	0	122	67.1	131				
trans-1,2-Dichloroethene	15.1	1.00	20.00	0	75.6	71.7	129				
1,1-Dichloroethane	18.6	1.00	20.00	0	93.0	67.9	134				
2,2-Dichloropropane	20.4	2.00	20.00	0	102	33.7	152				
cis-1,2-Dichloroethene	17.2	1.00	20.00	0	85.8	71.1	130				
Chloroform	22.6	1.00	20.00	0	113	66.3	131				
1,1,1-Trichloroethane (TCA)	17.5	1.00	20.00	0	87.6	71	131				
1,1-Dichloropropene	20.3	1.00	20.00	0	101	74.5	126				
Carbon tetrachloride	19.0	1.00	20.00	0	95.2	66.2	134				
1,2-Dichloroethane	15.4	1.00	20.00	0	77.1	70	129				
Trichloroethene (TCE)	17.4	0.500	20.00	0	87.2	65.2	136				
1,2-Dichloropropane	19.7	1.00	20.00	0	98.7	70.5	130				
Bromodichloromethane	24.7	1.00	20.00	0	124	74.6	127				
cis-1,3-Dichloropropene	22.5	1.00	20.00	0	113	62.6	137				
trans-1,3-Dichloropropene	22.5	1.00	20.00	0	112	58.5	142				
1,1,2-Trichloroethane	22.6	1.00	20.00	0	113	76	124				
1,3-Dichloropropane	25.0	1.00	20.00	0	125	73.5	127				
Tetrachloroethene (PCE)	19.3	1.00	20.00	0	96.7	47.5	147				
Dibromochloromethane	18.5	1.00	20.00	0	92.6	67.2	134				
Chlorobenzene	19.7	1.00	20.00	0	98.4	73.9	126				
1,1,1,2-Tetrachloroethane	20.5	1.00	20.00	0	102	76.8	124				
1,1,2,2-Tetrachloroethane	25.8	1.00	20.00	0	129	62.9	132				
2-Chlorotoluene	21.4	1.00	20.00	0	107	70.8	130				

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1411117
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **LCS-R18018** SampType: **LCS** Units: **µg/L** Prep Date: **11/13/2014** RunNo: **18018**
Client ID: **LCSW** Batch ID: **R18018** Analysis Date: **11/13/2014** SeqNo: **358945**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chlorotoluene	23.2	1.00	20.00	0	116	70.1	131				
1,2,3-Trichloropropane	27.2	1.00	20.00	0	136	67.7	131				S
1,2,4-Trichlorobenzene	25.9	2.00	20.00	0	129	67.6	129				
1,3-Dichlorobenzene	20.0	1.00	20.00	0	100	72.4	129				
1,4-Dichlorobenzene	20.8	1.00	20.00	0	104	70.6	128				
1,2-Dichlorobenzene	21.3	1.00	20.00	0	106	74.2	129				
1,2-Dibromo-3-chloropropane	23.3	1.00	20.00	0	116	63.1	136				
Hexachlorobutadiene	16.6	4.00	20.00	0	83.2	58.6	138				
1,2,3-Trichlorobenzene	25.0	4.00	20.00	0	125	50.2	139				
Surr: Dibromofluoromethane	48.6		50.00		97.2	61.7	130				
Surr: Toluene-d8	47.8		50.00		95.7	40.1	139				
Surr: 1-Bromo-4-fluorobenzene	58.8		50.00		118	68.2	127				

NOTES:
S - Outlying spike recovery observed for 1,2,3-Trichloropropane (high bias). Samples are non-detect for this analyte, no further action required.

Sample ID: **MB-R18018** SampType: **MBLK** Units: **µg/L** Prep Date: **11/13/2014** RunNo: **18018**
Client ID: **MBLKW** Batch ID: **R18018** Analysis Date: **11/13/2014** SeqNo: **358946**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	1.00									
Chloromethane	ND	1.00									
Vinyl chloride	ND	0.200									
Trichlorofluoromethane (CFC-11)	ND	1.00									
Chloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
Methylene chloride	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
1,1-Dichloroethane	ND	1.00									
2,2-Dichloropropane	ND	2.00									

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Work Order: 1411117
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **MB-R18018** SampType: **MBLK** Units: **µg/L** Prep Date: **11/13/2014** RunNo: **18018**
Client ID: **MBLKW** Batch ID: **R18018** Analysis Date: **11/13/2014** SeqNo: **358946**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	ND	1.00									
Chloroform	ND	1.00									
1,1,1-Trichloroethane (TCA)	ND	1.00									
1,1-Dichloropropene	ND	1.00									
Carbon tetrachloride	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Trichloroethene (TCE)	ND	0.500									
1,2-Dichloropropane	ND	1.00									
Bromodichloromethane	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
trans-1,3-Dichloropropene	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,3-Dichloropropane	ND	1.00									
Tetrachloroethene (PCE)	ND	1.00									
Dibromochloromethane	ND	1.00									
Chlorobenzene	ND	1.00									
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
2-Chlorotoluene	ND	1.00									
4-Chlorotoluene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	2.00									
1,3-Dichlorobenzene	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
Hexachlorobutadiene	ND	4.00									
1,2,3-Trichlorobenzene	ND	4.00									
Surr: Dibromofluoromethane	47.6		50.00		95.2	61.7	130				

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Date: *11/13/2014*

Work Order: 1411117
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID: **MB-R18018** SampType: **MBLK** Units: **µg/L** Prep Date: **11/13/2014** RunNo: **18018**
Client ID: **MBLKW** Batch ID: **R18018** Analysis Date: **11/13/2014** SeqNo: **358946**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	46.6		50.00		93.2	40.1	139				
Surr: 1-Bromo-4-fluorobenzene	58.2		50.00		116	68.2	127				

Qualifiers:

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	J	Analyte detected below quantitation limits	ND	Not detected at the Reporting Limit
R	RPD outside accepted recovery limits	RL	Reporting Limit	S	Spike recovery outside accepted recovery limits

Sample Log-In Check List

Client Name:	**GL**	Work Order Number:	**1411117**
Logged by:	**Erica Silva**	Date Received:	**11/12/2014 11:21:00 AM**

Chain of Custody

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

Log In

3.	Coolers are present?	Yes ☑	No ☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes ☑	No ☐	
5.	Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Required ☑
6.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
7.	Were all coolers received at a temperature of >0°C to 10.0°C	Yes ☑	No ☐	NA ☐
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 the 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)

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

Person Notified:		Date:	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

19. Additional remarks:

Item Information

Item #	Temp ºC	Condition
Cooler	5.5	Good
Sample	7.1	Good

Chain of Custody Record

Fremont Analytical

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

Laboratory Project No (internal): 141117

Date: 11/12/14

Page: 1 of: 1

Client: G-Logics
Address: 40 2nd Ave SE
City, State, Zip: Issaquah
Tel: 425-391-6874
Reports To (PM): Stuart Hyde
Fax:

Project Name: Gilman Square
Location: Issaquah WA
Collected by: Stuart Hyde
Email: stuart@g-logics.com
Project No: 01-0868-5

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

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOC (EPA 8260)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SEMI VOL (EPA 8270)	PAH (EPA 8270 - SIM)	PCBs (EPA 8082)	Metals** (6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Comments/Depth
1	DW-EX-13-56'	11/12	0915	soil	X													Cl-Solvent Only
2	DW-EX-14-56'	↓	0940	soil	X													↓
3	DW-EX-GW-CE		0945	H_2O	X													
4	DW-EX-GW-NE		0945	H_2O	X													
5																		
6																		
7																		
8																		
9																		
10																		

**Metals Analysis (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

Special Remarks:

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)

Relinquished	Date/Time	Received	Date/Time
x [signature]	11/12/14 1120	x [signature]	11/12/14 11:21 am
Relinquished	Date/Time	Received	Date/Time
x		x	

TAT -> SameDay^ NextDay^ 2 Day 3 Day STD

^Please coordinate with the lab in advance

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.
4139 Libby Road NE • Olympia, WA 98506-2518

December 4, 2014

Stuart Hyde
G-Logics
40 2nd Avenue SE
Issaquah, WA 98027

Dear Mr. Hyde:

Please find enclosed the analytical data report for the Gilman Square Project located in Issaquah, Washington. Soil samples were analyzed for Volatile Organic Compounds by EPA Method 8260C on November 10, 2014.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. All soil samples are reported on a dry weight basis. An invoice for this analytical work has been emailed.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Phone (360) 352-2110 • Fax (360) 352-4154 • libbyenv@aol.com

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 11/10/14 Page: 1 of 1

Client: G-Logics, Inc
Address: 40 2nd Ave SE
City: Issaquah State: WA Zip: 98045
Phone: 425-391-6874 Fax:
Client Project # 01-0868-J

Project Manager: Stuart Hyde
Project Name: Gilman Square
Location: Issaquah City, State: WA
Collector: Stuart Hyde Date of Collection: 11-10-14
Email: stuarth@g-logics.com

	Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260 Chlorinated	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	NWTPH-Dx Ext.	PAH 8270	PCB's 8082	MTCA 5 Metals			Field Notes
1	DW-EX-1-62'	2'	1030	Soil				X												CL-Solvent Suite
2	DW-EX-2-60.5'	3.5'	1052																	
3	DW-EX-3-61'	3'	1200																	
4	DW-EX-4-58'	6'	1230																	
5	DW-EX-5-58'	6'	1315																	
6	DW-EX-6-61'	3'	1410																	
7	DW-EX-7-58'	6'	1440																	
8	DW-EX-8-59.5'	4.5'	1508																	
9	DW-EX-9-59'	5'	1550																	
10	DW-EX-10-57'	7'	1605																	
11																				
12																				
13																				
14																				
15																				
16																				
17																				

Relinquished by:	Date / Time	Received by:	Date / Time
Stuart Hyde	11/10/14 1615	[signature]	11/10/14 1615
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt:

Good Condition?	
Cold?	
Seals Intact?	
Total Number of Containers	

Remarks:

ML

TAT: 24HR 48HR 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

GILMAN SQUARE PROJECT
G-Logics, Inc.
Issaquah, Washington
Libby Project # L141110-40
Client Project # 01-0868-J

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description		Method Blank	DW-EX-1-62'	DW-EX-2-60.5'	DW-EX-3-61'	DW-EX-3-61' Dup	DW-EX-4-58'
Date Sampled	Reporting	N/A	11/10/14	11/10/14	11/10/14	11/10/14	11/10/14
Date Analyzed	Limits	11/10/14	11/10/14	11/10/14	11/10/14	11/10/14	11/10/14
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Chloromethane	0.06	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
Chloroethane	0.06	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
trans -1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.02	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd	nd
Chloroform	0.02	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.02	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	0.03	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	0.02	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	0.02	nd	nd	nd	nd	nd	nd
cis-1,3-Dichloropropene	0.02	nd	nd	nd	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.02	nd	nd	nd	nd	nd	nd
2-Chlorotoluene	0.02	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	0.02	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	0.03	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	0.03	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	0.03	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		126	122	133	132	127	111
1,2-Dichloroethane-d4		124	128	121	134	132	125
Toluene-d8		83	82	85	92	94	90
4-Bromofluorobenzene		105	77	91	82	75	72

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT
ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

GILMAN SQUARE PROJECT
G-Logics, Inc.
Issaquah, Washington
Libby Project # L141110-40
Client Project # 01-0868-J

Volatile Organic Compounds by EPA Method 8260C in Soil

Sample Description		DW-EX-5-58'	DW-EX-6-61'	DW-EX-7-58'	DW-EX-8-59.5'	DW-EX-9-59'	DW-EX-10-57'
Date Sampled	Reporting	11/10/14	11/10/14	11/10/14	11/10/14	11/10/14	11/10/14
Date Analyzed	Limits	11/10/14	11/10/14	11/10/14	11/10/14	11/10/14	11/10/14
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Chloromethane	0.06	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
Chloroethane	0.06	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
trans -1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.02	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.02	nd	nd	nd	nd	nd	nd
Chloroform	0.02	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.02	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	0.03	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	0.02	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	0.02	nd	nd	nd	nd	nd	nd
cis-1,3-Dichloropropene	0.02	nd	nd	nd	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.02	nd	nd	nd	nd	nd	nd
2-Chlorotoluene	0.02	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	0.02	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	0.03	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	0.03	nd	nd	nd	nd	nd	nd
1,2-Dichlorobenzene	0.03	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		99	113	124	112	112	119
1,2-Dichloroethane-d4		104	126	135	133	125	129
Toluene-d8		75	90	93	90	77	90
4-Bromofluorobenzene		78	80	82	82	86	85

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT
ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

GILMAN SQUARE PROJECT
G-Logics, Inc.
Issaquah, Washington
Libby Project # L141110-40
Client Project # 01-0868-J

QA/QC Data - EPA 8260C Analyses

Sample Identification: DW-EX-1-62'							
	Matrix Spike			Matrix Spike Duplicate			RPD
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	
1,1-Dichloroethene	0.50	0.53	106	0.50	0.53	106	0.0
Chlorobenzene	0.50	0.52	104	0.50	0.50	100	3.9
Trichloroethene (TCE)	0.50	0.60	119	0.50	0.58	116	2.7
Surrogate Recovery							
Dibromofluoromethane			123			133	
1,2-Dichloroethane-d4			129			122	
Toluene-d8			83			108	
4-Bromofluorobenzene			81			88	

Laboratory Control Sample			
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
1,1-Dichloroethene	0.50	0.50	100
Chlorobenzene	0.50	0.45	90
Trichloroethene (TCE)	0.50	0.53	106
Surrogate Recovery			
Dibromofluoromethane			126
1,2-Dichloroethane-d4			134
Toluene-d8			79
4-Bromofluorobenzene			98

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

APPENDIX H

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
PO Box 47600 • Olympia, WA 98504-7600 • 360-407-6000
711 for Washington Relay Service • Persons with a speech disability can call 877-833-6341

Dear owner, operator or interested party:

This packet summarizes requirements in the underground storage tank (UST) regulations (Chapter 173-360 WAC) for permanent closure of regulated USTs. It also includes forms that must be used to complete this process. These requirements do not apply to tanks that are exempt from these regulations.

At-a-Glance Summary of Permanent Closure Requirements:

- At least 30 days prior to beginning permanent closure activities, a 30-Day Notice must be submitted to the Department of Ecology (Ecology).
- Decommissioning and site assessment activities must be performed by International Code Council (ICC)-certified UST service providers.
- Within 30 days of completing permanent closure activities, submit a Permanent Closure Notice signed by the ICC-certified UST Decommissioner.
- If **no** contamination is confirmed during permanent closure activities, submit the following documents to Ecology within 30 days of completing permanent closure activities.
  - A Site Check/Site Assessment Checklist signed by the ICC-certified UST Site Assessor
  - A site assessment report completed by the Site Assessor
- If contamination **is** confirmed during permanent closure activities, submit the following documents to Ecology within 90 days of completing permanent closure activities.
  - A Site Check/Site Assessment Checklist signed by the ICC-certified UST Site Assessor
  - A site characterization report completed by the Site Assessor

Detailed Look at Permanent Closure:

Ecology must be notified 30 days in advance

At least 30 days prior to beginning permanent closure activities, a 30-Day Notice must be submitted to Ecology. This form, which includes service provider and owner information, provides the UST inspector advance notice so that he or she may visit the project site while decommissioning work is being conducted. If the exact date of closure is unknown when the 30-Day Notice is submitted, be sure to contact the Ecology inspector at least three business days prior to the project start date. **It is your responsibility to contact other local authorities, including the fire marshal, for any additional policies and/or permits.**

During the 30-day notice period, the contents of the tank may be pumped from the tank and recycled or disposed of as dangerous wastes.

ICC-certified service providers must be used

Service providers performing permanent closure activities must carry proof they are certified by the International Code Council (ICC) as an UST Decommissioner and Site Assessor.

Conducting tank closures is dangerous work and should not be completed by unqualified or inexperienced persons. Failure to follow proper procedures may result in fire, explosion, and other hazards to human health or the environment.

Permanent closure procedures

Permanent closure includes "removal", "closure-in-place", or "change-in-service" (i.e. changing the product stored in a tank from a regulated substance to an unregulated substance). These projects may begin 30 days **after** Ecology date stamps the 30-Day Notice and must be completed **within** 90 days after this date.

To begin the process, the ICC-certified Decommissioner will empty and clean tanks of all liquids and accumulated sludges. The tank must be properly inerted of flammable vapors, as directed by the International Fire Code. The Decommissioner must ensure the tank atmosphere and excavation area is regularly monitored for flammable or vapor concentrations until the tank is removed from both the excavation and the site. Piping, except any vent lines, shall be drained of product and be either capped or removed from the ground.

Tanks may then either be removed from the ground or filled with a solid inert material, such as CDF, a controlled density fill. Although the UST regulations allow for tanks to be closed in place, Ecology strongly recommends tanks be removed for the following reasons:

(1) it allows for the soil conditions to be observed,

(2) it is easier to collect soil samples needed for the site assessment (described below), and

(3) it may make any future property transactions less complicated, as potential buyers may not want to buy a property with a buried tank on it.

If a tank will be closed-in-place, first check with the local jurisdiction and fire marshal to ensure they will allow tanks to be closed using this method.

Once a tank is removed or filled with an inert material, the UST Decommissioner is required to fill out a Permanent Closure Notice that must also be signed by the owner or operator. This notice shall be submitted to Ecology **within 30 days after tank closure** activities are completed. If the site has a facility compliance tag, the tag must also be returned to Ecology at this time.

All permanent closures require a site assessment be conducted

A site assessment is an investigation to determine if the UST system released regulated product into the soil or groundwater. It must be performed in accordance with Ecology's *Guidance for Site Checks and Site Assessments for USTs* and completed by an ICC-certified Site Assessor or a Washington-registered Professional Engineer (or P.E.) who is competent, by means of examination, experience, or education, to perform site assessments. The guidance provides information on sampling procedures, the number and locations of samples to be obtained, required laboratory analyses, and reporting requirements.

A Site Check/Site Assessment Checklist must be completed by the Site Assessor and submitted to Ecology **within thirty (30) days of completion of the site assessment**. A site assessment report must be submitted to Ecology within 30 days after tank closure if no confirmed contamination is discovered. If the UST

system has caused a release to the environment, then, instead, a site characterization report shall be submitted within 90 days of tank closure.

Releases discovered during tank closure must be reported to Ecology

When contaminated soil, groundwater, or free liquid- or vapor-phase petroleum products are discovered during tank removal, site assessment, or by any other means, the owner/operator is responsible for reporting this information to Ecology within twenty-four (24) hours of discovery. The Decommissioner or Site Assessor must report confirmed releases to the owner/operator immediately and to Ecology within 72 hours after discovering the condition.

Soil contaminated by petroleum and/or hazardous substances must be remediated under the Model Toxics Control Act, which describes the process for cleaning up contaminated sites. Contaminated soil must be disposed of at a permitted facility that accepts dangerous waste. If it is to be "landfarmed" on or offsite, be sure your local jurisdiction allows this and that you understand all the requirements for this remediation method.

Record Keeping

The results of a site assessment must be submitted to Ecology and maintained by the owner for at least five years after completion of tank permanent closure. However, Ecology recommends records be maintained indefinitely by the owner. Proof of a "clean closure" is very important regarding any future property transfers or related business transactions, such as obtaining loans or insurance.

Further questions or reporting a release? *Please contact your regional office below.*

Regional Office	**Counties Served**
Central (509) 575-2490	Benton, Chelan, Douglas, Kittitas, Klickitat, Okanogan, Yakima
Eastern (509) 329-3400	Adams, Asotin, Columbia, Ferry, Franklin, Garfield, Grant, Lincoln, Pend Oreille, Spokane, Stevens, Walla Walla, Whitman
HQ (360) 407-7170	Federal facilities in Western Washington
Northwest (425) 649-7000	Island, King, Kitsap, San Juan, Skagit, Snohomish, Whatcom
Southwest (360) 407-6300	Clallam, Clark, Cowlitz, Grays Harbor, Jefferson, Lewis, Mason, Pacific, Pierce, Skamania, Thurston, Wahkiakum

or find a complete list of UST inspectors at:
www.ecy.wa.gov/programs/tcp/ust-lust/people.html

To find electronic versions of this letter and the enclosed forms, please visit:
http://www.ecy.wa.gov/programs/tcp/ust-lust/2011/03-out-of-svc.html.

If you need this document in a format for the visually impaired, called the Toxics Cleanup Program at 360- 407-7071. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

Your copy of the 30-Day Notice, Intent to Close, has been stamped with the date it was received by the Department of Ecology (Ecology). You may begin work 30 days after that "received" date. Field inspectors with the UST program may visit the site during or after the 30-day waiting period; however, it is not always possible to visit every site.

The attached forms as well as a Site Assessment Report are required to be submitted to Ecology once the tanks have been decommissioned. It is the owner's/operator's responsibility to make sure that their service providers complete the documents and forward them to Ecology. They should be sent to:

Department of Ecology
ATTN: Underground Storage Tank Unit
PO Box 47600
Olympia, WA 98504-7600

If you have any questions, please call Gail Jaskar at (360) 407-7225 or Sherri Greenup at (360) 407-7466.

Thank you.

WASHINGTON STATE DEPARTMENT OF ECOLOGY

UNDERGROUND STORAGE TANK
Site Check/Site Assessment Checklist

FOR OFFICE USE ONLY
Site #:_____
Facility Site ID #:_____

INSTRUCTIONS

When a release has not been confirmed and reported, this Site Check/Site Assessment Checklist must be completed and signed by a person certified by ICC or a Washington registered professional engineer who is competent, by means of examination, experience, or education, to perform site assessments. **The results of the site check or site assessment must be included with this checklist.** This form must be submitted to Ecology at the address shown below within 30 days after completion of the site check/site assessment.

SITE INFORMATION: Include the Ecology site ID number if the tanks are registered with Ecology. This number may be found on the tank owner's invoice or tank permit.

TANK INFORMATION: Please list all tanks for which the site check or site assessment is being conducted. Use the owner's tank ID numbers if available, and indicate tank capacity and substance stored.

REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT: Please check the appropriate item.

CHECKLIST: Please initial each item in the appropriate box.

SITE ASSESSOR INFORMATION: This information must be signed by the registered site assessor who is responsible for conducting the site check/site assessment.

Underground Storage Tank Section
Department of Ecology
PO Box 47655
Olympia WA 98504-7655

SITE INFORMATION

Site ID Number (Available from Ecology if the tanks are registered): _____
Site/Business Name: _____
Site Address: _____ Telephone: (___)_____
Street
_____
City State Zip Code

TANK INFORMATION

Tank ID No.	Tank Capacity	Substance Stored

REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT

Check one:

_____ Investigate suspected release due to on-site environmental contamination.
_____ Investigate suspected release due to off-site environmental contamination.
_____ Extend temporary closure of UST system for more than 12 months.
_____ UST system undergoing change-in-service.
_____ UST system permanently closed with tank removed.
_____ Abandoned tank containing product.
_____ Required by Ecology or delegated agency for UST system closed before 12/22/88.
_____ Other (describe): _____

CHECKLIST

Each item of the following checklist shall be initialed by the person registered with the Department of Ecology whose signature appears below.	YES	NO
1. The location of the UST site is shown on a vicinity map.		
2. A brief summary of information obtained during the site inspection is provided. (see Section 3.2 in site assessment guidance)		
3. A summary of UST system data is provided. (see Section 3.1.)		
4. The soils characteristics at the UST site are described. (see Section 5.2)		
5. Is there any apparent groundwater in the tank excavation?		
6. A brief description of the surrounding land use is provided. (see Section 3.1)		
7. Information has been provided indicating the number and types of samples collected, methods used to collect and analyze the samples, and the name and address of the laboratory used to perform the analyses.		
8. A sketch or sketches showing the following items is provided:		
- location and ID number for all field samples collected		
- groundwater samples distinguished from soil samples (if applicable)		
- samples collected from stockpiled excavated soil		
- tank and piping locations and limits of excavation pit		
- adjacent structures and streets		
- approximate locations of any on-site and nearby utilities		
9. If sampling procedures different from those specified in the guidance were used, has justification for using these alternative sampling procedures been provided? (see Section 3.4)		
10. A table is provided showing laboratory results for each sample collected including; sample ID number, constituents analyzed for and corresponding concentration, analytical method and detection limit for that method.		
11. Any factors that may have compromised the quality of the data or validity of the results are described.		

12. The results of this site check/site assessment indicate that a confirmed release of a regulated substance has occurred.		

SITE ASSESSOR INFORMATION

_____ _____
Person registered with Ecology Firm Affiliated with

Business Address: _____ Telephone: (___) _____
Street

_____
City State Zip Code

I hereby certify that I have been in responsible charge of performing the site check/site assessment described above. Persons submitting false information are subject to penalties under Chapter 173.360 WAC.

_____ _____
Date Signature of Person Registered with Ecology

If you need this publication in an alternate format, please contact Toxics Cleanup Program at (360) 407-7170. For persons with a speech or hearing impairment call 711 for relay service or 800-833-6388 for TTY.

DEPARTMENT OF ECOLOGY
State of Washington

UST ID #: _____

County: _____

PERMANENT CLOSURE NOTICE
FOR UNDERGROUND STORAGE TANKS

This notice certifies that permanent closure activities were performed and conducted in accordance with Chapter 173-360 WAC. Instructions are found on the back page.

I. UST FACILITY	II. OWNER/OPERATOR INFORMATION
Facility Compliance Tag #:	Owner/Operator Name:
UST ID #:	Business Name:
Site Name:	Address:
Site Address:	City: State: Zip:
City:	Phone:
Phone:	Email:

III. CERTIFIED UST DECOMMISSIONER	
Company Name:	Service Provider Name:
Address:	Certification Type:
City: State: Zip:	Cert. No.: Exp. Date:
Provider Phone:	Provider Email:
Provider Signature:	***Date:***

IV. TANK INFORMATION

TANK ID	TANK CAPACITY	LAST SUBSTANCE STORED	CLOSURE METHOD			CLOSURE DATE
			removal	closed-in-place	change-in-service	
			☐	☐	☐	
			☐	☐	☐	
			☐	☐	☐	
			☐	☐	☐	
			☐	☐	☐	
			☐	☐	☐	

V. REQUIRED SIGNATURE

Signature acknowledges UST(s) comply with UST regulation WAC 173-360-380 Temporary Closure Requirements.

Date	Signature of Tank Owner/Operator or Authorized Representative	Print or Type Name

PERMANENT CLOSURE NOTICE
FOR UNDERGROUND STORAGE TANKS

INSTRUCTIONS

This form must be completed and submitted **within thirty days of completing** permanent closure activities to the following address:

Dept. of Ecology
UST Section
PO Box 47655
Olympia, WA 98504-7655

I./II. UST Facility and Owner/Operator: Fill out these sections completely. If you do not know your UST ID number, include the facility compliance tag number. If all tanks at the site are permanently closed, the facility compliance tag must be returned with this notice.

III. UST Decommissioner: It is the responsibility of the ICC-certified Decommissioner to follow proper tank closure procedures in accordance with WAC 173-360-375. The Decommissioner signature certifies these procedures were followed.

IV. Tank Information: Use the same Tank IDs that are listed on the facility's Business License. List the last substance stored in each tank, the tank sizes, the method by which the tank is being closed, and the date closure activities were conducted. All closure methods require a site assessment be conducted in accordance with Ecology's *Guidance for Site Checks and Site Assessments for Underground Storage Tanks*.

V. Required Signature: The owner and/or operator's signature is required. Also, the owner and/or operator is responsible for reporting confirmed releases to Ecology within 24 hours.

All confirmed releases must be reported to Ecology by the owner immediately and by service providers within 72 hours of the discovery of the condition. If the owner or operator is not immediately available, the report should be made directly to Ecology.

Be sure to contact your local fire marshal and other local jurisdictions. They may have other codes and regulations that apply to a permanent tank closure.

Further questions? *Please contact your regional office below and ask for a tank inspector to assist you.*

Regional Office	Counties Served
Central (509) 575-2490	Benton, Chelan, Douglas, Kittitas, Klickitat, Okanogan, Yakima
Eastern (509) 329-3400	Adams, Asotin, Columbia, Ferry, Franklin, Garfield, Grant, Lincoln, Pend Oreille, Spokane, Stevens, Walla Walla, Whitman
HQ (360) 407-7170	Federal facilities in Western Washington
Northwest (425) 649-7000	Island, King, Kitsap, San Juan, Skagit, Snohomish, Whatcom
Southwest (360) 407-6300	Clallam, Clark, Cowlitz, Grays Harbor, Jefferson, Lewis, Mason, Pacific, Pierce, Skamania, Thurston, Wahkiakum

or find a complete list of UST inspectors at:
www.ecy.wa.gov/programs/tcp/ust-lust/people.html

Sent March 5, 2015

DEPARTMENT OF ECOLOGY
State of Washington

UNDERGROUND STORAGE TANK (UST)
30-DAY NOTICE

(See back of form for instructions)

FOR OFFICE USE ONLY
Site ID #
FS ID # 24139

Please ✓ the appropriate box: ☐ Intent to Install ☒ Intent to Close

RECEIVED
MAR 11 2015
Department of Ecology
Toxics Cleanup Program

HQ (360)407-7170 / Central (509)575-2490 / Eastern (509)329-3400 / Northwest (425)649-7000 / Southwest (360)407-6300

SITE INFORMATION

N/A
Tag or UBI number

Gilman Square
Site Name

615 NW Gilman Blvd
Site Physical Address

Issaquah, WA 98027
City Zip Code

Site Phone Number

OWNER INFORMATION
(this form will be returned to this address)

LMC Gilman Square, LLC
UST Owner/Operator

1325 Fourth Ave, Suite 1700
Mailing Address/PO Box

Seattle, WA 98101
City Zip Code

Kurt Reiswig / (206) 465-4565
Owner/Operator Phone Number

kurt.reiswig@lennar.com
Owner/Operator Email Address

TANK INFORMATION

Tank ID	Substance Stored	Capacity	Date Project is Expected to Begin	Comments:
N/A	Petroleum	10,000	April 21, 2015	Tanks purportedly closed in place in 1980's. No documents found.
		3,000		
		4,000		
		3,000		
		250		

1) SERVICE PROVIDER INFORMATION - check the appropriate boxes

PLEASE NOTE: INDIVIDUALS PERFORMING UST SERVICES MUST BE ICC CERTIFIED OR HAVE PASSED ANOTHER QUALIFYING EXAM APPROVED BY THE DEPARTMENT OF ECOLOGY.

☐ Installer ☐ Decommissioner ☒ Site Assessor

G-Logics
Service Provider Company Name

Stuart Hyde
Certified Service Provider Name

8178334
ICC Certification #

Stuart Hyde
Contact Person

(804) 837-5205
Contact Phone Number

stuarth@g-logics.com
Contact Email Address

2) SERVICE PROVIDER INFORMATION (REQUIRED IF USING MORE THAN ONE PROVIDER) - check the appropriate boxes

☐ Installer ☒ Decommissioner ☐ Site Assessor

Clearcreek Contractors
Service Provider Company Name

Nathan Hoffman
Certified Service Provider Name

ICC00219270
ICC Certification #

Rob Liden
Contact Person

(206) 423-6516
Contact Phone Number

robl@clearcreekcon.com
Contact Email Address

Instructions

Please Read Carefully

AFTER COMPLETING THIS FORM, RETURN TO:

DEPARTMENT OF ECOLOGY
TOXICS CLEANUP PROGRAM
P.O. BOX 47655
OLYMPIA, WA 98504-7655

GENERAL

Under WAC 173-360-200 and 173-360-385, owners and operators are required to notify Ecology 30 days prior to beginning underground storage tank (UST) installation or decommissioning projects. Please use a separate form for each activity. Once this form is received and processed by Ecology, it is date stamped and returned to the owner listed on the form. Installation and decommissioning projects may begin 30 days after the date stamped on the form. If a project cannot meet the deadlines described below, you must submit an additional 30-Day Notice. The 30-day wait period may be waived on these additional 30-Day Notices by contacting the inspector in your region.

SITE AND OWNER INFORMATION

Fill in the site and owner information and be sure to provide telephone numbers and email addresses so that any problems can be resolved quickly. Include the facility compliance tag or UBI number for tank closures.

TANK INFORMATION

List tanks to be installed or closed, substance stored (e.g. gas, diesel, etc), tank size and date the project is expected to begin. **The contact person listed on this form must confirm the exact date an installation and/or decommissioning project will begin at least three business days before proceeding.** Please report tank ID number(s) for tanks to be closed and assign new Tank ID number(s) to tanks being installed. If you are installing new tanks, do not assign a Tank ID number that has previously been used at the facility. Use the Comments box to include additional information, such as when product was removed so that no more than one inch of residue remains in the system.

TANK INSTALLATIONS

List the installation company. The date stamped on the form indicates the beginning of a 90-day period in which an installation project must begin. Once, processed, this form also allows you to receive a one-time drop of product, for UST system testing purposes only. The fuel drop is not required to occur within this 90-day period.

To dispense product and receive additional deliveries, you must complete the Business License registration and obtain your facility compliance tag from Ecology. The registration information must be submitted to the Department of Revenue within 30 days of installation to receive a Business License with the appropriate tank endorsement(s). **If, at any time, your tank(s) store greater than one inch of product, you must begin using an acceptable release detection method to monitor for leaks every month.**

PERMANENT TANK CLOSURES

List the closure and site assessor companies. Upon receiving a completed 30-day closure form, Ecology will stamp the date received on the form and return a copy to the owner. Decommissioning projects must be completed 90 days after the stamped date. **No work may begin within the first 30 days unless a waiver has been obtained from Ecology.**

Contact your local fire marshal and planning department prior to tank closure to find out if any additional permits are required by county or other local jurisdictions. Compliance with the State Environmental Policy Act (SEPA) Rules, Chapter 197-11 WAC, may be required.

A site assessment is required at the time of closure. Contamination found or suspected at the site must be reported to the appropriate Ecology regional office within 24 hours. If the contamination is confirmed, a site characterization report must be submitted to the regional office within 90 days; if contamination is not confirmed, a site assessment report must be submitted to the above address within 30 days.

The following are examples of tanks that are exempt from notification requirements.

- Farm or residential tanks, 1,100 gallons or less, used to store motor fuel for personal or farm use only. The fuel must be used for farm purposes and cannot be for resale.
- Tanks used for storing heating oil that is used solely for the purpose of heating the premises.
- Tanks with a capacity of 110 gallons or less.
- Equipment or machinery tanks such as hydraulic lifts or electrical equipment tanks.
- Emergency overflow tanks, catch basins, or sumps.

If you need this document in a format for the visually impaired, call Toxics Cleanup Program at (360) 407-7170. Persons with hearing loss can call 711 for Washington Relay Service. Persons with speech disability, call (877) 833-6341.

BUILDING PERMIT

CITY OF ISSAQUAH
WASHINGTON
Development Services
1775 12th Ave NW
Issaquah, WA 98027

Permit Number: BLD15-00157

SubType: COM - ALT

Project Name: ATLAS (SEVENTH AT GILMAN) 5 UST TANK REMOVALS
Site Address: 1118 7TH AVE NW
Parcel Number: 2824069284

Applied:	04/15/2015
Issued:	04/29/2015
Expires:	04/28/2017
Valuation:	$20,000

Owner

GILMAN SQUARE LLC
500 108TH AVE NE #2400
BELLEVUE, WA 98004

Contractor

ANDERSEN CONSTRUCTION
6712 N CUTTER CIRCLE
PORTLAND, OR 97217
License: ANDERC*907DN **Phone:** (503) 283-6712

Description of Work: Tank Decommission (5 USTs tanks) by Marine Vacuum Services

Code Edition:
Zoning: MU
Lot Area:

Building Information	
Stories:	0
Floor Area:	0

Residential Units	
No. of New D/U's	0
No. of Removed D/U's	0

Occupancy		
Type	Group	Load

Post this permit in a visible and accessible location at the job site and have the approved plans available.

Inspection Scheduling

To schedule or cancel an inspection, go to **MyBuildingPermit.com.** For cancelations on day of, please call 425-837-3100. Re-inspection fee may be assessed if inspector has been dispatched.

Inspection request cut off: 6:00 AM (Backflow is 3:30 day before)
You may optionally request AM or PM in the "Message to Inspector" box.
Homeowners may request a two-hour window between 8am and 3:30pm.
Requests are not guaranteed.

MBP Inspection Request

Permit Expiration

There is limited ablity to extend the expiration date. Please call 425-837-3100 if you have questions about permit expiration.

Hiring an unlicensed contractor is prohibited and carries potential risk and monetary liability to the property owner. Visit HiringaContractor.Lni.wa.gov or call 1-800-647-0982 to learn more.

Occupancy

Single Family & Duplexes: The final sign-off on the inspection card is your Certificate of Occupancy.

New Non-Residential and Change of Use: Certificate of Occupancy is required. Bring fully signed off permit card to the Permit Center for your certificate.

INSPECTION RECORD

Permit Number: BLD15-00157
Site Addres: 1118 7TH AVE NW

	Note	Date	Inspector
BUILDING			
FOOTING/PIER/SOIL			
FOUNDATION WALL			
FIRE STOPPING			
WALLBOARD NAILING			
FRAMING			
SUSPENDED CEILING			
INSULATION/ENERGY			
PLUMBING			
PLM ROUGH-IN			
WTR QUALITY ROUGH-IN			
PLM GROUNDWORK			
PLM HYDRONICS			
PLM ROOF/FOOT DRAIN			
PLM WATERLINE			
PLM FINAL			
MECHANICAL			
MECH ROUGH-IN			
MECH RTU CONNECTION			
MECH GAS PIPING			
MECH FIRE/SMOKE DAMP			
MECH DUCT LIGHT TEST			
MECH FINAL			
FINAL			
C OF O			
**FINAL INSPECTION			

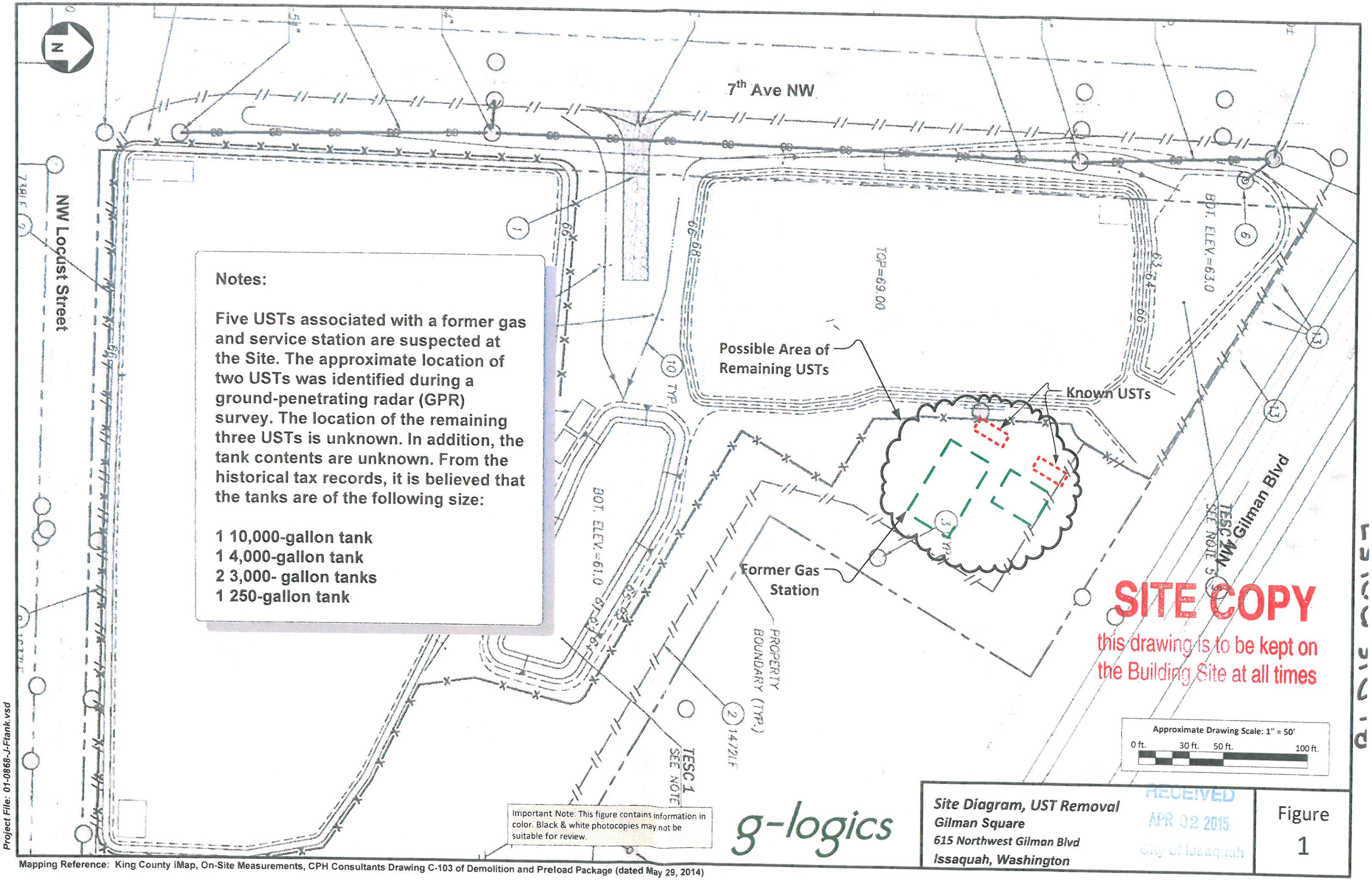
	Note	Date	Inspector

All inspections are required by law. Do not proceed until previous inspections are signed. This card and approved plans must be posted at the job site at all times.

Inspector's Notes:

	TCO			C OF O	
	INSP	DATE	EXPIRES	INSP	DATE
FIRE DEPT (425) 313-3322 OR (425) 313-3324					
WATER QUAL (425) 837-3470					
BUILDING					

THIS COMPLETED AND SIGNED CARD IS A CERTIFICATE OF OCCUPANCY FOR SINGLE FAMILY AND DUPLEXES ONLY


N
7th Ave NW
NW Locust Street
Notes:
Five USTs associated with a former gas and service station are suspected at the Site. The approximate location of two USTs was identified during a ground-penetrating radar (GPR) survey. The location of the remaining three USTs is unknown. In addition, the tank contents are unknown. From the historical tax records, it is believed that the tanks are of the following size:
1 10,000-gallon tank
1 4,000-gallon tank
2 3,000- gallon tanks
1 250-gallon tank
Possible Area of Remaining USTs
Known USTs
Former Gas Station
TOP=69.00
BOT. ELEV.=63.0
BOT. ELEV.=61.0
PROPERTY BOUNDARY (TYP.)
TESC 1 SEE NOTE 5
TESC NOTE 5
NW Gilman Blvd
SITE COPY
this drawing is to be kept on the Building Site at all times
Approximate Drawing Scale: 1" = 50'
0 ft. 30 ft. 50 ft. 100 ft.
Important Note: This figure contains information in color. Black & white photocopies may not be suitable for review.
g-logics
Site Diagram, UST Removal
Gilman Square
615 Northwest Gilman Blvd
Issaquah, Washington
RECEIVED
APR 02 2015
City of Issaquah
Figure 1
Project File: 01-0868-J-Ftank.vsd
Mapping Reference: King County iMap, On-Site Measurements, CPH Consultants Drawing C-103 of Demolition and Preload Package (dated May 29, 2014)

04/28/2015

CITY OF ISSAQUAH WASHINGTON

Conditions Associated With

Case #: BLD15-00157

Title	Date	By
#SPECIAL CONDITION	04/17/2015	DP

(4/17/2015 9:15 AM DP)
Contractor must follow all DOE Requirements for UGT removal and disposal.

BLD TANK REMOVAL-COMM	04/17/2015	TR

1. A State Certified site assessor to be on location during tank removal. 2. Assessor to submit a report on conditions found at the site, referencing DOE guidelines for clean-up and shall provide a summary of results and a copy of any and all reports sent to DOE. 3. Owner shall submit a letter of certification for DOE if the site was found to be contaminated and subsequently cleaned up. 4. Please call for fire department inspection 24 hours prior to tank removal at 425-313-3310. LEL must be 0% or one pound dry ice per 50 gallons tank capacity must be inserted into tank to insure the tank atmosphere is inert prior to use of heavy equipment.Fire inspection at time of tank removal required.

FIRE - INSPECTION	04/27/2015	ML

Inspection(s) required by Eastside Fire and Rescue. Please request inspection at www.eastsidefire-rescue.org. Please allow 48 hour turnaround time for the request.

SITE COPY

Handout 113

Construction Requirements

CITY OF ISSAQUAH WASHINGTON
Development Services Department
1775 – 12th Ave. NW | P.O. Box 1307
Issaquah, WA 98027
425-837-3100 | DSD@issaquahwa.gov

Project Representative Available
The General Contractor shall have a project representative available to City Inspectors at all times. This person shall be authorized to make decisions necessary to conduct day-to-day construction activities.

Construction Hours: M-F 7:00 AM to 6:00 PM except holidays.
Any work performed outside of the times noted above shall be allowed only by written request to, and approval by the Building Official. Requests for "Weekend/Holiday Work Permits" must be turned in to the City no later than THURSDAY, 12:00 noon, prior to the weekend requesting work. Late requests will not be considered. SATURDAY work hours are 9:00 AM to 5:00 PM. **NO SUNDAY WORK ALLOWED.**
Note - Weekend work permits are free of charge.

Revisions to Plans
Any revisions to the plans must be submitted to the Development Services Department **ON FULL-SIZE SHEETS.** Changes must be clouded and any new sheets must be added to the sheet index. Please fill out a City of Issaquah green revision form and submit the form with the changes. Please allow reasonable timing for approval of changes. **Engineering will not be reviewed or approved out in the field.**

Plans and Permit on Site
City approved permit and drawings shall be available to the City inspector at all times during a requested inspection. Plans shall be located in a dry environment. Please do not place plans in porta-cans.

Mechanical
Projects with roof top air handling units must call for City inspection of connections both from curb-to-roof as well as unit-to-curb.

Inspection Requests
Please request all inspections on www.MyBuildingPermit.com and click on "Inspections". Requests for inspections must be received by the Permit Center no later than 6:00 am.

- **Homeowners may request a two-hour window to schedule an inspection. Enter desired time frame in "Message to Inspector" box. Requested times are not guaranteed.**
- **We are unable to accommodate any calls requesting time of inspections. Check the "Today's Inspections" page for estimated arrival times.**
- Please request concrete inspections one day prior to pouring.
- All inspections shall be ready for inspection by 8 a.m. the morning of the inspection.
- Call for all applicable inspections listed on the back of the permit form.
- Please call (425) 837-3100 if you need to cancel a scheduled inspection. Cancellations may not be accepted if left on a recording. You may be assessed a re-inspection fee if inspection has not been canceled and inspector arrives at the site.

Roof and Exterior Wall
Request roof and exterior wall nailing inspection prior to covering. Failure to call for inspection prior to covering will result in areas of roof and/or wall covering being removed for inspection. For roof inspections **please provide a ladder and a safety line at time of inspection.**

These requirements are intended to address the most common issues on remodel/ti projects. For information on other issues, please contact a building inspector directly with questions regarding procedure.

DEPARTMENT OF ECOLOGY
State of Washington

UST ID #: _____

County: _____

SITE CHECK/SITE ASSESSMENT CHECKLIST
FOR UNDERGROUND STORAGE TANKS

This checklist certifies that site check or site assessment activities were performed in accordance with Chapter 173-360 WAC. Instructions are found on the last page.

I. UST FACILITY		II. OWNER/OPERATOR INFORMATION	
Facility Compliance Tag #:	N/A	Owner/Operator Name:	LMC Gilman Square LLC
UST ID #:	N/A	Business Name:	—
Site Name:	Gilman Square	Address:	1325 Fourth Ave, Suite 1700
Site Address:	615 NW Gilman Blvd	City:	Seattle State: WA Zip: 98101
City:	Issaquah	Phone:	Kurt Reiswig, 206-465-4565
Phone:	—	Email:	kurt.reiswig@lennar.com

III. CERTIFIED SITE ASSESSOR			
Service Provider Name:	Stuart Hyde	Company Name:	G-Logics
Cell Phone:	804 837-5205 Email: stuart@g-logics	Address:	40 2nd Ave SE
Certification #:	81783324 Exp. Date: 10/8/15	City:	Issaquah State: WA Zip: 98027

IV. TANK INFORMATION

TANK ID	TANK CAPACITY	LAST SUBSTANCE STORED	DATE SITE CHECK OR ASSESSMENT CONDUCTED
Tank 1	10,000 gal	Gas	5/6 - 5/8/15
Tank 2	4,000 gal	Gas	"
Tank 3	3,000 gal	Gas	"
Tank 4	3,000 gal	Gas	"
Tank 5	250 gal	Waste Oil	7/31/15

V. REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT (check one)

- [x] Release investigation following permanent UST system closure (i.e. tank removal or closure-in-place).
- [ ] Release investigation following a failed tank and/or line tightness test.
- [ ] Release investigation following discovery of contaminated soil and/or groundwater.
- [ ] Release investigation directed by Ecology to determine if the UST system is the source of offsite impacts.
- [ ] UST system is undergoing a "change-in-service", which is changing from storing a regulated substance (e.g. gasoline) to storing a non-regulated substance (e.g. water).
- [ ] Directed by Ecology for UST system permanently closed or abandoned before 12/22/1988.
- [ ] Other (describe):

VI. Checklist

The site assessor must check each of the following items and include it in the report. Sections referenced below can be found in the Ecology publication *Guidance for Site Checks and Site Assessments for Underground Storage Tanks.*	YES	NO
1. The location of the UST site is shown on a vicinity map.	☒	☐
2. A brief summary of information obtained during the site inspection is provided (Section 3.2)	☒	☐
3. A summary of UST system data is provided (Section 3.1) Unknown	☐	☒
4. The soils characteristics at the UST site are described. (Section 5.2)	☒	☐
5. Is there any apparent groundwater in the tank excavation? Tank 1-4 excavation only	☒	☐
6. A brief description of the surrounding land use is provided. (Section 3.1)	☒	☐
7. The name and address of the laboratory used to perform analyses is provided. The methods used to collect and analyze the samples, including the number and types of samples collected, are also documented in the report. The data from the laboratory is appended to the report.	☒	☐
8. The following items are provided in one or more sketches:		
• Location and ID number for all field samples collected	☒	☐
• If applicable, groundwater samples are distinguished from soil samples	☒	☐
• Location of samples collected from stockpiled excavated soil Stockpiled soils disposed offsite	☐	☒
• Tank and piping locations and limits of excavation pit	☒	☐
• Adjacent structures and streets	☒	☐
• Approximate locations of any on-site and nearby utilities	☒	☐
9. If sampling procedures are different from those specified in the guidance, has justification for using these alternative sampling procedures been provided? (Section 3.4)	☒	☐
10. A table is provided showing laboratory results for each sample collected including; sample ID number, constituents analyzed for and corresponding concentration, analytical method, and detection limit for that method. Any sample exceeding MTCA Method A cleanup standards are highlighted or bolded.	☒	☐
11. Any factors that may have compromised the quality of the data or validity of the results are described.	☒	☐
12. The results of this site check/site assessment indicate that a confirmed release of a regulated substance has occurred. The requirements for reporting confirmed releases can be found in WAC 173-360-372.	☒	☐

VII. Required Signatures

Signature acknowledges the Site Check or Site Assessment complies with UST regulations WAC 173-360-360 through -395.

Print or Type Name	Signature of Certified Site Assessor	Date
Stuart Hyde	Stuart Hyde	8/12/15

SITE CHECK/SITE ASSESSMENT CHECKLIST
FOR UNDERGROUND STORAGE TANKS

INSTRUCTIONS

This checklist must accompany the results of a Site Check Report, which is performed if a release of petroleum or other regulated substance is suspected. It is also required to accompany a Site Assessment Report, which is required following the permanent closure or "change-in-service" of an underground storage tank system. This form is required to be filled out whether or not contamination is found. This checklist is to be completed by the Site Assessor and submitted **within thirty days of completing** these activities to the following address:

Dept. of Ecology
UST Section
PO Box 47655
Olympia, WA 98504-7655

I./II. UST Facility and Owner/Operator Information: Fill out these sections completely. If you do not know your UST ID number, include the facility compliance tag number.

III. Service Provider Information: It is the responsibility of the ICC-certified Site Assessor to ensure that sampling and documentation procedures are completed in accordance with Ecology's *Guidance for Site Checks and Site Assessment for Underground Storage Tanks*.

IV. Tank Information: Use the same Tank identification numbers listed on the facility's Business License which is based on the most recent UST Addendum on file with Ecology. List the last substance stored in each tank, the tank sizes and the date the site check or site assessment was completed.

V. Required Signature: The Site Assessor signature certifies these procedures were followed.

All confirmed releases must be reported to Ecology by the owner within 24 hours and by service providers within 72 hours of discovery. A Site Characterization Report must be submitted to Ecology within 90 days after confirming a release.

Further questions? *Please contact your regional office below and ask for a tank inspector to assist you.*

Regional Office	Counties Served
Central (509) 575-2490	Benton, Chelan, Douglas, Kittitas, Klickitat, Okanogan, Yakima
Eastern (509) 329-3400	Adams, Asotin, Columbia, Ferry, Franklin, Garfield, Grant, Lincoln, Pend Oreille, Spokane, Stevens, Walla Walla, Whitman
HQ (360) 407-7170	Federal facilities in Western Washington
Northwest (425) 649-7000	Island, King, Kitsap, San Juan, Skagit, Snohomish, Whatcom
Southwest (360) 407-6300	Clallam, Clark, Cowlitz, Grays Harbor, Jefferson, Lewis, Mason, Pacific, Pierce, Skamania, Thurston, Wahkiakum

or find a complete list of UST inspectors at:
www.ecy.wa.gov/programs/tcp/ust-lust/people.html

To request materials in a format for the visually impaired call Ecology at 360-407-7170, Relay Service 711, or TTY 877-833-6341

REGIONAL DISPOSAL COMPANY INTERMODA
PO BOX 51057
LOS ANGELES, CA 90074-1057
(206) 332-7731

INVOICE

TO:

Santa Incorporated
22821 NE Redmond Fall City Road
Redmond, WA 98053

RECEIVED
MAY 20 2015
BY:

INVOICE NO. 0000048669
PAGE 1
DATE May-15-15
CUSTOMER NO. 16447
SITE NO. TB-12289
REFERENCE NO.

SERVICE DATE	CODE	DESCRIPTION		REFERENCE	QTY	AMOUNT
		Balance forward :				$62,792.86
		Payments :				$62,792.86
		Adjustments :				$0.00
		Invoices :				$0.00
		Vehicle: SOIL				
07 - May	VH	SW-CONT SOIL W/FUEL	$45.00	01-922990	13.59 TN	$611.55
		Vehicle: 114 SANTA				
07 - May	VH	SW-CONT SOIL W/FUEL	$45.00	01-922992	19.15 TN	$861.75
		Vehicle: 114 SANTA				
07 - May	VH	SW-CONT SOIL W/FUEL	$45.00	01-923006	17.44 TN	$784.80
		Vehicle: 136 SANTA				
07 - May	VH	SW-CONT SOIL W/FUEL	$45.00	01-923007	16.65 TN	$749.25
		Vehicle: 120 SANTA				
07 - May	VH	SW-CONT SOIL W/FUEL	$45.00	01-923009	16.72 TN	$752.40
		Vehicle: 114 SANTA				
07 - May	VH	SW-CONT SOIL W/FUEL	$45.00	01-923018	16.46 TN	$740.70
		Vehicle: 136 SANTA				
07 - May	VH	SW-CONT SOIL W/FUEL	$45.00	01-923019	14.42 TN	$648.90

Account Status

Payment due upon receipt of this invoice. 1.5% per month (18% per annum) late charge on balances over 30 days from date of invoice.
Payments received after invoice date are not reflected.
To ensure proper credit, please include your account number on your check and include the bottom portion of this invoice. When making payment on multiple accounts, please include the account numbers and the amounts of payment.

CURRENT	31 - 60 DAYS	61 - 90 DAYS	OVER 90 DAYS

TOTAL THIS INVOICE

PLEASE PAY THIS AMOUNT

We reserve the right to suspend service without notice on any past due account.

Please remit to:

INVOICE NO.
PAGE
DATE
CUSTOMER NO.
SITE NO.
REFERENCE NO.

AMOUNT OF REMITTANCE

PLEASE RETURN THIS PORTION WITH REMITTANCE

REMARKS

REGIONAL DISPOSAL COMPANY INTERMODA
PO BOX 51057
LOS ANGELES, CA 90074-1057
(206) 332-7731

INVOICE

TO:

Santa Incorporated
22821 NE Redmond Fall City Road
Redmond, WA 98053

INVOICE NO.	0000048669
PAGE	2
DATE	May-15-15
CUSTOMER NO.	16447
SITE NO.	TB-12289
REFERENCE NO.	

SERVICE DATE	CODE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
07 - May	VH	Vehicle: 138 SANTA SW-CONT SOIL W/FUEL	$45.00	01-923024	13.93 TN	$626.85
07 - May	VH	Vehicle: 114 SANTA SW-CONT SOIL W/FUEL	$45.00	01-923030	18.81 TN	$846.45
07 - May	VH	Vehicle: 136 SANTA SW-CONT SOIL W/FUEL	$45.00	01-923031	14.40 TN	$648.00
07 - May	VH	Vehicle: 138 SANTA SW-CONT SOIL W/FUEL	$45.00	01-923035	14.84 TN	$667.80
07 - May	VH	Vehicle: 114 SANTA SW-CONT SOIL W/FUEL	$45.00	01-923040	17.37 TN	$781.65
07 - May	VH	Vehicle: 136 SANTA SW-CONT SOIL W/FUEL	$45.00	01-923041	13.54 TN	$609.30
07 - May	VH	Vehicle: 138 SANTA SW-CONT SOIL W/FUEL	$45.00	01-923048	14.35 TN	$645.75
07 - May	VH	Vehicle: 114 SANTA SW-CONT SOIL W/FUEL	$45.00	01-923053	13.97 TN	$628.65
07 - May	VH	Vehicle: 136 SANTA SW-CONT SOIL W/FUEL	$45.00	01-923054	13.41 TN	$603.45

Account Status

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Redmond, WA 98053

INVOICE NO.	0000048669
PAGE	3
DATE	May-15-15
CUSTOMER NO.	16447
SITE NO.	TB-12289
REFERENCE NO.	

SERVICE DATE	CODE	DESCRIPTION		REFERENCE	QTY.	AMOUNT
		Vehicle: 138 SANTA				
07 - May	VH	SW-CONT SOIL W/FUEL	$45.00	01-923062	13.65 TN	$614.25
		Vehicle: 114 SANTA				
07 - May	VH	SW-CONT SOIL W/FUEL	$45.00	01-923065	14.84 TN	$667.80
		Vehicle: 136 SANTA				
07 - May	VH	SW-CONT SOIL W/FUEL	$45.00	01-923069	13.14 TN	$591.30
		Vehicle: 138 SANTA				
08 - May	VH	SW-CONT SOIL W/FUEL	$45.00	01-923081	15.03 TN	$676.35
		Vehicle: 114 SANTA				
08 - May	VH	SW-CONT SOIL W/FUEL	$45.00	01-923083	18.32 TN	$824.40
		Vehicle: 106 SANTA				
08 - May	VH	SW-CONT SOIL W/FUEL	$45.00	01-923085	14.74 TN	$663.30
		Vehicle: 140 SANTA				
08 - May	VH	SW-CONT SOIL W/FUEL	$45.00	01-923086	13.04 TN	$586.80
		Vehicle: 138 SANTA				
08 - May	VH	SW-CONT SOIL W/FUEL	$45.00	01-923093	15.95 TN	$717.75
		Vehicle: 114 SANTA				

Account Status

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SITE NO.
REFERENCE NO.

AMOUNT OF REMITTANCE

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REMARKS

REGIONAL DISPOSAL COMPANY INTERMODA
PO BOX 51057
LOS ANGELES, CA 90074-1057
(206) 332-7731

INVOICE

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22821 NE Redmond Fall City Road
Redmond, WA 98053

INVOICE NO. 0000048669
PAGE 4
DATE May-15-15
CUSTOMER NO. 16447
SITE NO. TB-12289
REFERENCE NO.

SERVICE DATE	CONT	DESCRIPTION		REFERENCE	QTY.	AMOUNT
08 - May	VH	SW-CONT SOIL W/FUEL	$45.00	01-923096	17.56 TN	$790.20
		Vehicle: 106 SANTA				
08 - May	VH	SW-CONT SOIL W/FUEL	$45.00	01-923100	19.84 TN	$892.80
		Vehicle: 140 SANTA				
08 - May	VH	SW-CONT SOIL W/FUEL	$45.00	01-923101	16.08 TN	$723.60
		Vehicle: 138 SANTA				
08 - May	VH	SW-CONT SOIL W/FUEL	$45.00	01-923109	14.45 TN	$650.25
		Vehicle: 114 SANTA				
08 - May	VH	SW-CONT SOIL W/FUEL	$45.00	01-923110	17.68 TN	$795.60
		Vehicle: 106 SANTA				
08 - May	VH	SW-CONT SOIL W/FUEL	$45.00	01-923112	16.73 TN	$752.85
		Vehicle: 140 SANTA				
08 - May	VH	SW-CONT SOIL W/FUEL	$45.00	01-923113	16.48 TN	$741.60
		Vehicle: 138 SANTA				
08 - May	VH	SW-CONT SOIL W/FUEL	$45.00	01-923117	15.32 TN	$689.40
		Vehicle: 140 SANTA				
08 - May	VH	SW-CONT SOIL W/FUEL	$45.00	01-923119	16.17 TN	$727.65

Account Status

Payment due upon receipt of this invoice. 1.5% per month (18% per annum) late charge on balances over 30 days from date of invoice.
Payments received after invoice date are not reflected.
To ensure proper credit, please include your account number on your check and include the bottom portion of this invoice. When making payment on multiple accounts, please include the account numbers and the amounts of payment.

CURRENT	31 - 60 DAYS	61 - 90 DAYS	OVER 90 DAYS

TOTAL THIS INVOICE

PLEASE PAY THIS AMOUNT

We reserve the right to suspend service without notice on any past due account.

Please remit to:

INVOICE NO.
PAGE
DATE
CUSTOMER NO.
SITE NO.
REFERENCE NO.

AMOUNT OF REMITTANCE

PLEASE RETURN THIS PORTION WITH REMITTANCE

REMARKS

REGIONAL DISPOSAL COMPANY INTERMODA
PO BOX 51057
LOS ANGELES, CA 90074-1057
(206) 332-7731

INVOICE

TO:

Santa Incorporated
22821 NE Redmond Fall City Road
Redmond, WA 98053

INVOICE NO.	0000048669
PAGE	5
DATE	May-15-15
CUSTOMER NO.	16447
SITE NO.	TB-12289
REFERENCE NO.	

SERVICE DATE	CODE	DESCRIPTION	REFERENCE	QTY.	AMOUNT
		Material Summary			
	VH	SW-CONT SOIL W/FUEL		518.07 TN	

Account Status

Payment due upon receipt of this invoice. 1.5% per month (18% per annum) late charge on balances over 30 days from date of invoice.
Payments received after invoice date are not reflected.
To ensure proper credit, please include your account number on your check and include the bottom portion of this invoice. When making payment on multiple accounts, please include the account numbers and the amounts of payment.

CURRENT	31 - 60 DAYS	61 - 90 DAYS	OVER 90 DAYS
$ 23,313.15	$ 0.00	$ 0.00	$ 0.00

TOTAL THIS INVOICE	$23,313.15
PLEASE PAY THIS AMOUNT	$23,313.15

We reserve the right to suspend service without notice on any past due account.

Please remit to:

INVOICE NO.	0000048669
PAGE	5
DATE	May-15-15
CUSTOMER NO.	16447
SITE NO.	
REFERENCE NO.	

REGIONAL DISPOSAL COMPANY INTERMODA
PO BOX 51057
LOS ANGELES, CA 90074-1057
(206) 332-7731

AMOUNT OF REMITTANCE

PLEASE RETURN THIS PORTION WITH REMITTANCE

REMARKS

***** Please reference your invoice number on each check stub *****

For Billing Inquiries: Call (206)332-7731 or email: chartje@republicservices.com

SANTA INC

Contractor's Lic. # SANTAI*933CA
22821 NE Redmond Fall City Rd.
Redmond, WA 98053
(425) 641-4242

Date: 8-10-15						No. 17314
Truck No. 136						Truck Charges
Truck Type	Solo	Truck/Trailer	Pup	Other		Driver Charge
Truck Rate						Sub Total
Truck Hours		1				Add Charges
Driver Hours		1				Total Charges

Customer: Santa — Billing Address:

Job Location: 7th & Gilman — Job Number: 1501

Start: 200 | Stop: 300 | Lunch: | Downtime: | Reason

Material	From	To	No Loads	Hours
Contaminated	7th & Gilman	Seattle Transfer Station		
		(Rabanco)	927150	

Fuel: | Oil: | Total Miles: | Total Miles Off-Highway

*Remarks:

Drivers Signature: Stan — Author. Co. Rep. Signature: Rod Handy

PLEASE NOTE: ADDITIONAL TERMS AND CONDITIONS:

THE TERMS AND CONDITIONS STATED ON THE REVERSE OF THIS INVOICE ARE A PART OF CARRIER'S AGREEMENT TO PROVIDE SERVICE. YOUR SIGNATURE ON THE FACE OF THIS INVOICE SIGNIFIES YOUR KNOWLEDGE, AND ACCEPTANCE, OF THE TERMS ON THE REVERSE.

SITE
REGIONAL DISPOSAL INTERMODAL
3rd and lander
Seattle, WA --

CUSTOMER
016447
Santa Incorporated
22821 NE Redmond Fall City Road
Redmond, WA 98053
TB-12289

SITE 01	TICKET # 927150	CELL	
WEIGHMASTER	IN - JAMIE B. OUT - Raylene W.		
DATE/TIME IN	08-10-2015 2:44 pm	DATE/TIME OUT	08-10-2015 2:52 pm
VEHICLE	136 SANTA	CONTAINER	
REFERENCE			INVOICE
BILL OF LADING			

SCALE IN	GROSS WEIGHT	118,640	NET TONS	37.89	
SCALE OUT	TARE WEIGHT	42,860	NET WEIGHT	75,780	INBOUND

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	TRACKING QTY				
37.89	TN	SW-CONT SOIL W/FUEL ISSAQUAH/KING				

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

APPENDIX I

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

G-Logics
Stuart Hyde
40 Second Ave. SE
Issaquah, WA 98027

RE: Gilman Square
Lab ID: 1504235

May 01, 2015

Attention Stuart Hyde:

Fremont Analytical, Inc. received 4 sample(s) on 4/27/2015 for the analyses presented in the following report.

Hydrocarbon Identification by NWTPH-HCID
Sample Moisture (Percent Moisture)
Total Metals by EPA Method 6020
Volatile Organic Compounds by EPA Method 8260

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,

Mike Ridgeway
President

Date: *05/01/2015*

CLIENT: G-Logics
Project: Gilman Square
Lab Order: 1504235

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1504235-001	TANK TP-1-5'	04/27/2015 10:30 AM	04/27/2015 1:00 PM
1504235-002	TANK TP-1-6'	04/27/2015 10:35 AM	04/27/2015 1:00 PM
1504235-003	TANK 4-0B-2'	04/27/2015 10:45 AM	04/27/2015 1:00 PM
1504235-004	TANK 1-WATER	04/27/2015 11:00 AM	04/27/2015 1:00 PM

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

Case Narrative

WO#: **1504235**
Date: **5/1/2015**

CLIENT: G-Logics
Project: Gilman Square

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").

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 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.

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 LOQ
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

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
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
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

WO#: **1504235**
Date Reported: **5/1/2015**

CLIENT: G-Logics
Project: Gilman Square

Lab ID: 1504235-001 **Collection Date:** 4/27/2015 10:30:00 AM
Client Sample ID: **TANK TP-1-5'** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Hydrocarbon Identification by NWTPH-HCID				Batch ID: 10635		Analyst: DB
Gasoline	ND	26.2		mg/Kg-dry	1	4/27/2015 7:44:00 PM
Mineral Spirits	ND	39.3		mg/Kg-dry	1	4/27/2015 7:44:00 PM
Kerosene	ND	65.5		mg/Kg-dry	1	4/27/2015 7:44:00 PM
Diesel (Fuel Oil)	ND	65.5		mg/Kg-dry	1	4/27/2015 7:44:00 PM
Heavy Oil	ND	131		mg/Kg-dry	1	4/27/2015 7:44:00 PM
Mineral Oil	ND	131		mg/Kg-dry	1	4/27/2015 7:44:00 PM
Surr: 2-Fluorobiphenyl	94.4	50-150		%REC	1	4/27/2015 7:44:00 PM
Surr: o-Terphenyl	95.3	50-150		%REC	1	4/27/2015 7:44:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R22018		Analyst: CG
Percent Moisture	30.2			wt%	1	4/27/2015 3:22:13 PM

Analytical Report

WO#: **1504235**
Date Reported: **5/1/2015**

CLIENT: G-Logics
Project: Gilman Square

Lab ID: 1504235-002 **Collection Date:** 4/27/2015 10:35:00 AM
Client Sample ID: **TANK TP-1-6'** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Hydrocarbon Identification by NWTPH-HCID				Batch ID: 10635		Analyst: DB
Gasoline	ND	21.1		mg/Kg-dry	1	4/27/2015 8:15:00 PM
Mineral Spirits	ND	31.7		mg/Kg-dry	1	4/27/2015 8:15:00 PM
Kerosene	ND	52.8		mg/Kg-dry	1	4/27/2015 8:15:00 PM
Diesel (Fuel Oil)	ND	52.8		mg/Kg-dry	1	4/27/2015 8:15:00 PM
Heavy Oil	ND	106		mg/Kg-dry	1	4/27/2015 8:15:00 PM
Mineral Oil	ND	106		mg/Kg-dry	1	4/27/2015 8:15:00 PM
Surr: 2-Fluorobiphenyl	103	50-150		%REC	1	4/27/2015 8:15:00 PM
Surr: o-Terphenyl	104	50-150		%REC	1	4/27/2015 8:15:00 PM
Volatile Organic Compounds by EPA Method 8260				Batch ID: 10668		Analyst: AK
Methyl tert-butyl ether (MTBE)	ND	0.0479		mg/Kg-dry	1	4/30/2015 3:48:00 PM
Surr: Dibromofluoromethane	102	63.7-129		%REC	1	4/30/2015 3:48:00 PM
Surr: Toluene-d8	99.2	64.3-131		%REC	1	4/30/2015 3:48:00 PM
Surr: 1-Bromo-4-fluorobenzene	108	63.1-141		%REC	1	4/30/2015 3:48:00 PM
Total Metals by EPA Method 6020				Batch ID: 10666		Analyst: TN
Lead	2.80	0.170		mg/Kg-dry	1	4/30/2015 4:47:13 PM
Sample Moisture (Percent Moisture)				Batch ID: R22018		Analyst: CG
Percent Moisture	13.4			wt%	1	4/27/2015 3:22:13 PM

Analytical Report

WO#: **1504235**
Date Reported: **5/1/2015**

CLIENT: G-Logics
Project: Gilman Square

Lab ID: 1504235-003 **Collection Date:** 4/27/2015 10:45:00 AM
Client Sample ID: **TANK 4-0B-2'** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Hydrocarbon Identification by NWTPH-HCID				Batch ID: 10635		Analyst: DB
Gasoline	ND	21.7		mg/Kg-dry	1	4/27/2015 8:47:00 PM
Mineral Spirits	ND	32.5		mg/Kg-dry	1	4/27/2015 8:47:00 PM
Kerosene	ND	54.2		mg/Kg-dry	1	4/27/2015 8:47:00 PM
Diesel (Fuel Oil)	ND	54.2		mg/Kg-dry	1	4/27/2015 8:47:00 PM
Heavy Oil	ND	108		mg/Kg-dry	1	4/27/2015 8:47:00 PM
Mineral Oil	ND	108		mg/Kg-dry	1	4/27/2015 8:47:00 PM
Surr: 2-Fluorobiphenyl	109	50-150		%REC	1	4/27/2015 8:47:00 PM
Surr: o-Terphenyl	109	50-150		%REC	1	4/27/2015 8:47:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R22018		Analyst: CG
Percent Moisture	10.5			wt%	1	4/27/2015 3:22:13 PM

Lab ID: 1504235-004 **Collection Date:** 4/27/2015 11:00:00 AM
Client Sample ID: **TANK 1-WATER** **Matrix:** Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Hydrocarbon Identification by NWTPH-HCID				Batch ID: 10628		Analyst: AK
Gasoline	ND	399		µg/L	1	4/28/2015 12:54:00 PM
Mineral Spirits	ND	499		µg/L	1	4/28/2015 12:54:00 PM
Kerosene	ND	499		µg/L	1	4/28/2015 12:54:00 PM
Diesel (Fuel Oil)	ND	499		µg/L	1	4/28/2015 12:54:00 PM
Diesel Range Organics (C12-C24)	ND	499		µg/L	1	4/28/2015 12:54:00 PM
Heavy Oil	ND	499		µg/L	1	4/28/2015 12:54:00 PM
Mineral Oil	ND	499		µg/L	1	4/28/2015 12:54:00 PM
Surr: 2-Fluorobiphenyl	68.6	50-150		%REC	1	4/28/2015 12:54:00 PM
Surr: o-Terphenyl	74.2	50-150		%REC	1	4/28/2015 12:54:00 PM

Work Order: 1504235
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Total Metals by EPA Method 6020

Sample ID **MB-10666**	SampType: **MBLK**			Units: **mg/Kg**		Prep Date: **4/30/2015**			RunNo: **22100**		
Client ID: **MBLKS**	Batch ID: **10666**					Analysis Date: **4/30/2015**			SeqNo: **419531**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.200									

Sample ID **LCS-10666**	SampType: **LCS**			Units: **mg/Kg**		Prep Date: **4/30/2015**			RunNo: **22100**		
Client ID: **LCSS**	Batch ID: **10666**					Analysis Date: **4/30/2015**			SeqNo: **419532**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	127	0.200	138.0	0	91.7	73.2	127.5				

Sample ID **1504256-001ADUP**	SampType: **DUP**			Units: **mg/Kg**		Prep Date: **4/30/2015**			RunNo: **22100**		
Client ID: **BATCH**	Batch ID: **10666**					Analysis Date: **4/30/2015**			SeqNo: **419534**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	7.15	0.148						8.264	14.4	20	

Sample ID **1504256-001AMS**	SampType: **MS**			Units: **mg/Kg**		Prep Date: **4/30/2015**			RunNo: **22100**		
Client ID: **BATCH**	Batch ID: **10666**					Analysis Date: **4/30/2015**			SeqNo: **419536**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	23.7	0.148	18.52	8.264	83.4	75	125				

Sample ID **1504256-001AMSD**	SampType: **MSD**			Units: **mg/Kg**		Prep Date: **4/30/2015**			RunNo: **22100**		
Client ID: **BATCH**	Batch ID: **10666**					Analysis Date: **4/30/2015**			SeqNo: **419537**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	25.1	0.148	18.52	8.264	90.8	75	125	23.72	5.58	20	

Date: *5/1/2015*

Work Order: 1504235
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Hydrocarbon Identification by NWTPH-HCID

Sample ID	**LCS-10635**	SampType: **LCS**		Units: **mg/Kg**		Prep Date: **4/27/2015**		RunNo: **22019**			
Client ID:	**LCSS**	Batch ID: **10635**				Analysis Date: **4/27/2015**		SeqNo: **418215**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	542	50.0	500.0	0	108	65	135				
Surr: 2-Fluorobiphenyl	21.5		20.00		108	50	150				
Surr: o-Terphenyl	26.7		20.00		133	50	150				

Sample ID	**MB-10635**	SampType: **MBLK**		Units: **mg/Kg**		Prep Date: **4/27/2015**		RunNo: **22019**			
Client ID:	**MBLKS**	Batch ID: **10635**				Analysis Date: **4/27/2015**		SeqNo: **418216**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	20.0									
Mineral Spirits	ND	30.0									
Kerosene	ND	50.0									
Diesel (Fuel Oil)	ND	50.0									
Heavy Oil	ND	100									
Mineral Oil	ND	100									
Surr: 2-Fluorobiphenyl	21.4		20.00		107	50	150				
Surr: o-Terphenyl	21.4		20.00		107	50	150				

Date: *5/1/2015*

Work Order: 1504235
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Hydrocarbon Identification by NWTPH-HCID

Sample ID **LCS-10628**	SampType: **LCS**			Units: **µg/L**		Prep Date: **4/27/2015**		RunNo: **22041**			
Client ID: **LCSW**	Batch ID: **10628**					Analysis Date: **4/28/2015**		SeqNo: **418481**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	838	501	1,001	0	83.7	65	135				
Surr: 2-Fluorobiphenyl	67.6		80.09		84.4	50	150				
Surr: o-Terphenyl	64.0		80.09		79.9	50	150				

Sample ID **MB-10628**	SampType: **MBLK**			Units: **µg/L**		Prep Date: **4/27/2015**		RunNo: **22041**			
Client ID: **MBLKW**	Batch ID: **10628**					Analysis Date: **4/28/2015**		SeqNo: **418482**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	398									
Mineral Spirits	ND	498									
Kerosene	ND	498									
Diesel (Fuel Oil)	ND	498									
Heavy Oil	ND	498									
Mineral Oil	ND	498									
Surr: 2-Fluorobiphenyl	48.9		79.63		61.4	50	150				
Surr: o-Terphenyl	51.1		79.63		64.2	50	150				

Fremont Analytical

Date: *5/1/2015*

Work Order: 1504235
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID **LCS-10668**	SampType: **LCS**			Units: **mg/Kg**		Prep Date: **4/30/2015**			RunNo: **22091**		
Client ID: **LCSS**	Batch ID: **10668**					Analysis Date: **4/30/2015**			SeqNo: **419279**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	1.05	0.0500	1.000	0	105	59.1	138				
Surr: Dibromofluoromethane	1.22		1.250		97.2	63.7	129				
Surr: Toluene-d8	1.26		1.250		101	64.3	131				
Surr: 1-Bromo-4-fluorobenzene	1.28		1.250		103	63.1	141				

Sample ID **LCSD-10668**	SampType: **LCSD**			Units: **mg/Kg**		Prep Date: **4/30/2015**			RunNo: **22091**		
Client ID: **LCSS02**	Batch ID: **10668**					Analysis Date: **4/30/2015**			SeqNo: **419280**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	1.10	0.0500	1.000	0	110	59.1	138	1.047	5.30	20	
Surr: Dibromofluoromethane	1.28		1.250		102	63.7	129		0	0	
Surr: Toluene-d8	1.31		1.250		105	64.3	131		0	0	
Surr: 1-Bromo-4-fluorobenzene	1.27		1.250		101	63.1	141		0	0	

Sample ID **MB-10668**	SampType: **MBLK**			Units: **mg/Kg**		Prep Date: **4/30/2015**			RunNo: **22091**		
Client ID: **MBLKS**	Batch ID: **10668**					Analysis Date: **4/30/2015**			SeqNo: **419281**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	0.0500									
Surr: Dibromofluoromethane	1.29		1.250		104	63.7	129				
Surr: Toluene-d8	1.23		1.250		98.7	64.3	131				
Surr: 1-Bromo-4-fluorobenzene	1.26		1.250		100	63.1	141				

Sample ID **1504235-002BMS**	SampType: **MS**			Units: **mg/Kg-dry**		Prep Date: **4/30/2015**			RunNo: **22091**		
Client ID: **TANK TP-1-6'**	Batch ID: **10668**					Analysis Date: **4/30/2015**			SeqNo: **419508**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	1.05	0.0479	0.9589	0	109	54.4	132				
Surr: Dibromofluoromethane	1.18		1.199		98.6	63.7	129				
Surr: Toluene-d8	1.16		1.199		96.5	64.3	131				

Fremont Analytical

Date: *5/1/2015*

Work Order: 1504235
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID **1504235-002BMS**	SampType: **MS**			Units: **mg/Kg-dry**	Prep Date: **4/30/2015**			RunNo: **22091**		
Client ID: **TANK TP-1-6'**	Batch ID: **10668**				Analysis Date: **4/30/2015**			SeqNo: **419508**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1-Bromo-4-fluorobenzene	1.22		1.199		102	63.1	141				

Sample ID **1504263-001BDUP**	SampType: **DUP**			Units: **mg/Kg-dry**	Prep Date: **4/30/2015**			RunNo: **22091**		
Client ID: **BATCH**	Batch ID: **10668**				Analysis Date: **4/30/2015**			SeqNo: **419815**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	0.0481						0		30	
Surr: Dibromofluoromethane	1.21		1.201		100	63.7	129		0		
Surr: Toluene-d8	1.22		1.201		101	64.3	131		0		
Surr: 1-Bromo-4-fluorobenzene	1.21		1.201		100	63.1	141		0		

Sample Log-In Check List

Client Name:	**GL**	Work Order Number:	**1504235**
Logged by:	**Clare Griggs**	Date Received:	**4/27/2015 1:00:00 PM**

Chain of Custody

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

Log In

3.	Coolers are present?	Yes ☑	No ☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes ☑	No ☐	
5.	Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Required ☑
6.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
7.	Were all coolers received at a temperature of >0°C to 10.0°C	Yes ☐	No ☑	NA ☐
	Samples received straight from field.			
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 the 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)

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

Person Notified:		Date	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

19. Additional remarks:

Item Information

Item #	Temp ºC	Condition
Cooler	11.3	
Sample	16.0	

Fremont Analytical

Chain of Custody Record

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

Laboratory Project No (Internal): 1504235

Date: 4/27/15

Page: 1 of: 1

Client: G-logics
Address: 40 2nd Ave SE
City, State, Zip: Issaquah Tel: 425-391-6874
Reports To (PM): SH Fax:

Project Name: Gilman Square
Location: Issaquah
Collected by: SH
Email: sheather@g-logics.com Project No: 01-0868-J

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

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOC (EPA 8260)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SEMI VOC (EPA 8270)	PAH (EPA 8270 - SIM)	PCBs (EPA 8082)	Metals** (6020 / 200.8)	Total (T) / Dissolved (D)	Anions (IC)***	EDB (8011)	Comments/Depth
1	TANK TP-1-5'	4/27	1030	S				X										4 oz jar, 2 VOAs
2	TANK TP-1-6'	↓	1035	S				X										↓
3	TANK 4-OB-2'		1045	S				X										
4	TANK 1-WATER		1100	W				X										1L Amber, 3 VOAs
5																		
6																		
7																		
8																		
9																		
10																		

**Metals Analysis (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

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)

Relinquished	Date/Time	Received	Date/Time
x SH	4/27/15 1300	x	4/27/15 1310
Relinquished	Date/Time	Received	Date/Time
x		x	

Special Remarks: Please run analysis if detected

TAT -> SameDay^ NextDay^ 2 Day 3 Day STD

*Please coordinate with the lab in advance

Distribution: White - Lab, Yellow - File, Pink - Originator

Fremont Analytical

Chain of Custody Record

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

Laboratory Project No (internal): 1F00A235

Date: 4/27/15

Page: 1 of: 1

Client: G-Logics
Address: 40 2nd Ave SE
City, State, Zip: Issaquah Tel: 425-391-6574
Reports To (PM): SH Fax:

Project Name: Gilman Square
Location: Issaquah
Collected by: SH
Email: shurtleg@logics Project No: 01-0868-J

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

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOC (EPA 8260)	GW/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SEMI VOC (EPA 8270 - SIM)	PAH (EPA 8270 - SIM)	PCBs (EPA 8082)	Metals** (6020 / 200.8)	Total (T) / Dissolved (D)	Anions (IC)***	EDB (8011)	MTBE	Comments/Depth
1	TANK TP-1-5'	4/27	1030	S				X											4 oz jar, 2 VOAs
2	TANK TP-1-6'	"	1035	S				X						(X)				(X)	↓ (X) Aldehydes S. Hyde ASAP CGJ 4/30
3	TANK 4-OB-2'	"	1045	S				X											
4	TANK 1-WATER	↓	1100	W				X											1L Amber, 3 VOAs
5																			
6																			
7																			
8																			
9																			
10																			

**Metals Analysis (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

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)

Special Remarks: Please run analysis if detected

Relinquished	Date/Time	Received	Date/Time
x SH	4/27/15 1300	x	4/27/15 1310
Relinquished	Date/Time	Received	Date/Time
x		x	

TAT -> SameDay* NextDay* 2 Day 3 Day STD

*Please coordinate with the lab in advance

Distribution: White - Lab, Yellow - File, Pink - Originator

www.fremontanalytical.com

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

G-Logics
Stuart Hyde
40 Second Ave. SE
Issaquah, WA 98027

RE: Gilman Square
Lab ID: 1505012

May 05, 2015

Attention Stuart Hyde:

Fremont Analytical, Inc. received 7 sample(s) on 5/1/2015 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 8260

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,

Mike Ridgeway
President

Date: *05/05/2015*

CLIENT: G-Logics
Project: Gilman Square
Lab Order: 1505012

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1505012-001	CDF-SP-1	05/01/2015 2:00 PM	05/01/2015 5:45 PM
1505012-002	CDF-SP-2	05/01/2015 2:35 PM	05/01/2015 5:45 PM
1505012-003	CDF-SP-3	05/01/2015 2:40 PM	05/01/2015 5:45 PM
1505012-004	CDF-SP-4	05/01/2015 2:45 PM	05/01/2015 5:45 PM
1505012-005	CDF-SP-5	05/01/2015 2:50 PM	05/01/2015 5:45 PM
1505012-006	WSW-1-10'	05/01/2015 3:05 PM	05/01/2015 5:45 PM
1505012-007	B-1-11'	05/01/2015 3:12 PM	05/01/2015 5:45 PM

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

Case Narrative

WO#: **1505012**
Date: **5/5/2015**

CLIENT: G-Logics
Project: Gilman Square

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.

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 LOQ
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

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
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
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

WO#: **1505012**
Date Reported: **5/5/2015**

Client: G-Logics
Collection Date: 5/1/2015 2:00:00 PM
Project: Gilman Square
Lab ID: 1505012-001
Matrix: Soil
Client Sample ID: **CDF-SP-1**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Gasoline by NWTPH-Gx				Batch ID: 10684		Analyst: BC
Gasoline	ND	5.30		mg/Kg-dry	1	5/4/2015 3:28:00 PM
Surr: 4-Bromofluorobenzene	116	65-135		%REC	1	5/4/2015 3:28:00 PM
Surr: Toluene-d8	110	65-135		%REC	1	5/4/2015 3:28:00 PM
Volatile Organic Compounds by EPA Method 8260				Batch ID: 10684		Analyst: BC
Benzene	ND	0.0212		mg/Kg-dry	1	5/4/2015 3:28:00 PM
Toluene	ND	0.0212		mg/Kg-dry	1	5/4/2015 3:28:00 PM
Ethylbenzene	ND	0.0318		mg/Kg-dry	1	5/4/2015 3:28:00 PM
m,p-Xylene	0.0458	0.0212		mg/Kg-dry	1	5/4/2015 3:28:00 PM
o-Xylene	0.0216	0.0212		mg/Kg-dry	1	5/4/2015 3:28:00 PM
Surr: Dibromofluoromethane	95.8	63.7-129		%REC	1	5/4/2015 3:28:00 PM
Surr: Toluene-d8	107	64.3-131		%REC	1	5/4/2015 3:28:00 PM
Surr: 1-Bromo-4-fluorobenzene	112	63.1-141		%REC	1	5/4/2015 3:28:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R22126		Analyst: CG
Percent Moisture	14.2			wt%	1	5/4/2015 9:41:12 AM

Analytical Report

WO#: **1505012**
Date Reported: **5/5/2015**

Client: G-Logics
Collection Date: 5/1/2015 2:35:00 PM
Project: Gilman Square
Lab ID: 1505012-002
Matrix: Soil
Client Sample ID: **CDF-SP-2**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Gasoline by NWTPH-Gx				Batch ID: 10684		Analyst: BC
Gasoline	18.9	6.27		mg/Kg-dry	1	5/4/2015 3:57:00 PM
Surr: 4-Bromofluorobenzene	115	65-135		%REC	1	5/4/2015 3:57:00 PM
Surr: Toluene-d8	110	65-135		%REC	1	5/4/2015 3:57:00 PM
Volatile Organic Compounds by EPA Method 8260				Batch ID: 10684		Analyst: BC
Benzene	0.0462	0.0251		mg/Kg-dry	1	5/4/2015 3:57:00 PM
Toluene	0.363	0.0251		mg/Kg-dry	1	5/4/2015 3:57:00 PM
Ethylbenzene	0.0811	0.0376		mg/Kg-dry	1	5/4/2015 3:57:00 PM
m,p-Xylene	0.780	0.0251		mg/Kg-dry	1	5/4/2015 3:57:00 PM
o-Xylene	0.311	0.0251		mg/Kg-dry	1	5/4/2015 3:57:00 PM
Surr: Dibromofluoromethane	96.1	63.7-129		%REC	1	5/4/2015 3:57:00 PM
Surr: Toluene-d8	107	64.3-131		%REC	1	5/4/2015 3:57:00 PM
Surr: 1-Bromo-4-fluorobenzene	111	63.1-141		%REC	1	5/4/2015 3:57:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R22126		Analyst: CG
Percent Moisture	13.8			wt%	1	5/4/2015 9:41:12 AM

Analytical Report

WO#: **1505012**
Date Reported: **5/5/2015**

Client: G-Logics
Project: Gilman Square
Lab ID: 1505012-003
Client Sample ID: **CDF-SP-3**

Collection Date: 5/1/2015 2:40:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Gasoline by NWTPH-Gx				Batch ID: 10684		Analyst: BC
Gasoline	ND	9.14		mg/Kg-dry	1	5/4/2015 4:27:00 PM
Surr: 4-Bromofluorobenzene	115	65-135		%REC	1	5/4/2015 4:27:00 PM
Surr: Toluene-d8	110	65-135		%REC	1	5/4/2015 4:27:00 PM
Volatile Organic Compounds by EPA Method 8260				Batch ID: 10684		Analyst: BC
Benzene	ND	0.0366		mg/Kg-dry	1	5/4/2015 4:27:00 PM
Toluene	0.0370	0.0366		mg/Kg-dry	1	5/4/2015 4:27:00 PM
Ethylbenzene	ND	0.0549		mg/Kg-dry	1	5/4/2015 4:27:00 PM
m,p-Xylene	0.0642	0.0366		mg/Kg-dry	1	5/4/2015 4:27:00 PM
o-Xylene	ND	0.0366		mg/Kg-dry	1	5/4/2015 4:27:00 PM
Surr: Dibromofluoromethane	93.8	63.7-129		%REC	1	5/4/2015 4:27:00 PM
Surr: Toluene-d8	106	64.3-131		%REC	1	5/4/2015 4:27:00 PM
Surr: 1-Bromo-4-fluorobenzene	110	63.1-141		%REC	1	5/4/2015 4:27:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R22126		Analyst: CG
Percent Moisture	14.5			wt%	1	5/4/2015 9:41:12 AM

Analytical Report

WO#: **1505012**
Date Reported: **5/5/2015**

Client: G-Logics
Collection Date: 5/1/2015 2:45:00 PM
Project: Gilman Square
Lab ID: 1505012-004
Matrix: Soil
Client Sample ID: **CDF-SP-4**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 10682		Analyst: EM
Diesel (Fuel Oil)	ND	19.9		mg/Kg-dry	1	5/4/2015 1:13:00 PM
Heavy Oil	ND	49.7		mg/Kg-dry	1	5/4/2015 1:13:00 PM
Surr: 2-Fluorobiphenyl	111	50-150		%REC	1	5/4/2015 1:13:00 PM
Surr: o-Terphenyl	108	50-150		%REC	1	5/4/2015 1:13:00 PM
Gasoline by NWTPH-Gx				Batch ID: 10684		Analyst: BC
Gasoline	36.3	4.54		mg/Kg-dry	1	5/4/2015 4:56:00 PM
Surr: 4-Bromofluorobenzene	116	65-135		%REC	1	5/4/2015 4:56:00 PM
Surr: Toluene-d8	110	65-135		%REC	1	5/4/2015 4:56:00 PM
Volatile Organic Compounds by EPA Method 8260				Batch ID: 10684		Analyst: BC
Benzene	ND	0.0182		mg/Kg-dry	1	5/4/2015 4:56:00 PM
Toluene	0.597	0.0182		mg/Kg-dry	1	5/4/2015 4:56:00 PM
Ethylbenzene	0.471	0.0272		mg/Kg-dry	1	5/4/2015 4:56:00 PM
m,p-Xylene	2.41	0.0182		mg/Kg-dry	1	5/4/2015 4:56:00 PM
o-Xylene	1.02	0.0182		mg/Kg-dry	1	5/4/2015 4:56:00 PM
Surr: Dibromofluoromethane	94.1	63.7-129		%REC	1	5/4/2015 4:56:00 PM
Surr: Toluene-d8	107	64.3-131		%REC	1	5/4/2015 4:56:00 PM
Surr: 1-Bromo-4-fluorobenzene	112	63.1-141		%REC	1	5/4/2015 4:56:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R22126		Analyst: CG
Percent Moisture	12.3			wt%	1	5/4/2015 9:41:12 AM

Analytical Report

WO#: **1505012**
Date Reported: **5/5/2015**

Client: G-Logics
Collection Date: 5/1/2015 2:50:00 PM
Project: Gilman Square
Lab ID: 1505012-005
Matrix: Soil
Client Sample ID: **CDF-SP-5**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 10682		Analyst: EM
Diesel (Fuel Oil)	ND	22.0		mg/Kg-dry	1	5/4/2015 1:44:00 PM
Heavy Oil	ND	54.9		mg/Kg-dry	1	5/4/2015 1:44:00 PM
Surr: 2-Fluorobiphenyl	110	50-150		%REC	1	5/4/2015 1:44:00 PM
Surr: o-Terphenyl	108	50-150		%REC	1	5/4/2015 1:44:00 PM
Gasoline by NWTPH-Gx				Batch ID: 10684		Analyst: BC
Gasoline	371	5.68	E	mg/Kg-dry	1	5/4/2015 5:26:00 PM
Surr: 4-Bromofluorobenzene	121	65-135		%REC	1	5/4/2015 5:26:00 PM
Surr: Toluene-d8	116	65-135		%REC	1	5/4/2015 5:26:00 PM
Volatile Organic Compounds by EPA Method 8260				Batch ID: 10684		Analyst: BC
Benzene	0.0278	0.0227		mg/Kg-dry	1	5/4/2015 5:26:00 PM
Toluene	0.0524	0.0227		mg/Kg-dry	1	5/4/2015 5:26:00 PM
Ethylbenzene	ND	0.0341		mg/Kg-dry	1	5/4/2015 5:26:00 PM
m,p-Xylene	0.507	0.0227		mg/Kg-dry	1	5/4/2015 5:26:00 PM
o-Xylene	0.194	0.0227		mg/Kg-dry	1	5/4/2015 5:26:00 PM
Surr: Dibromofluoromethane	95.5	63.7-129		%REC	1	5/4/2015 5:26:00 PM
Surr: Toluene-d8	117	64.3-131		%REC	1	5/4/2015 5:26:00 PM
Surr: 1-Bromo-4-fluorobenzene	115	63.1-141		%REC	1	5/4/2015 5:26:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R22126		Analyst: CG
Percent Moisture	16.6			wt%	1	5/4/2015 9:41:12 AM

Analytical Report

WO#: **1505012**
Date Reported: **5/5/2015**

Client: G-Logics
Collection Date: 5/1/2015 3:05:00 PM
Project: Gilman Square
Lab ID: 1505012-006
Matrix: Soil
Client Sample ID: **WSW-1-10'**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Gasoline by NWTPH-Gx				Batch ID: 10684		Analyst: BC
Gasoline	ND	4.98		mg/Kg-dry	1	5/4/2015 5:55:00 PM
Surr: 4-Bromofluorobenzene	116	65-135		%REC	1	5/4/2015 5:55:00 PM
Surr: Toluene-d8	109	65-135		%REC	1	5/4/2015 5:55:00 PM
Volatile Organic Compounds by EPA Method 8260				Batch ID: 10684		Analyst: BC
Benzene	ND	0.0199		mg/Kg-dry	1	5/4/2015 5:55:00 PM
Toluene	ND	0.0199		mg/Kg-dry	1	5/4/2015 5:55:00 PM
Ethylbenzene	ND	0.0299		mg/Kg-dry	1	5/4/2015 5:55:00 PM
m,p-Xylene	ND	0.0199		mg/Kg-dry	1	5/4/2015 5:55:00 PM
o-Xylene	ND	0.0199		mg/Kg-dry	1	5/4/2015 5:55:00 PM
Surr: Dibromofluoromethane	96.4	63.7-129		%REC	1	5/4/2015 5:55:00 PM
Surr: Toluene-d8	109	64.3-131		%REC	1	5/4/2015 5:55:00 PM
Surr: 1-Bromo-4-fluorobenzene	112	63.1-141		%REC	1	5/4/2015 5:55:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R22126		Analyst: CG
Percent Moisture	11.8			wt%	1	5/4/2015 9:41:12 AM

Analytical Report

WO#: **1505012**
Date Reported: **5/5/2015**

Client: G-Logics
Collection Date: 5/1/2015 3:12:00 PM
Project: Gilman Square
Lab ID: 1505012-007
Matrix: Soil
Client Sample ID: **B-1-11'**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Gasoline by NWTPH-Gx				Batch ID: 10684		Analyst: BC
Gasoline	20.5	4.27		mg/Kg-dry	1	5/4/2015 6:24:00 PM
Surr: 4-Bromofluorobenzene	116	65-135		%REC	1	5/4/2015 6:24:00 PM
Surr: Toluene-d8	107	65-135		%REC	1	5/4/2015 6:24:00 PM
Volatile Organic Compounds by EPA Method 8260				Batch ID: 10684		Analyst: BC
Benzene	ND	0.0171		mg/Kg-dry	1	5/4/2015 6:24:00 PM
Toluene	ND	0.0171		mg/Kg-dry	1	5/4/2015 6:24:00 PM
Ethylbenzene	ND	0.0256		mg/Kg-dry	1	5/4/2015 6:24:00 PM
m,p-Xylene	0.0514	0.0171		mg/Kg-dry	1	5/4/2015 6:24:00 PM
o-Xylene	ND	0.0171		mg/Kg-dry	1	5/4/2015 6:24:00 PM
Surr: Dibromofluoromethane	94.9	63.7-129		%REC	1	5/4/2015 6:24:00 PM
Surr: Toluene-d8	108	64.3-131		%REC	1	5/4/2015 6:24:00 PM
Surr: 1-Bromo-4-fluorobenzene	112	63.1-141		%REC	1	5/4/2015 6:24:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R22126		Analyst: CG
Percent Moisture	17.3			wt%	1	5/4/2015 9:41:12 AM

Fremont Analytical

Date: *5/5/2015*

Work Order: 1505012
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

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

Sample ID **LCS-10682**	SampType: **LCS**			Units: **mg/Kg**		Prep Date: **5/4/2015**		RunNo: **22155**			
Client ID: **LCSS**	Batch ID: **10682**					Analysis Date: **5/4/2015**		SeqNo: **420614**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	473	20.0	500.0	0	94.5	65	135				
Surr: 2-Fluorobiphenyl	21.3		20.00		106	50	150				
Surr: o-Terphenyl	19.7		20.00		98.3	50	150				

Sample ID **LCSD-10682**	SampType: **LCSD**			Units: **mg/Kg**		Prep Date: **5/4/2015**		RunNo: **22155**			
Client ID: **LCSS02**	Batch ID: **10682**					Analysis Date: **5/4/2015**		SeqNo: **420615**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	471	20.0	500.0	0	94.3	65	135	472.5	0.254	30	
Surr: 2-Fluorobiphenyl	20.8		20.00		104	50	150		0		
Surr: o-Terphenyl	19.8		20.00		98.9	50	150		0		

Sample ID **MB-10682**	SampType: **MBLK**			Units: **mg/Kg**		Prep Date: **5/4/2015**		RunNo: **22155**			
Client ID: **MBLKS**	Batch ID: **10682**					Analysis Date: **5/4/2015**		SeqNo: **420616**			
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	20.5		20.00		103	50	150				
Surr: o-Terphenyl	19.9		20.00		99.6	50	150				

Work Order: 1505012
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID **LCS-10684**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **5/4/2015**	RunNo: **22153**
Client ID: **LCSS**	Batch ID: **10684**		Analysis Date: **5/4/2015**	SeqNo: **420577**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	24.9	5.00	25.00	0	99.5	65	135				
Surr: Toluene-d8	1.39		1.250		111	65	135				
Surr: 4-Bromofluorobenzene	1.46		1.250		117	65	135				

Sample ID **MB-10684**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **5/4/2015**	RunNo: **22153**
Client ID: **MBLKS**	Batch ID: **10684**		Analysis Date: **5/4/2015**	SeqNo: **420578**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.38		1.250		110	65	135				
Surr: 4-Bromofluorobenzene	1.41		1.250		113	65	135				

Sample ID **1505012-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **5/4/2015**	RunNo: **22153**
Client ID: **CDF-SP-1**	Batch ID: **10684**		Analysis Date: **5/4/2015**	SeqNo: **420718**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.30						0		30	
Surr: Toluene-d8	1.48		1.326		112	65	135		0		
Surr: 4-Bromofluorobenzene	1.53		1.326		116	65	135		0		

Fremont Analytical

Date: *5/5/2015*

Work Order: 1505012
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID **LCS-10684**	SampType: **LCS**			Units: **mg/Kg**		Prep Date: **5/4/2015**		RunNo: **22152**			
Client ID: **LCSS**	Batch ID: **10684**					Analysis Date: **5/4/2015**		SeqNo: **420568**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.863	0.0200	1.000	0	86.3	64.3	133				
Toluene	0.881	0.0200	1.000	0	88.1	67.3	138				
Ethylbenzene	0.906	0.0300	1.000	0	90.6	74	129				
m,p-Xylene	1.80	0.0200	2.000	0	89.9	79.8	128				
o-Xylene	0.915	0.0200	1.000	0	91.5	72.7	124				
Surr: Dibromofluoromethane	1.32		1.250		105	63.7	129				
Surr: Toluene-d8	1.30		1.250		104	64.3	131				
Surr: 1-Bromo-4-fluorobenzene	1.40		1.250		112	63.1	141				

Sample ID **MB-10684**	SampType: **MBLK**			Units: **mg/Kg**		Prep Date: **5/4/2015**		RunNo: **22152**			
Client ID: **MBLKS**	Batch ID: **10684**					Analysis Date: **5/4/2015**		SeqNo: **420569**			
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	0.0300									
m,p-Xylene	ND	0.0200									
o-Xylene	ND	0.0200									
Surr: Dibromofluoromethane	1.17		1.250		94.0	63.7	129				
Surr: Toluene-d8	1.30		1.250		104	64.3	131				
Surr: 1-Bromo-4-fluorobenzene	1.36		1.250		109	63.1	141				

Sample ID **1505012-001BDUP**	SampType: **DUP**			Units: **mg/Kg-dry**		Prep Date: **5/4/2015**		RunNo: **22152**			
Client ID: **CDF-SP-1**	Batch ID: **10684**					Analysis Date: **5/4/2015**		SeqNo: **420704**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0212						0		30	
Toluene	ND	0.0212						0		30	
Ethylbenzene	ND	0.0318						0		30	
m,p-Xylene	0.0479	0.0212						0.04584	4.40	30	

Fremont Analytical

Date: *5/5/2015*

Work Order: 1505012
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID **1505012-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **5/4/2015** RunNo: **22152**
Client ID: **CDF-SP-1** Batch ID: **10684** Analysis Date: **5/4/2015** SeqNo: **420704**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Xylene	0.0230	0.0212						0.02157	6.45	30	
Surr: Dibromofluoromethane	1.26		1.326		94.7	63.7	129		0		
Surr: Toluene-d8	1.46		1.326		110	64.3	131		0		
Surr: 1-Bromo-4-fluorobenzene	1.48		1.326		112	63.1	141		0		

Sample ID **1505012-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **5/4/2015** RunNo: **22152**
Client ID: **CDF-SP-2** Batch ID: **10684** Analysis Date: **5/4/2015** SeqNo: **420705**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	1.27	0.0251	1.253	0.04618	97.3	63.5	133				
Toluene	1.59	0.0251	1.253	0.3631	98.1	63.4	132				
Ethylbenzene	1.31	0.0376	1.253	0.08106	98.3	54.5	134				
m,p-Xylene	3.16	0.0251	2.507	0.7802	95.0	53.1	132				
o-Xylene	1.52	0.0251	1.253	0.3108	96.5	53.3	139				
Surr: Dibromofluoromethane	1.70		1.567		108	63.7	129				
Surr: Toluene-d8	1.70		1.567		108	64.3	131				
Surr: 1-Bromo-4-fluorobenzene	1.76		1.567		112	63.1	141				

Sample Log-In Check List

Client Name:	**GL**	Work Order Number:	**1505012**
Logged by:	**Clare Griggs**	Date Received:	**5/1/2015 5:45:00 PM**

Chain of Custody

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

Log In

3.	Coolers are present?	Yes ☑	No ☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes ☑	No ☐	
5.	Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Required ☑
6.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
7.	Were all coolers received at a temperature of >0°C to 10.0°C	Yes ☐	No ☑	NA ☐
	Samples received straight from field.			
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 the 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)

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

Person Notified: _____ Date _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC	Condition
Cooler	19.2	
Sample	14.4	

Fremont Analytical

Chain of Custody Record

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

Laboratory Project No (internal): 1505012

Date: 5/1/15

Page: 1 of:

Client: G-Logics
Address: 40 2nd Ave SE
City, State, Zip: Issaquah
Tel: 425-391-6874
Reports To (PM): SH
Fax:

Project Name: Gilman Square
Location: Issaquah
Collected by: Rick Wall / Stuart Hyde
Email: stuarth@g-logics.com
Project No: 01-0868-J

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

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOC (EPA 8260)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SEMI VOC (EPA 8270)	PAH (EPA 8270 - SIM)	PCB's (EPA 8082)	Metals** (6020 / 200.8)	Total (T) / Dissolved (D)	Anions (IC)***	EDB (8011)	Comments/Depth
1	CDF-SP-1	5/1	1400	S		X												4 oz jar 2 VOAs
2	CDF-SP-2		1435			X												
3	CDF-SP-3		1440			X												
4	CDF-SP-4		1445			X			X									
5	CDF-SP-5		1450			X			X									
6	WSW-1-10'		1505			X												
7	B-1-11'		1512			X												
8																		
9																		
10																		

**Metals Analysis (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

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)

Relinquished	Date/Time	Received	Date/Time
1	5/1/15 5:45p	1	5/1/15 5:45
2		2	

Special Remarks: Rush Rush

TAT -> SameDay^ NextDay^ 1 Day 3 Day STD

^Please coordinate with the lab in advance

Distribution: White - Lab, Yellow - File, Pink - Originator

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

G-Logics
Stuart Hyde
40 Second Ave. SE
Issaquah, WA 98027

RE: Gilman Square
Lab ID: 1505063

May 12, 2015

Attention Stuart Hyde:

Fremont Analytical, Inc. received 3 sample(s) on 5/8/2015 for the analyses presented in the following report.

Gasoline by NWTPH-Gx
Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260

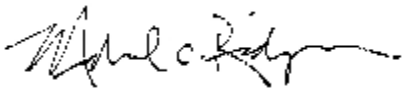
This report consists of the following:

- 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,



Mike Ridgeway
President

Date: *05/12/2015*

CLIENT: G-Logics
Project: Gilman Square
Lab Order: 1505063

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1505063-001	NSW-4-9'	05/08/2015 8:55 AM	05/08/2015 10:09 AM
1505063-002	ESW-3-9'	05/08/2015 9:15 AM	05/08/2015 10:09 AM
1505063-003	Dup-X	05/08/2015 9:00 AM	05/08/2015 10:09 AM

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

Case Narrative

WO#: **1505063**
Date: **5/12/2015**

CLIENT: G-Logics
Project: Gilman Square

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.

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 LOQ
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

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
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
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

WO#: **1505063**
Date Reported: **5/12/2015**

Client: G-Logics
Collection Date: 5/8/2015 8:55:00 AM
Project: Gilman Square
Lab ID: 1505063-001
Matrix: Soil
Client Sample ID: **NSW-4-9'**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Gasoline by NWTPH-Gx				Batch ID: 10733		Analyst: EM
Gasoline	ND	7.13		mg/Kg-dry	1	5/8/2015 1:51:00 PM
Surr: 4-Bromofluorobenzene	98.3	65-135		%REC	1	5/8/2015 1:51:00 PM
Surr: Toluene-d8	94.7	65-135		%REC	1	5/8/2015 1:51:00 PM
Volatile Organic Compounds by EPA Method 8260				Batch ID: 10733		Analyst: EM
Benzene	ND	0.0285		mg/Kg-dry	1	5/8/2015 1:51:00 PM
Toluene	ND	0.0285		mg/Kg-dry	1	5/8/2015 1:51:00 PM
Ethylbenzene	ND	0.0428		mg/Kg-dry	1	5/8/2015 1:51:00 PM
m,p-Xylene	ND	0.0285		mg/Kg-dry	1	5/8/2015 1:51:00 PM
o-Xylene	ND	0.0285		mg/Kg-dry	1	5/8/2015 1:51:00 PM
Surr: Dibromofluoromethane	99.5	63.7-129		%REC	1	5/8/2015 1:51:00 PM
Surr: Toluene-d8	103	64.3-131		%REC	1	5/8/2015 1:51:00 PM
Surr: 1-Bromo-4-fluorobenzene	105	63.1-141		%REC	1	5/8/2015 1:51:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R22247		Analyst: CG
Percent Moisture	21.0			wt%	1	5/8/2015 1:46:54 PM

Analytical Report

WO#: **1505063**
Date Reported: **5/12/2015**

Client: G-Logics
Project: Gilman Square
Lab ID: 1505063-002
Client Sample ID: **ESW-3-9'**

Collection Date: 5/8/2015 9:15:00 AM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Gasoline by NWTPH-Gx				Batch ID: 10733		Analyst: EM
Gasoline	ND	5.75		mg/Kg-dry	1	5/8/2015 2:20:00 PM
Surr: 4-Bromofluorobenzene	97.4	65-135		%REC	1	5/8/2015 2:20:00 PM
Surr: Toluene-d8	93.0	65-135		%REC	1	5/8/2015 2:20:00 PM
Volatile Organic Compounds by EPA Method 8260				Batch ID: 10733		Analyst: EM
Benzene	ND	0.0230		mg/Kg-dry	1	5/8/2015 2:20:00 PM
Toluene	ND	0.0230		mg/Kg-dry	1	5/8/2015 2:20:00 PM
Ethylbenzene	ND	0.0345		mg/Kg-dry	1	5/8/2015 2:20:00 PM
m,p-Xylene	ND	0.0230		mg/Kg-dry	1	5/8/2015 2:20:00 PM
o-Xylene	ND	0.0230		mg/Kg-dry	1	5/8/2015 2:20:00 PM
Surr: Dibromofluoromethane	96.6	63.7-129		%REC	1	5/8/2015 2:20:00 PM
Surr: Toluene-d8	99.0	64.3-131		%REC	1	5/8/2015 2:20:00 PM
Surr: 1-Bromo-4-fluorobenzene	105	63.1-141		%REC	1	5/8/2015 2:20:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R22247		Analyst: CG
Percent Moisture	18.4			wt%	1	5/8/2015 1:46:54 PM

Analytical Report

WO#: **1505063**
Date Reported: **5/12/2015**

Client: G-Logics
Collection Date: 5/8/2015 9:00:00 AM
Project: Gilman Square
Lab ID: 1505063-003
Matrix: Soil
Client Sample ID: **Dup-X**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Gasoline by NWTPH-Gx				Batch ID: 10733		Analyst: EM
Gasoline	ND	7.11		mg/Kg-dry	1	5/8/2015 4:40:00 PM
Surr: 4-Bromofluorobenzene	97.6	65-135		%REC	1	5/8/2015 4:40:00 PM
Surr: Toluene-d8	93.0	65-135		%REC	1	5/8/2015 4:40:00 PM
Volatile Organic Compounds by EPA Method 8260				Batch ID: 10733		Analyst: EM
Benzene	ND	0.0284		mg/Kg-dry	1	5/8/2015 4:40:00 PM
Toluene	ND	0.0284		mg/Kg-dry	1	5/8/2015 4:40:00 PM
Ethylbenzene	ND	0.0426		mg/Kg-dry	1	5/8/2015 4:40:00 PM
m,p-Xylene	ND	0.0284		mg/Kg-dry	1	5/8/2015 4:40:00 PM
o-Xylene	ND	0.0284		mg/Kg-dry	1	5/8/2015 4:40:00 PM
Surr: Dibromofluoromethane	94.8	63.7-129		%REC	1	5/8/2015 4:40:00 PM
Surr: Toluene-d8	94.5	64.3-131		%REC	1	5/8/2015 4:40:00 PM
Surr: 1-Bromo-4-fluorobenzene	105	63.1-141		%REC	1	5/8/2015 4:40:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R22247		Analyst: CG
Percent Moisture	20.2			wt%	1	5/8/2015 1:46:54 PM

Fremont Analytical

Date: *5/12/2015*

Work Order: 1505063
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID	1505063-001BDUP	SampType:	DUP	Units:	mg/Kg-dry	Prep Date:	5/8/2015	RunNo:	22256
Client ID:	NSW-4-9'	Batch ID:	10733			Analysis Date:	5/8/2015	SeqNo:	422318

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	7.13						0		30	
Surr: Toluene-d8	1.67		1.782		93.6	65	135		0		
Surr: 4-Bromofluorobenzene	1.70		1.782		95.3	65	135		0		

Sample ID	LCS-10733	SampType:	LCS	Units:	mg/Kg	Prep Date:	5/8/2015	RunNo:	22256
Client ID:	LCSS	Batch ID:	10733			Analysis Date:	5/8/2015	SeqNo:	422321

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	26.2	5.00	25.00	0	105	65	135				
Surr: Toluene-d8	1.16		1.250		92.9	65	135				
Surr: 4-Bromofluorobenzene	1.19		1.250		95.4	65	135				

Sample ID	MB-10733	SampType:	MBLK	Units:	mg/Kg	Prep Date:	5/8/2015	RunNo:	22256
Client ID:	MBLKS	Batch ID:	10733			Analysis Date:	5/8/2015	SeqNo:	422322

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.14		1.250		91.0	65	135				
Surr: 4-Bromofluorobenzene	1.17		1.250		93.4	65	135				

Work Order: 1505063
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID **1505063-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **5/8/2015** RunNo: **22254**
Client ID: **NSW-4-9'** Batch ID: **10733** Analysis Date: **5/8/2015** SeqNo: **422311**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0285						0		30	
Toluene	ND	0.0285						0		30	
Ethylbenzene	ND	0.0428						0		30	
m,p-Xylene	ND	0.0285						0		30	
o-Xylene	ND	0.0285						0		30	
Surr: Dibromofluoromethane	1.63		1.782		91.3	63.7	129		0		
Surr: Toluene-d8	1.72		1.782		96.4	64.3	131		0		
Surr: 1-Bromo-4-fluorobenzene	1.83		1.782		103	63.1	141		0		

Sample ID **1505063-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **5/8/2015** RunNo: **22254**
Client ID: **ESW-3-9'** Batch ID: **10733** Analysis Date: **5/8/2015** SeqNo: **422313**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	1.18	0.0230	1.150	0	103	63.5	133				
Toluene	1.18	0.0230	1.150	0	102	63.4	132				
Ethylbenzene	1.26	0.0345	1.150	0	109	54.5	134				
m,p-Xylene	2.56	0.0230	2.300	0	111	53.1	132				
o-Xylene	1.22	0.0230	1.150	0	106	53.3	139				
Surr: Dibromofluoromethane	1.33		1.438		92.4	63.7	129				
Surr: Toluene-d8	1.39		1.438		96.9	64.3	131				
Surr: 1-Bromo-4-fluorobenzene	1.44		1.438		99.8	63.1	141				

Sample ID **LCS-10733** SampType: **LCS** Units: **mg/Kg** Prep Date: **5/8/2015** RunNo: **22254**
Client ID: **LCSS** Batch ID: **10733** Analysis Date: **5/8/2015** SeqNo: **422315**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.996	0.0200	1.000	0	99.6	64.3	133				
Toluene	0.996	0.0200	1.000	0	99.6	67.3	138				
Ethylbenzene	1.08	0.0300	1.000	0	108	74	129				
m,p-Xylene	2.25	0.0200	2.000	0	113	79.8	128				

Work Order: 1505063
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID **LCS-10733** SampType: **LCS** Units: **mg/Kg** Prep Date: **5/8/2015** RunNo: **22254**
Client ID: **LCSS** Batch ID: **10733** Analysis Date: **5/8/2015** SeqNo: **422315**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Xylene	1.10	0.0200	1.000	0	110	72.7	124				
Surr: Dibromofluoromethane	1.17		1.250		93.3	63.7	129				
Surr: Toluene-d8	1.23		1.250		98.1	64.3	131				
Surr: 1-Bromo-4-fluorobenzene	1.32		1.250		105	63.1	141				

Sample ID **MB-10733** SampType: **MBLK** Units: **mg/Kg** Prep Date: **5/8/2015** RunNo: **22254**
Client ID: **MBLKS** Batch ID: **10733** Analysis Date: **5/8/2015** SeqNo: **422316**

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	0.0300									
m,p-Xylene	ND	0.0200									
o-Xylene	ND	0.0200									
Surr: Dibromofluoromethane	1.23		1.250		98.0	63.7	129				
Surr: Toluene-d8	1.22		1.250		97.4	64.3	131				
Surr: 1-Bromo-4-fluorobenzene	1.26		1.250		101	63.1	141				

Sample ID **1505059-001BDUP** SampType: **DUP** Units: **mg/Kg** Prep Date: **5/8/2015** RunNo: **22254**
Client ID: **BATCH** Batch ID: **10733** Analysis Date: **5/8/2015** SeqNo: **422491**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0475						0		30	
Toluene	ND	0.0475						0		30	
Ethylbenzene	ND	0.0713						0		30	
m,p-Xylene	ND	0.0475						0		30	
o-Xylene	ND	0.0475						0		30	
Surr: Dibromofluoromethane	2.81		2.971		94.7	63.7	129		0		
Surr: Toluene-d8	2.95		2.971		99.3	64.3	131		0		
Surr: 1-Bromo-4-fluorobenzene	10.3		14.85		69.1	63.1	141		0		

Date: *5/12/2015*

Work Order: 1505063
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID **1505059-001BDUP** SampType: **DUP** Units: **mg/Kg** Prep Date: **5/8/2015** RunNo: **22254**
Client ID: **BATCH** Batch ID: **10733** Analysis Date: **5/8/2015** SeqNo: **422491**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample Log-In Check List

Client Name:	**GL**	Work Order Number:	**1505063**
Logged by:	**Clare Griggs**	Date Received:	**5/8/2015 10:09:00 AM**

Chain of Custody

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

Log In

3.	Coolers are present?	Yes ☑	No ☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes ☑	No ☐	
5.	Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Required ☑
6.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
7.	Were all coolers received at a temperature of >0°C to 10.0°C	Yes ☑	No ☐	NA ☐
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 the 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)

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

Person Notified:		Date	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

19. Additional remarks:

Item Information

Item #	Temp ºC	Condition
Cooler	8.3	Good
Sample	13.4	

Fremont Analytical

Chain of Custody Record

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

Laboratory Project No (Internal): 1505C063

Date: 5/8/15

Page: 1 of: 1

Client: G-Logics
Address:
City, State, Zip: Issaquah
Tel: 425 391 6874
Reports To (PM): SH
Fax:

Project Name: Gilman Square
Location: Issaquah
Collected by: SH
Email: shurtle@g-logics.com
Project No: 01-0868-J

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

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOC (EPA 8260)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SEMI VOL (EPA 8270)	PAH (EPA 8270 - SIM)	PCBs (EPA 8082)	Metals** (6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Comments/Depth
1	NSW-4-9'	5/8	0855	S		X				SH									Today
2	ESW-3-9'	5/8	0915	↓		X				SH									Today
3	Dup-X	5/8	0900	↓		X													Standard turnaround
4																			
5																			
6																			
7																			
8																			
9																			
10																			

**Metals Analysis (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

Special Remarks:

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)

Relinquished	Date/Time	Received	Date/Time
x SH	5/8/15 1009	x	5/8/15 1009
Relinquished	Date/Time	Received	Date/Time
x		x	

TAT -> SameDay^ NextDay^ 2 Day 3 Day STD

^Please coordinate with the lab in advance

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.
4139 Libby Road NE • Olympia, WA 98506-2518

May 13, 2015

Dan Hatch
G-Logics
40 2nd Avenue SE
Issaquah, WA 98027

Dear Mr. Hatch:

Please find enclosed the analytical data report for the Gilman Project located in Issaquah, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Phone (360) 352-2110 • Fax (360) 352-4154 • libbyenv@aol.com

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 5/5/2015 Page: 1 of 1

Client: G-LOGICS
Project Manager: DAN HATCH
Address: 40 2nd Ave. SE
Project Name: GILMAN
City: Issaquah State: WA Zip: 98027
Location: 615 NW GILMAN BLVd. City, State: ISSAQUAH, WA
Phone: 425-391-6874 Fax:
Collector: ZACKARY WALL Date of Collection: 5/5/2015
Client Project # 01-0868-J
Email: ZackaryW@g-logics.com

	Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	NWTPH-Dx Ext.	PAH 8270	PCB's 8082	MTCA 5 Metals	Pb/AS		Field Notes
1	T1-W-8	8	7:30	WATER		X				X									
2	B-2-8	8	9:25	Soil		X				X									
3	B-3-8	8	10:30	Soil		X				X									
4	B-4-8	8	12:09	Soil		X				X									
5	WSW-4-5	5	9:40	Soil		X				X									
6	NSW-3-6	6	10:00	Soil		X				X									
7	ESW-2-5	5	10:18	Soil		X				X									
8	B-3-14	14	12:39	Soil		X				X						X			
9	SO-1-6	6	12:20	Soil		X				X		(X)							5-8-15 added
10	SO-2-6	6	12:30	Soil		X				X		(X)							DxDx per Stuart
11	B-3-10	10	12:12	Soil		X				X									via email. RUSH
12	ESW-1-8	8	14:15	Soil		X				X									
13	TW-1		14:08	WATER		X				X					X				
14	B-3-16	16	15:05	Soil		X				X									
15	SO-3-6	6	15:10	Soil		X				X									
16	SO-3-9	9	15:15	Soil		X				X		(X)							
17	SO-4-10	10	15:20	Soil		X				X									

Relinquished by:	Date / Time	Received by:	Date / Time
Z Wall	5/5/15 3:37p	James L Degman	5/5/15 3370m
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt:

Good Condition?	
Cold?	
Seals Intact?	
Total Number of Containers	

Remarks:

ML

TAT: 24HR 48HR 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 5/6/15 Page: 1 of 1

Client: G-Logics
Project Manager: DAN HATCH
Address: 40 2nd Ave SE
Project Name: Gilman
City: Issaquah State: WA Zip: 98027
Location: 615 NE Gilman Blvd City, State: Issaquah, WA
Phone: 425-391-6674 Fax:
Collector: ZACKARY WALL Date of Collection:
Client Project # 01-0868-J
Email: ZackaryW@g-logics.com

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	NWTPH-Dx Ext.	PAH 8270	PCB's 8082	MTCA 5 Metals		Field Notes
1 ESW-4-9'	9'	8:45	Soil			X				X							
2 ESW-4-SO-6'	6'	9:00	Soil			X				X							
3 B-4-11'	11'	9:25	Soil			X				X							
4 SSW-4-8'	8'	12:01	Soil			X				X							
5 TI-W-2		11:55	Water			X				X							
6 B-5-11'	11'	13:55	Soil			X				X							
7 ESW-2-6'	6'	13:40	Soil			X				X							
8 NSW-7-5'	5'	13:24	Soil			X				X							
9 WSW-4-6.5'	6.5'	13:31	Soil			X				X							
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	

Relinquished by:	Date / Time	Received by:	Date / Time
ZK Wall	5/6/15 2:48	Jamie L Dayton	5/6/15 2:48pm
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt:

Good Condition?	
Cold?	
Seals Intact?	
Total Number of Containers	

Remarks:

ML

TAT: 24HR 48HR 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 5/7/2015 Page: 1 of 1

Client: G-logics
Project Manager: DAN HATCH
Address: 40 2nd Ave SE
Project Name: Gilman
City: Issaquah State: WA Zip: 98027
Location: 615 NW Gilman Blvd City, State: Iss, WA
Phone: 425-391-6874 Fax:
Collector: Zackary Wall Date of Collection: 5/7/2015
Client Project # 01-868-J
Email: ZackaryW@g-logics

	Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260 EDB, EDC, MTBE	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	NWTPH-Dx Ext.	PAH 8270	PCB's 8082	MTCA 5 Metals		Field Notes
1	BT-W-1855EA		8:10	WATER			X				X							
2	BT-W-0A1429		8:15	WATER			X				X							
3	NEC-2-11	11	10:17	Soil			X				X	⊗						5-8-15 added
4	NWC-4-12	12	10:15	Soil			X				X							DxDx per Stuart
5	SWC-4-11	11'	11:40	Soil			X				X	⊗						via email RUSH
6	NSO-11'	11'	12:00	Soil			X				X							
7	SEC-8	8	12:16	Soil			X				X							
8	SEC-10	10	12:20	Soil			X				X							
9	SSW-1-6	6	14:15	Soil			X				X							
10	PW-3		14:52	Water			X	X			X							
11																		
12																		
13																		
14																		
15																		
16																		
17																		

Relinquished by:	Date / Time	Received by:	Date / Time
JR Wall	5/7/15 3:00p	Jamie L Deyman	5/7/15 3:00pm
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt:

Good Condition?	
Cold?	
Seals Intact?	
Total Number of Containers	

Remarks:

ML

TAT: (24HR) 48HR 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay. Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

GILMAN PROJECT
G-Logics
Issaquah, Washington
Libby Project # L150505-30
Client Project # 01-0868-J

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8021B) in Soil

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	5/5/15	nd	nd	nd	nd	nd	124
Method Blank	5/6/15	nd	nd	nd	nd	nd	112
LCS	5/5/15	125%	100%				132
LCS	5/6/15	131%	98%				123
B-2-8	5/5/15	0.24	0.37	0.32	2.43	76	int
B-3-8	5/5/15	0.078	nd	nd	0.26	17	125
B-4-8	5/5/15	0.47	1.53	1.42	6.09	26	int
WSW-4-5	5/5/15	0.037	nd	nd	nd	nd	int
NSW-3-6	5/5/15	0.099	0.10	0.06	1.10	47	117
ESW-2-5	5/5/15	0.034	nd	nd	nd	18	102
ESW-2-5 Dup	5/5/15	0.067	nd	nd	0.81	31	105
B-3-14	5/5/15	0.67	1.17	1.16	5.31	115	int
SO-1-6	5/5/15	0.022	nd	nd	nd	nd	115
SO-2-6	5/5/15	nd	nd	nd	nd	nd	124
B-3-10	5/5/15	0.028	nd	nd	nd	nd	116
ESW-1-8	5/5/15	nd	nd	nd	nd	nd	115
B-3-16	5/5/15	0.16	0.29	0.19	1.11	26	116
SO-3-6	5/6/15	nd	nd	nd	nd	nd	89
SO-3-9	5/6/15	nd	nd	nd	nd	nd	132
SO-4-10	5/6/15	0.033	nd	nd	nd	nd	122
ESW-2-5 MS	5/5/15	121%	97%				89
L150506-30 MS	5/6/15	98%	71%				91
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Jamie Deyman

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

GILMAN PROJECT
G-Logics
Issaquah, Washington
Libby Project # L150505-30
Client Project # 01-0868-J

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8021B) in Water

Sample Number	Date Analyzed	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	Gasoline (µg/l)	Surrogate Recovery (%)
Method Blank	5/5/15	nd	nd	nd	nd	nd	124
LCS	5/5/15	125%	100%				132
T1-W-8	5/5/15	2.5	nd	nd	nd	171	121
T1-W-8 Dup	5/5/15	2.9	nd	nd	nd	181	133
T1-W-8 MS	5/5/15	95	66				113
Practical Quantitation Limit		1	2	1	3	100	

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Jamie Deyman

Libby Environmental, Inc.

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GILMAN PROJECT
G-Logics
Issaquah, Washington
Libby Project # L150505-30
Client Project # 01-0868-J

Analyses of Total Metals in Water by EPA Method 7010 Series

Sample Number	Date Analyzed	Lead µg/L	Cadmium µg/L	Chromium µg/L	Arsenic µg/L
Method Blank	5/10/15	nd	nd	nd	nd
TW-1	5/10/15	101	nd	5.1	nd
Practical Quantitation Limit		5.0	0.5	5.0	3.0

"nd" Indicates not detected at the listed detection limits.

ANALYSES PERFORMED BY: Dirk Peterson

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GILMAN PROJECT
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Libby Project # L150505-30
Client Project # 01-0868-J

QA/QC for Metals in Water by EPA Method 7010 Series

Sample Number	Date Analyzed	Lead (% Recovery)	Cadmium (% Recovery)	Chromium (% Recovery)	Arsenic (% Recovery)
LCS	5/10/15	102%	93%	83%	98%
L150505-2 MS	5/10/15	117%	83%	81%	120%
L150505-2 MSD	5/10/15	111%	84%	84%	114%
RPD	5/10/15	5%	1%	4%	5%

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 75%-125%
ACCEPTABLE RPD IS 20%

ANALYSES PERFORMED BY: Dirk Peterson

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Analyses of Total Mercury in Water by EPA Method 7470

Sample Number	Date Analyzed	Mercury µg/L
Method Blank	5/7/15	nd
TW-1	5/7/15	nd
TW-1 Dup	5/7/15	nd
Practical Quantitation Limit		0.5

"nd" Indicates not detected at the listed detection limits.

ANALYSES PERFORMED BY: Jamie Deyman

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GILMAN PROJECT
G-Logics
Issaquah, Washington
Libby Project # L150505-30
Client Project # 01-0868-J

QA/QC for Mercury by EPA Method 7470

Sample Number	Date Analyzed	Mercury (% Recovery)
LCS	5/7/15	102%
TW-1 MS	5/7/15	104%
TW-1 MSD	5/7/15	104%
RPD	5/7/15	0%

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 75%-125%
ACCEPTABLE RPD IS 20%

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Client Project # 01-0868-J

Analyses of Total Metals in Soil by EPA Method 7010 Series

Sample Number	Date Analyzed	Lead (mg/kg)	Arsenic (mg/kg)
Method Blank	5/10/15	nd	nd
B-3-14	5/10/15	nd	nd
B-3-14 Dup	5/10/15	nd	nd
Practical Quantitation Limit		5.0	5.0

"nd" Indicates not detected at the listed detection limits.

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GILMAN PROJECT
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Issaquah, Washington
Libby Project # L150505-30
Client Project # 01-0868-J

QA/QC for Metals in Soil by EPA Method 7010 Series

Sample Number	Date Analyzed	Lead (% Recovery)	Arsenic (% Recovery)
LCS	5/10/15	102%	98%
B-3-14 MS	5/10/15	105%	106%
B-3-14 MSD	5/10/15	112%	95%
RPD	5/10/15	6%	11%

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 75%-125%
ACCEPTABLE RPD IS 20%

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Issaquah, Washington
Libby Project # L150505-30
Client Project # 01-0868-J

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	5/8/15	113	nd	nd
SO-1-6	5/8/15	104	nd	nd
SO-2-6	5/8/15	85	nd	nd
SO-3-9	5/8/15	121	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Jamie Deyman

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GILMAN PROJECT
G-Logics
Issaquah, Washington
Libby Project # L150506-30
Client Project # 01-0868-J

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8021B) in Soil

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	5/6/15	nd	nd	nd	nd	nd	112
LCS	5/6/15	131%	98%				123
ESW-4-9'	5/6/15	0.044	nd	nd	nd	nd	97
ESW-4-SO-6'	5/6/15	nd	nd	nd	nd	nd	90
B-4-11'	5/6/15	0.067	nd	nd	nd	nd	127
B-4-11' Dup	5/6/15	0.065	nd	nd	nd	nd	111
SSW-4-8'	5/6/15	nd	nd	nd	nd	nd	131
B-5-11'	5/6/15	nd	nd	nd	nd	nd	115
ESW-2-6	5/6/15	0.034	nd	nd	nd	nd	133
NSW-1-5	5/6/15	nd	nd	nd	nd	nd	112
WSW-4-6.5'	5/6/15	0.083	nd	nd	0.20	11	122
WSW-4-6.5' Dup	5/6/15	0.083	nd	nd	0.18	11	106
B-4-11' MS	5/6/15	98%	71%				91
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

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ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Jamie Deyman

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GILMAN PROJECT
G-Logics
Issaquah, Washington
Libby Project # L150506-30
Client Project # 01-0868-J

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8021B) in Water

Sample Number	Date Analyzed	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	Gasoline (µg/l)	Surrogate Recovery (%)
Method Blank	5/6/15	nd	nd	nd	nd	nd	112
LCS	5/6/15	131%	98%				123
T1-W-2	5/6/15	3.2	3.1	2.1	10.5	547	123
T1-W-2 Dup	5/6/15	3.5	3.5	2.3	11.4	625	129
T1-W-2 MS	5/6/15	92%	69%				125
Practical Quantitation Limit		1	2	1	3	100	

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ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Jamie Deyman

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Libby Project # L150507-30
Client Project # 01-0868-J

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8021B) in Soil

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	Surrogate Recovery (%)
Method Blank	5/7/15	nd	nd	nd	nd	nd	117
LCS	5/7/15	120%	99%				117
NEC-2-11	5/7/15	nd	nd	nd	nd	nd	83
NWC-4-12	5/7/15	nd	nd	nd	nd	nd	109
SWC-4-11	5/7/15	nd	nd	nd	nd	nd	92
SWC-4-11 Dup	5/7/15	nd	nd	nd	nd	nd	94
NSO-11	5/7/15	0.021	nd	nd	nd	nd	107
SEC-8	5/7/15	nd	nd	nd	nd	nd	95
SEC-10	5/7/15	nd	nd	nd	nd	nd	100
SSW-1-6	5/7/15	nd	nd	nd	nd	nd	106
SWC-4-11 MS	5/7/15	110%	78%				125
Practical Quantitation Limit		0.02	0.10	0.05	0.15	10	

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ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

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Issaquah, Washington
Libby Project # L150507-30
Client Project # 01-0868-J

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8021B) in Water

Sample Number	Date Analyzed	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Xylenes (µg/l)	Gasoline (µg/l)	Surrogate Recovery (%)
Method Blank	5/7/15	nd	nd	nd	nd	nd	117
LCS	5/7/15	120%	99%				117
BT-W-1855EA	5/7/15	nd	nd	nd	nd	nd	100
BT-W-1855EA Dup	5/7/15	nd	nd	nd	nd	nd	90
BT-W-OA1429	5/7/15	nd	nd	nd	nd	nd	123
PW-3	5/7/15	5.6	14	6.9	53	930	120
BT-W-1855EA MS	5/7/15	117%	84%				109
Practical Quantitation Limit		1	2	1	3	100	

"nd" Indicates not detected at the listed detection limits.
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ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Jamie Deyman

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GILMAN PROJECT
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Libby Project # L150507-30
Client Project # 01-0868-J

Specific Halogenated and Aromatic Hydrocarbons by EPA 8260C in Water

Sample Description		Method Blank	PW-3	PW-3 Dup
Date Sampled		N/A	5/7/15	5/7/15
Date Analyzed	PQL	5/8/15	5/8/15	5/8/15
	(µg/l)	(µg/l)	(µg/l)	(µg/l)
1,2-Dichloroethane (EDC)	1.0	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.01	nd	nd	nd
Methyl *tert*- Butyl Ether (MTBE)	5.0	nd	nd	nd
Surrogate Recovery				
Dibromofluoromethane		92	85	92
1,2-Dichloroethane-d4		75	66	65
Toluene-d8		95	94	91
4-Bromofluorobenzene		103	103	11

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

* ANALYZED BY SIM
ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

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GILMAN PROJECT
G-Logics
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Libby Project # L150507-30
Client Project # 01-0868-J

QA/QC Data - EPA 8260C Analyses

Sample Identification: PW-3							
	Matrix Spike			Matrix Spike Dup			RPD
	Spiked Conc. (µg/l)	Measured Conc. (µg/l)	Spike Recovery (%)	Spiked Conc. (µg/l)	Measured Conc. (µg/l)	Spike Recovery (%)	
Benzene	10	10.3	103	10	11.0	110	6.6
Toluene	10	11.4	114	10	11.6	116	1.7
Surrogate Recovery							
Dibromofluoromethane			92			93	
1,2-Dichloroethane-d4			65			67	
Toluene-d8			91			90	
4-Bromofluorobenzene			111			114	

Laboratory Control Sample			
	Spiked Conc. (µg/l)	Measured Conc. (µg/l)	Spike Recovery (%)
Benzene	10	9.8	98
Toluene	10	10.2	102
Surrogate Recovery			
Dibromofluoromethane			96
1,2-Dichloroethane-d4			71
Toluene-d8			92
4-Bromofluorobenzene			106

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

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GILMAN PROJECT
G-Logics
Issaquah, Washington
Libby Project # L150507-30
Client Project # 01-0868-J

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	5/8/15	113	nd	nd
NEC-2-11	5/8/15	103	nd	nd
NEC-2-11 Dup	5/8/15	82	nd	nd
SWC-4-11	5/8/15	86	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Jamie Deyman

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

G-Logics
Stuart Hyde
40 Second Ave. SE
Issaquah, WA 98027

RE: Gilman Square
Lab ID: 1506181

June 23, 2015

Attention Stuart Hyde:

Fremont Analytical, Inc. received 1 sample(s) on 6/16/2015 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)
Polychlorinated Biphenyls (PCB) by EPA 8082
Sample Moisture (Percent Moisture)
Total Metals by EPA Method 6020
Volatile Organic Compounds by EPA Method 8260

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,

Mike Ridgeway
President

Date: *06/23/2015*

CLIENT: G-Logics
Project: Gilman Square
Lab Order: 1506181

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1506181-001	TANK5-5'	06/16/2015 8:30 AM	06/16/2015 10:41 AM

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

Case Narrative

WO#: **1506181**
Date: **6/23/2015**

CLIENT: G-Logics
Project: Gilman Square

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.

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 LOQ
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

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
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
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

WO#: **1506181**
Date Reported: **6/23/2015**

Client: G-Logics
Collection Date: 6/16/2015 8:30:00 AM
Project: Gilman Square
Lab ID: 1506181-001
Matrix: Soil
Client Sample ID: **TANK5-5'**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 11061		Analyst: NG
Aroclor 1016	ND	0.126		mg/Kg-dry	1	6/18/2015 2:31:00 AM
Aroclor 1221	ND	0.126		mg/Kg-dry	1	6/18/2015 2:31:00 AM
Aroclor 1232	ND	0.126		mg/Kg-dry	1	6/18/2015 2:31:00 AM
Aroclor 1242	ND	0.126		mg/Kg-dry	1	6/18/2015 2:31:00 AM
Aroclor 1248	ND	0.126		mg/Kg-dry	1	6/18/2015 2:31:00 AM
Aroclor 1254	ND	0.126		mg/Kg-dry	1	6/18/2015 2:31:00 AM
Aroclor 1260	ND	0.126		mg/Kg-dry	1	6/18/2015 2:31:00 AM
Aroclor 1262	ND	0.126		mg/Kg-dry	1	6/18/2015 2:31:00 AM
Aroclor 1268	ND	0.126		mg/Kg-dry	1	6/18/2015 2:31:00 AM
Total PCBs	ND	0.126		mg/Kg-dry	1	6/18/2015 2:31:00 AM
Surr: Decachlorobiphenyl	85.8	55.6-167		%REC	1	6/18/2015 2:31:00 AM
Surr: Tetrachloro-m-xylene	86.3	40.5-148		%REC	1	6/18/2015 2:31:00 AM
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 11050		Analyst: EC
Diesel (Fuel Oil)	ND	25.2		mg/Kg-dry	1	6/17/2015 12:51:00 AM
Heavy Oil	ND	63.1		mg/Kg-dry	1	6/17/2015 12:51:00 AM
Surr: 2-Fluorobiphenyl	95.5	50-150		%REC	1	6/17/2015 12:51:00 AM
Surr: o-Terphenyl	97.4	50-150		%REC	1	6/17/2015 12:51:00 AM
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 11064		Analyst: NG
Naphthalene	ND	65.3		µg/Kg-dry	1	6/18/2015 3:36:00 PM
2-Methylnaphthalene	ND	65.3		µg/Kg-dry	1	6/18/2015 3:36:00 PM
1-Methylnaphthalene	ND	65.3		µg/Kg-dry	1	6/18/2015 3:36:00 PM
Acenaphthylene	ND	65.3		µg/Kg-dry	1	6/18/2015 3:36:00 PM
Acenaphthene	ND	65.3		µg/Kg-dry	1	6/18/2015 3:36:00 PM
Fluorene	ND	65.3		µg/Kg-dry	1	6/18/2015 3:36:00 PM
Phenanthrene	ND	65.3		µg/Kg-dry	1	6/18/2015 3:36:00 PM
Anthracene	ND	65.3		µg/Kg-dry	1	6/18/2015 3:36:00 PM
Fluoranthene	ND	65.3		µg/Kg-dry	1	6/18/2015 3:36:00 PM
Pyrene	ND	65.3		µg/Kg-dry	1	6/18/2015 3:36:00 PM
Benz(a)anthracene	ND	65.3		µg/Kg-dry	1	6/18/2015 3:36:00 PM
Chrysene	ND	65.3		µg/Kg-dry	1	6/18/2015 3:36:00 PM
Benzo(b)fluoranthene	ND	65.3		µg/Kg-dry	1	6/18/2015 3:36:00 PM
Benzo(k)fluoranthene	ND	65.3		µg/Kg-dry	1	6/18/2015 3:36:00 PM
Benzo(a)pyrene	ND	65.3		µg/Kg-dry	1	6/18/2015 3:36:00 PM
Indeno(1,2,3-cd)pyrene	ND	65.3		µg/Kg-dry	1	6/18/2015 3:36:00 PM
Dibenz(a,h)anthracene	ND	65.3		µg/Kg-dry	1	6/18/2015 3:36:00 PM

Analytical Report

WO#: **1506181**

Date Reported: **6/23/2015**

Client: G-Logics **Collection Date:** 6/16/2015 8:30:00 AM

Project: Gilman Square

Lab ID: 1506181-001 **Matrix:** Soil

Client Sample ID: TANK5-5'

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 11064		Analyst: NG
Benzo(g,h,i)perylene	ND	65.3		µg/Kg-dry	1	6/18/2015 3:36:00 PM
Surr: 2-Fluorobiphenyl	85.0	42.7-132		%REC	1	6/18/2015 3:36:00 PM
Surr: Terphenyl-d14 (surr)	108	48.8-157		%REC	1	6/18/2015 3:36:00 PM
Gasoline by NWTPH-Gx				Batch ID: 11121		Analyst: EM
Gasoline	ND	7.10		mg/Kg-dry	1	6/23/2015 4:02:00 PM
Surr: Toluene-d8	100	65-135		%REC	1	6/23/2015 4:02:00 PM
Surr: 4-Bromofluorobenzene	96.5	65-135		%REC	1	6/23/2015 4:02:00 PM
Volatile Organic Compounds by EPA Method 8260				Batch ID: 11053		Analyst: EM
Dichlorodifluoromethane (CFC-12)	ND	0.0822		mg/Kg-dry	1	6/20/2015 12:38:00 AM
Chloromethane	ND	0.0822		mg/Kg-dry	1	6/20/2015 12:38:00 AM
Vinyl chloride	ND	0.00274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
Bromomethane	ND	0.123		mg/Kg-dry	1	6/20/2015 12:38:00 AM
Trichlorofluoromethane (CFC-11)	ND	0.0685		mg/Kg-dry	1	6/20/2015 12:38:00 AM
Chloroethane	ND	0.0822		mg/Kg-dry	1	6/20/2015 12:38:00 AM
1,1-Dichloroethene	ND	0.0685		mg/Kg-dry	1	6/20/2015 12:38:00 AM
Methylene chloride	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
trans-1,2-Dichloroethene	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
Methyl tert-butyl ether (MTBE)	ND	0.0685		mg/Kg-dry	1	6/20/2015 12:38:00 AM
1,1-Dichloroethane	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
2,2-Dichloropropane	ND	0.0685		mg/Kg-dry	1	6/20/2015 12:38:00 AM
cis-1,2-Dichloroethene	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
Chloroform	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
1,1,1-Trichloroethane (TCA)	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
1,1-Dichloropropene	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
Carbon tetrachloride	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
1,2-Dichloroethane (EDC)	ND	0.0411		mg/Kg-dry	1	6/20/2015 12:38:00 AM
Benzene	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
Trichloroethene (TCE)	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
1,2-Dichloropropane	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
Bromodichloromethane	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
Dibromomethane	ND	0.0548		mg/Kg-dry	1	6/20/2015 12:38:00 AM
cis-1,3-Dichloropropene	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
Toluene	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
trans-1,3-Dichloropropylene	ND	0.0411		mg/Kg-dry	1	6/20/2015 12:38:00 AM
1,1,2-Trichloroethane	ND	0.0411		mg/Kg-dry	1	6/20/2015 12:38:00 AM

Analytical Report

WO#: **1506181**
Date Reported: **6/23/2015**

Client: G-Logics
Collection Date: 6/16/2015 8:30:00 AM
Project: Gilman Square
Lab ID: 1506181-001
Matrix: Soil
Client Sample ID: **TANK5-5'**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: 11053		Analyst: EM
1,3-Dichloropropane	ND	0.0685		mg/Kg-dry	1	6/20/2015 12:38:00 AM
Tetrachloroethene (PCE)	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
Dibromochloromethane	ND	0.0411		mg/Kg-dry	1	6/20/2015 12:38:00 AM
1,2-Dibromoethane (EDB)	ND	0.00685		mg/Kg-dry	1	6/20/2015 12:38:00 AM
Chlorobenzene	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
1,1,1,2-Tetrachloroethane	ND	0.0411		mg/Kg-dry	1	6/20/2015 12:38:00 AM
Ethylbenzene	ND	0.0411		mg/Kg-dry	1	6/20/2015 12:38:00 AM
m,p-Xylene	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
o-Xylene	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
Styrene	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
Isopropylbenzene	ND	0.110		mg/Kg-dry	1	6/20/2015 12:38:00 AM
Bromoform	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
1,1,2,2-Tetrachloroethane	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
n-Propylbenzene	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
Bromobenzene	ND	0.0411		mg/Kg-dry	1	6/20/2015 12:38:00 AM
1,3,5-Trimethylbenzene	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
2-Chlorotoluene	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
4-Chlorotoluene	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
tert-Butylbenzene	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
1,2,3-Trichloropropane	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
1,2,4-Trichlorobenzene	ND	0.0685		mg/Kg-dry	1	6/20/2015 12:38:00 AM
sec-Butylbenzene	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
4-Isopropyltoluene	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
1,3-Dichlorobenzene	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
1,4-Dichlorobenzene	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
n-Butylbenzene	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
1,2-Dichlorobenzene	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
1,2-Dibromo-3-chloropropane	ND	0.685		mg/Kg-dry	1	6/20/2015 12:38:00 AM
1,2,4-Trimethylbenzene	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
Hexachlorobutadiene	ND	0.137		mg/Kg-dry	1	6/20/2015 12:38:00 AM
Naphthalene	ND	0.0411		mg/Kg-dry	1	6/20/2015 12:38:00 AM
1,2,3-Trichlorobenzene	ND	0.0274		mg/Kg-dry	1	6/20/2015 12:38:00 AM
Surr: Dibromofluoromethane	76.4	63.7-129		%REC	1	6/20/2015 12:38:00 AM
Surr: Toluene-d8	100	64.3-131		%REC	1	6/20/2015 12:38:00 AM
Surr: 1-Bromo-4-fluorobenzene	93.3	63.1-141		%REC	1	6/20/2015 12:38:00 AM
Total Metals by EPA Method 6020				Batch ID: 11049		Analyst: TN
Lead	1.56	0.216		mg/Kg-dry	1	6/16/2015 7:25:40 PM

Analytical Report

WO#: **1506181**
Date Reported: **6/23/2015**

Client: G-Logics
Collection Date: 6/16/2015 8:30:00 AM
Project: Gilman Square
Lab ID: 1506181-001
Matrix: Soil
Client Sample ID: **TANK5-5'**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Sample Moisture (Percent Moisture)				Batch ID: R23028		Analyst: CG
Percent Moisture	25.4			wt%	1	6/18/2015 9:15:16 AM

Work Order: 1506181
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Total Metals by EPA Method 6020

Sample ID	**MB-11049**	SampType:	**MBLK**			Units:	**mg/Kg**	Prep Date:	**6/16/2015**	RunNo:	**23001**	
Client ID:	**MBLKS**	Batch ID:	**11049**					Analysis Date:	**6/16/2015**	SeqNo:	**435802**	
Analyte		Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		ND	0.200									

Sample ID	**LCS-11049**	SampType:	**LCS**			Units:	**mg/Kg**	Prep Date:	**6/16/2015**	RunNo:	**23001**	
Client ID:	**LCSS**	Batch ID:	**11049**					Analysis Date:	**6/16/2015**	SeqNo:	**435803**	
Analyte		Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		225	0.200	237.0	0	95.1	75.1	124.9				

Sample ID	**1506171-003ADUP**	SampType:	**DUP**			Units:	**mg/Kg-dry**	Prep Date:	**6/16/2015**	RunNo:	**23001**	
Client ID:	**BATCH**	Batch ID:	**11049**					Analysis Date:	**6/16/2015**	SeqNo:	**435805**	
Analyte		Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		2.29	0.170						1.547	38.9	20	R

NOTES:
R - High RPD observed. The method is in control as indicated by the laboratory control sample (LCS).

Sample ID	**1506171-003AMS**	SampType:	**MS**			Units:	**mg/Kg-dry**	Prep Date:	**6/16/2015**	RunNo:	**23001**	
Client ID:	**BATCH**	Batch ID:	**11049**					Analysis Date:	**6/16/2015**	SeqNo:	**435809**	
Analyte		Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		21.2	0.174	21.80	1.547	90.3	75	125				

Sample ID	**1506171-003AMSD**	SampType:	**MSD**			Units:	**mg/Kg-dry**	Prep Date:	**6/16/2015**	RunNo:	**23001**	
Client ID:	**BATCH**	Batch ID:	**11049**					Analysis Date:	**6/16/2015**	SeqNo:	**435810**	
Analyte		Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		20.3	0.172	21.47	1.547	87.5	75	125	21.23	4.31	20	

Work Order: 1506181
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

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

Sample ID **1506179-001ADUP**	SampType: **DUP**			Units: **mg/Kg-dry**		Prep Date: **6/16/2015**		RunNo: **23005**			
Client ID: **BATCH**	Batch ID: **11050**					Analysis Date: **6/16/2015**		SeqNo: **435902**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.3						0		30	
Heavy Oil	ND	50.8						0		30	
Surr: 2-Fluorobiphenyl	18.1		20.32		89.1	50	150		0		
Surr: o-Terphenyl	17.8		20.32		87.5	50	150		0		

Sample ID **LCS-11050**	SampType: **LCS**			Units: **mg/Kg**		Prep Date: **6/16/2015**		RunNo: **23005**			
Client ID: **LCSS**	Batch ID: **11050**					Analysis Date: **6/16/2015**		SeqNo: **435909**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	468	20.0	500.0	0	93.6	65	135				
Surr: 2-Fluorobiphenyl	20.9		20.00		104	50	150				
Surr: o-Terphenyl	19.4		20.00		96.9	50	150				

Sample ID **MB-11050**	SampType: **MBLK**			Units: **mg/Kg**		Prep Date: **6/16/2015**		RunNo: **23005**			
Client ID: **MBLKS**	Batch ID: **11050**					Analysis Date: **6/16/2015**		SeqNo: **435910**			
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	17.5		20.00		87.7	50	150				
Surr: o-Terphenyl	17.0		20.00		85.1	50	150				

Work Order: 1506181
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID **1506186-001ADUP** SampType: **DUP** Units: **µg/Kg-dry** Prep Date: **6/17/2015** RunNo: **23056**
Client ID: **BATCH** Batch ID: **11064** Analysis Date: **6/18/2015** SeqNo: **436883**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	50.9	50.5						30.99	48.7	30	
2-Methylnaphthalene	ND	50.5						0		30	
1-Methylnaphthalene	ND	50.5						0		30	
Acenaphthylene	ND	50.5						0		30	
Acenaphthene	126	50.5						78.61	46.5	30	
Fluorene	158	50.5						96.34	48.5	30	R
Phenanthrene	1,300	50.5						801.9	47.5	30	R
Anthracene	410	50.5						272.1	40.5	30	R
Fluoranthene	1,610	50.5						1,079	39.2	30	R
Pyrene	1,340	50.5						901.5	39.2	30	R
Benz(a)anthracene	838	50.5						538.8	43.5	30	R
Chrysene	802	50.5						570.4	33.7	30	R
Benzo(b)fluoranthene	757	50.5						513.9	38.3	30	R
Benzo(k)fluoranthene	247	50.5						153.0	47.2	30	R
Benzo(a)pyrene	462	50.5						303.8	41.4	30	R
Indeno(1,2,3-cd)pyrene	233	50.5						142.7	48.1	30	R
Dibenz(a,h)anthracene	100	50.5						55.55	57.4	30	
Benzo(g,h,i)perylene	266	50.5						170.4	43.8	30	R
Surr: 2-Fluorobiphenyl	521		505.1		103	42.7	132		0		
Surr: Terphenyl-d14 (surr)	562		505.1		111	48.8	157		0		

NOTES:
R - High RPD due to suspected sample inhomogeneity. The method is in control as indicated by the Laboratory Control Sample (LCS).

Sample ID **1506186-002AMS** SampType: **MS** Units: **µg/Kg-dry** Prep Date: **6/17/2015** RunNo: **23056**
Client ID: **BATCH** Batch ID: **11064** Analysis Date: **6/18/2015** SeqNo: **436887**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	986	58.4	1,168	43.86	80.6	42.9	138				
2-Methylnaphthalene	946	58.4	1,168	24.20	78.9	42.8	151				
1-Methylnaphthalene	968	58.4	1,168	23.86	80.9	41.6	148				
Acenaphthylene	798	58.4	1,168	0	68.3	32.6	160				
Acenaphthene	939	58.4	1,168	0	80.4	46.3	142				

Work Order: 1506181
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID **1506186-002AMS**	SampType: **MS**	Units: **µg/Kg-dry**	Prep Date: **6/17/2015**	RunNo: **23056**
Client ID: **BATCH**	Batch ID: **11064**		Analysis Date: **6/18/2015**	SeqNo: **436887**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluorene	996	58.4	1,168	27.43	82.9	43.4	153				
Phenanthrene	1,030	58.4	1,168	0	88.6	45.5	140				
Anthracene	1,020	58.4	1,168	0	87.4	32.6	160				
Fluoranthene	963	58.4	1,168	51.08	78.1	44.6	161				
Pyrene	962	58.4	1,168	58.76	77.3	48.3	158				
Benz(a)anthracene	992	58.4	1,168	0	84.9	57.5	169				
Chrysene	1,160	58.4	1,168	111.0	90.2	45.2	146				
Benzo(b)fluoranthene	1,050	58.4	1,168	0	90.3	42.2	168				
Benzo(k)fluoranthene	783	58.4	1,168	0	67.1	48	161				
Benzo(a)pyrene	1,000	58.4	1,168	0	85.7	34.4	179				
Indeno(1,2,3-cd)pyrene	1,080	58.4	1,168	0	92.6	41.1	165				
Dibenz(a,h)anthracene	1,110	58.4	1,168	0	94.8	38.1	166				
Benzo(g,h,i)perylene	1,030	58.4	1,168	0	88.6	45.6	157				
Surr: 2-Fluorobiphenyl	342		583.9		58.6	42.7	132				
Surr: Terphenyl-d14 (surr)	479		583.9		82.0	48.8	157				

Sample ID **LCS-11064**	SampType: **LCS**	Units: **µg/Kg**	Prep Date: **6/17/2015**	RunNo: **23056**
Client ID: **LCSS**	Batch ID: **11064**		Analysis Date: **6/18/2015**	SeqNo: **436898**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	941	50.0	1,000	0	94.1	61.6	125				
2-Methylnaphthalene	888	50.0	1,000	0	88.8	58.2	129				
1-Methylnaphthalene	917	50.0	1,000	0	91.7	56.4	132				
Acenaphthylene	798	50.0	1,000	0	79.8	52.2	133				
Acenaphthene	867	50.0	1,000	0	86.7	54	131				
Fluorene	949	50.0	1,000	0	94.9	53.4	131				
Phenanthrene	1,080	50.0	1,000	0	108	55.6	128				
Anthracene	1,080	50.0	1,000	0	108	51	132				
Fluoranthene	1,010	50.0	1,000	0	101	48.4	134				
Pyrene	995	50.0	1,000	0	99.5	48.6	135				
Benz(a)anthracene	935	50.0	1,000	0	93.5	41.9	136				

Work Order: 1506181
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID **LCS-11064**	SampType: **LCS**	Units: **µg/Kg**	Prep Date: **6/17/2015**	RunNo: **23056**
Client ID: **LCSS**	Batch ID: **11064**		Analysis Date: **6/18/2015**	SeqNo: **436898**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chrysene	1,030	50.0	1,000	0	103	51.4	135				
Benzo(b)fluoranthene	996	50.0	1,000	0	99.6	39.7	137				
Benzo(k)fluoranthene	927	50.0	1,000	0	92.7	45.7	138				
Benzo(a)pyrene	1,020	50.0	1,000	0	102	40.9	141				
Indeno(1,2,3-cd)pyrene	1,070	50.0	1,000	0	107	41	140				
Dibenz(a,h)anthracene	1,060	50.0	1,000	0	106	37.6	140				
Benzo(g,h,i)perylene	1,010	50.0	1,000	0	101	45	134				
Surr: 2-Fluorobiphenyl	446		500.0		89.3	42.7	132				
Surr: Terphenyl-d14 (surr)	534		500.0		107	48.8	157				

Sample ID **MB-11064**	SampType: **MBLK**	Units: **µg/Kg**	Prep Date: **6/17/2015**	RunNo: **23056**
Client ID: **MBLKS**	Batch ID: **11064**		Analysis Date: **6/18/2015**	SeqNo: **436899**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	50.0									
2-Methylnaphthalene	ND	50.0									
1-Methylnaphthalene	ND	50.0									
Acenaphthylene	ND	50.0									
Acenaphthene	ND	50.0									
Fluorene	ND	50.0									
Phenanthrene	ND	50.0									
Anthracene	ND	50.0									
Fluoranthene	ND	50.0									
Pyrene	ND	50.0									
Benz(a)anthracene	ND	50.0									
Chrysene	ND	50.0									
Benzo(b)fluoranthene	ND	50.0									
Benzo(k)fluoranthene	ND	50.0									
Benzo(a)pyrene	ND	50.0									
Indeno(1,2,3-cd)pyrene	ND	50.0									
Dibenz(a,h)anthracene	ND	50.0									

Date: *6/23/2015*

Work Order: 1506181
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID	**MB-11064**	SampType:	**MBLK**	Units:	**µg/Kg**	Prep Date:	**6/17/2015**	RunNo:	**23056**
Client ID:	**MBLKS**	Batch ID:	**11064**			Analysis Date:	**6/18/2015**	SeqNo:	**436899**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(g,h,i)perylene	ND	50.0									
Surr: 2-Fluorobiphenyl	468		500.0		93.5	42.7	132				
Surr: Terphenyl-d14 (surr)	483		500.0		96.5	48.8	157				

Work Order: 1506181
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID **1506105-019AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **6/17/2015**	RunNo: **23033**
Client ID: **BATCH**	Batch ID: **11061**		Analysis Date: **6/18/2015**	SeqNo: **436491**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.898	0.117	1.165	0	77.1	61.7	139				
Aroclor 1260	0.936	0.117	1.165	0	80.3	63.1	138				
Surr: Decachlorobiphenyl	53.8		58.27		92.3	55.6	167				
Surr: Tetrachloro-m-xylene	43.9		58.27		75.4	40.5	148				

Sample ID **1506105-019AMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **6/17/2015**	RunNo: **23033**
Client ID: **BATCH**	Batch ID: **11061**		Analysis Date: **6/18/2015**	SeqNo: **436492**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.909	0.117	1.166	0	77.9	61.7	139	0.8982	1.16	30	
Aroclor 1260	0.932	0.117	1.166	0	79.9	63.1	138	0.9358	0.375	30	
Surr: Decachlorobiphenyl	45.6		58.32		78.1	55.6	167		0		
Surr: Tetrachloro-m-xylene	35.3		58.32		60.5	40.5	148		0		

Sample ID **LCS1-11061**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **6/17/2015**	RunNo: **23033**
Client ID: **LCSS**	Batch ID: **11061**		Analysis Date: **6/18/2015**	SeqNo: **436498**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.680	0.100	1.000	0	68.0	45.8	133				
Aroclor 1260	0.711	0.100	1.000	0	71.1	57	134				
Surr: Decachlorobiphenyl	44.8		50.00		89.6	55.6	167				
Surr: Tetrachloro-m-xylene	36.7		50.00		73.4	40.5	148				

Sample ID **LCS2-11061**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **6/17/2015**	RunNo: **23033**
Client ID: **LCSS**	Batch ID: **11061**		Analysis Date: **6/18/2015**	SeqNo: **436499**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1232	0.722	0.100	1.000	0	72.2	45.8	133				
Surr: Decachlorobiphenyl	47.7		50.00		95.5	55.6	167				
Surr: Tetrachloro-m-xylene	41.3		50.00		82.6	40.5	148				

Work Order: 1506181
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID	**LCS2-11061**	SampType: **LCS**			Units: **mg/Kg**		Prep Date: **6/17/2015**		RunNo: **23033**	
Client ID:	**LCSS**	Batch ID: **11061**					Analysis Date: **6/18/2015**		SeqNo: **436499**	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID	**MB-11061**	SampType: **MBLK**			Units: **mg/Kg**		Prep Date: **6/17/2015**		RunNo: **23033**	
Client ID:	**MBLKS**	Batch ID: **11061**					Analysis Date: **6/18/2015**		SeqNo: **436500**	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.100									
Aroclor 1221	ND	0.100									
Aroclor 1232	ND	0.100									
Aroclor 1242	ND	0.100									
Aroclor 1248	ND	0.100									
Aroclor 1254	ND	0.100									
Aroclor 1260	ND	0.100									
Aroclor 1262	ND	0.100									
Aroclor 1268	ND	0.100									
Total PCBs	ND	0.100									
Surr: Decachlorobiphenyl	39.0		50.00		78.0	55.6	167				
Surr: Tetrachloro-m-xylene	32.0		50.00		64.0	40.5	148				

Fremont Analytical

Date: *6/23/2015*

Work Order: 1506181
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID **LCS-11121**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **6/23/2015**	RunNo: **23149**
Client ID: **LCSS**	Batch ID: **11121**		Analysis Date: **6/23/2015**	SeqNo: **438522**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	25.7	5.00	25.00	0	103	65	135				
Surr: Toluene-d8	1.23		1.250		98.4	65	135				
Surr: 4-Bromofluorobenzene	1.26		1.250		100	65	135				

Sample ID **MB-11121**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **6/23/2015**	RunNo: **23149**
Client ID: **MBLKS**	Batch ID: **11121**		Analysis Date: **6/23/2015**	SeqNo: **438523**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.23		1.250		98.7	65	135				
Surr: 4-Bromofluorobenzene	1.22		1.250		97.6	65	135				

Sample ID **1506181-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **6/23/2015**	RunNo: **23149**
Client ID: **TANK5-5'**	Batch ID: **11121**		Analysis Date: **6/23/2015**	SeqNo: **438525**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	7.10						0		30	
Surr: Toluene-d8	1.81		1.775		102	65	135		0		
Surr: 4-Bromofluorobenzene	1.70		1.775		95.9	65	135		0		

Work Order: 1506181
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID **1506171-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **6/16/2015** RunNo: **23000**
Client ID: **BATCH** Batch ID: **11053** Analysis Date: **6/16/2015** SeqNo: **435937**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0659						0		30	
Chloromethane	ND	0.0659						0		30	
Vinyl chloride	ND	0.00220						0		30	
Bromomethane	ND	0.0989						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.0549						0		30	
Chloroethane	ND	0.0659						0		30	
1,1-Dichloroethene	ND	0.0549						0		30	
Methylene chloride	ND	0.0220						0		30	
trans-1,2-Dichloroethene	ND	0.0220						0		30	
Methyl tert-butyl ether (MTBE)	ND	0.0549						0		30	
1,1-Dichloroethane	ND	0.0220						0		30	
2,2-Dichloropropane	ND	0.0549						0		30	
cis-1,2-Dichloroethene	ND	0.0220						0		30	
Chloroform	ND	0.0220						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.0220						0		30	
1,1-Dichloropropene	ND	0.0220						0		30	
Carbon tetrachloride	ND	0.0220						0		30	
1,2-Dichloroethane (EDC)	ND	0.0330						0		30	
Benzene	ND	0.0220						0		30	
Trichloroethene (TCE)	ND	0.0220						0		30	
1,2-Dichloropropane	ND	0.0220						0		30	
Bromodichloromethane	ND	0.0220						0		30	
Dibromomethane	ND	0.0439						0		30	
cis-1,3-Dichloropropene	ND	0.0220						0		30	
Toluene	ND	0.0220						0		30	
trans-1,3-Dichloropropylene	ND	0.0330						0		30	
1,1,2-Trichloroethane	ND	0.0330						0		30	
1,3-Dichloropropane	ND	0.0549						0		30	
Tetrachloroethene (PCE)	ND	0.0220						0		30	
Dibromochloromethane	ND	0.0330						0		30	
1,2-Dibromoethane (EDB)	ND	0.00549						0		30	

Work Order: 1506181
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID **1506171-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **6/16/2015** RunNo: **23000**
Client ID: **BATCH** Batch ID: **11053** Analysis Date: **6/16/2015** SeqNo: **435937**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	ND	0.0220						0		30	
1,1,1,2-Tetrachloroethane	ND	0.0330						0		30	
Ethylbenzene	ND	0.0330						0		30	
m,p-Xylene	ND	0.0220						0		30	
o-Xylene	ND	0.0220						0		30	
Styrene	ND	0.0220						0		30	
Isopropylbenzene	ND	0.0879						0		30	
Bromoform	ND	0.0220						0		30	
1,1,2,2-Tetrachloroethane	ND	0.0220						0		30	
n-Propylbenzene	ND	0.0220						0		30	
Bromobenzene	ND	0.0330						0		30	
1,3,5-Trimethylbenzene	ND	0.0220						0		30	
2-Chlorotoluene	ND	0.0220						0		30	
4-Chlorotoluene	ND	0.0220						0		30	
tert-Butylbenzene	ND	0.0220						0		30	
1,2,3-Trichloropropane	ND	0.0220						0		30	
1,2,4-Trichlorobenzene	ND	0.0549						0		30	
sec-Butylbenzene	ND	0.0220						0		30	
4-Isopropyltoluene	ND	0.0220						0		30	
1,3-Dichlorobenzene	ND	0.0220						0		30	
1,4-Dichlorobenzene	ND	0.0220						0		30	
n-Butylbenzene	ND	0.0220						0		30	
1,2-Dichlorobenzene	ND	0.0220						0		30	
1,2-Dibromo-3-chloropropane	ND	0.549						0		30	
1,2,4-Trimethylbenzene	ND	0.0220						0		30	
Hexachlorobutadiene	ND	0.110						0		30	
Naphthalene	ND	0.0330						0		30	
1,2,3-Trichlorobenzene	ND	0.0220						0		30	
Surr: Dibromofluoromethane	1.20		1.373		87.1	63.7	129		0		
Surr: Toluene-d8	1.15		1.373		84.0	64.3	131		0		
Surr: 1-Bromo-4-fluorobenzene	1.28		1.373		93.0	63.1	141		0		

Work Order: 1506181
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID **1506171-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **6/16/2015** RunNo: **23000**
Client ID: **BATCH** Batch ID: **11053** Analysis Date: **6/16/2015** SeqNo: **435937**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID **1506171-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **6/16/2015** RunNo: **23000**
Client ID: **BATCH** Batch ID: **11053** Analysis Date: **6/17/2015** SeqNo: **435939**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	0.752	0.0701	1.168	0	64.4	43.5	121				
Chloromethane	0.875	0.0701	1.168	0	74.9	45	130				
Vinyl chloride	0.942	0.00234	1.168	0	80.6	51.2	146				
Bromomethane	1.08	0.105	1.168	0	92.2	21.3	120				
Trichlorofluoromethane (CFC-11)	1.14	0.0584	1.168	0	98.0	35	131				
Chloroethane	0.997	0.0701	1.168	0	85.4	43.8	117				
1,1-Dichloroethene	1.03	0.0584	1.168	0	88.0	61.9	141				
Methylene chloride	0.995	0.0234	1.168	0.02395	83.2	54.7	142				
trans-1,2-Dichloroethene	1.06	0.0234	1.168	0	90.9	52	136				
Methyl tert-butyl ether (MTBE)	1.05	0.0584	1.168	0	89.6	54.4	132				
1,1-Dichloroethane	1.17	0.0234	1.168	0	100	51.8	141				
2,2-Dichloropropane	1.10	0.0584	1.168	0	94.0	36	123				
cis-1,2-Dichloroethene	1.20	0.0234	1.168	0	102	58.6	136				
Chloroform	1.10	0.0234	1.168	0	94.1	53.2	129				
1,1,1-Trichloroethane (TCA)	1.13	0.0234	1.168	0	96.6	58.3	145				
1,1-Dichloropropene	1.14	0.0234	1.168	0	98.0	55.1	138				
Carbon tetrachloride	1.30	0.0234	1.168	0	111	53.3	144				
1,2-Dichloroethane (EDC)	1.19	0.0351	1.168	0	102	51.3	139				
Benzene	1.12	0.0234	1.168	0	96.0	63.5	133				
Trichloroethene (TCE)	1.17	0.0234	1.168	0	99.8	68.6	132				
1,2-Dichloropropane	1.00	0.0234	1.168	0	85.6	59	136				
Bromodichloromethane	1.10	0.0234	1.168	0	94.5	50.7	141				
Dibromomethane	1.00	0.0467	1.168	0	85.9	50.6	137				
cis-1,3-Dichloropropene	1.17	0.0234	1.168	0	100	50.4	138				
Toluene	1.14	0.0234	1.168	0	97.6	63.4	132				
trans-1,3-Dichloropropylene	1.13	0.0351	1.168	0	96.6	44.1	147				

Work Order: 1506181
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID **1506171-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **6/16/2015** RunNo: **23000**
Client ID: **BATCH** Batch ID: **11053** Analysis Date: **6/17/2015** SeqNo: **435939**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2-Trichloroethane	1.04	0.0351	1.168	0.007594	88.4	51.6	137				
1,3-Dichloropropane	1.07	0.0584	1.168	0	92.0	53.1	134				
Tetrachloroethene (PCE)	1.30	0.0234	1.168	0	111	35.6	158				
Dibromochloromethane	1.21	0.0351	1.168	0	103	55.3	140				
1,2-Dibromoethane (EDB)	1.15	0.00584	1.168	0	98.9	50.4	136				
Chlorobenzene	1.24	0.0234	1.168	0	106	60	133				
1,1,1,2-Tetrachloroethane	1.15	0.0351	1.168	0	98.8	53.1	142				
Ethylbenzene	1.19	0.0351	1.168	0	102	54.5	134				
m,p-Xylene	2.69	0.0234	2.337	0	115	53.1	132				
o-Xylene	1.30	0.0234	1.168	0	112	53.3	139				
Styrene	1.24	0.0234	1.168	0	106	51.1	132				
Isopropylbenzene	1.23	0.0935	1.168	0	106	58.9	138				
Bromoform	1.36	0.0234	1.168	0	116	57.9	130				
1,1,2,2-Tetrachloroethane	1.12	0.0234	1.168	0	95.8	51.9	131				
n-Propylbenzene	1.21	0.0234	1.168	0	104	53.6	140				
Bromobenzene	1.40	0.0351	1.168	0	120	54.2	140				
1,3,5-Trimethylbenzene	1.23	0.0234	1.168	0	105	51.8	136				
2-Chlorotoluene	1.21	0.0234	1.168	0	104	51.6	136				
4-Chlorotoluene	1.11	0.0234	1.168	0	95.1	50.1	139				
tert-Butylbenzene	1.18	0.0234	1.168	0	101	50.5	135				
1,2,3-Trichloropropane	1.25	0.0234	1.168	0	107	50.5	131				
1,2,4-Trichlorobenzene	1.36	0.0584	1.168	0	116	50.8	130				
sec-Butylbenzene	1.22	0.0234	1.168	0	104	52.6	141				
4-Isopropyltoluene	1.18	0.0234	1.168	0	101	52.9	134				
1,3-Dichlorobenzene	1.29	0.0234	1.168	0	111	52.6	131				
1,4-Dichlorobenzene	1.30	0.0234	1.168	0	111	52.9	129				
n-Butylbenzene	1.15	0.0234	1.168	0	98.6	52.6	130				
1,2-Dichlorobenzene	1.22	0.0234	1.168	0	105	55.8	129				
1,2-Dibromo-3-chloropropane	1.06	0.584	1.168	0	91.1	40.5	131				
1,2,4-Trimethylbenzene	1.18	0.0234	1.168	0	101	50.6	137				
Hexachlorobutadiene	1.33	0.117	1.168	0	114	40.6	158				

Work Order: 1506181
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID **1506171-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **6/16/2015** RunNo: **23000**
Client ID: **BATCH** Batch ID: **11053** Analysis Date: **6/17/2015** SeqNo: **435939**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	1.21	0.0351	1.168	0.01402	102	52.3	124				
1,2,3-Trichlorobenzene	1.41	0.0234	1.168	0	120	54.4	124				
Surr: Dibromofluoromethane	1.34		1.460		92.0	63.7	129				
Surr: Toluene-d8	1.27		1.460		86.7	64.3	131				
Surr: 1-Bromo-4-fluorobenzene	1.33		1.460		90.8	63.1	141				

Sample ID **LCS-11053** SampType: **LCS** Units: **mg/Kg** Prep Date: **6/16/2015** RunNo: **23000**
Client ID: **LCSS** Batch ID: **11053** Analysis Date: **6/16/2015** SeqNo: **435960**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	0.686	0.0600	1.000	0	68.6	37.2	139				
Chloromethane	0.783	0.0600	1.000	0	78.3	38.8	132				
Vinyl chloride	0.806	0.00200	1.000	0	80.6	56.1	130				
Bromomethane	0.989	0.0900	1.000	0	98.9	41.3	148				
Trichlorofluoromethane (CFC-11)	0.846	0.0500	1.000	0	84.6	42.9	147				
Chloroethane	1.03	0.0600	1.000	0	103	37.1	144				
1,1-Dichloroethene	0.785	0.0500	1.000	0	78.5	49.7	142				
Methylene chloride	0.784	0.0200	1.000	0	78.4	46.3	140				
trans-1,2-Dichloroethene	0.798	0.0200	1.000	0	79.8	68	130				
Methyl tert-butyl ether (MTBE)	0.789	0.0500	1.000	0	78.9	59.1	138				
1,1-Dichloroethane	0.882	0.0200	1.000	0	88.2	65.5	132				
2,2-Dichloropropane	0.868	0.0500	1.000	0	86.8	28.1	149				
cis-1,2-Dichloroethene	0.897	0.0200	1.000	0	89.6	71.3	135				
Chloroform	0.856	0.0200	1.000	0	85.6	67.5	129				
1,1,1-Trichloroethane (TCA)	0.863	0.0200	1.000	0	86.3	69	132				
1,1-Dichloropropene	0.780	0.0200	1.000	0	78.0	72.7	131				
Carbon tetrachloride	0.876	0.0200	1.000	0	87.6	63.4	137				
1,2-Dichloroethane (EDC)	0.894	0.0300	1.000	0	89.4	61.9	136				
Benzene	0.860	0.0200	1.000	0	86.1	64.3	133				
Trichloroethene (TCE)	0.846	0.0200	1.000	0	84.6	65.5	137				
1,2-Dichloropropane	0.747	0.0200	1.000	0	74.7	63.2	142				

Work Order: 1506181
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID **LCS-11053** SampType: **LCS** Units: **mg/Kg** Prep Date: **6/16/2015** RunNo: **23000**
Client ID: **LCSS** Batch ID: **11053** Analysis Date: **6/16/2015** SeqNo: **435960**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	0.810	0.0200	1.000	0	81.0	73.2	131				
Dibromomethane	0.785	0.0400	1.000	0	78.5	70	130				
cis-1,3-Dichloropropene	0.890	0.0200	1.000	0	89.0	59.1	143				
Toluene	0.868	0.0200	1.000	0	86.8	67.3	138				
trans-1,3-Dichloropropylene	0.820	0.0300	1.000	0	82.0	49.2	149				
1,1,2-Trichloroethane	0.765	0.0300	1.000	0	76.5	74.5	129				
1,3-Dichloropropane	0.813	0.0500	1.000	0	81.3	70	130				
Tetrachloroethene (PCE)	0.893	0.0200	1.000	0	89.2	52.7	150				
Dibromochloromethane	0.884	0.0300	1.000	0	88.4	70.6	144				
1,2-Dibromoethane (EDB)	0.870	0.00500	1.000	0	87.0	70	130				
Chlorobenzene	0.957	0.0200	1.000	0	95.7	76.1	123				
1,1,1,2-Tetrachloroethane	0.953	0.0300	1.000	0	95.3	74.8	131				
Ethylbenzene	0.906	0.0300	1.000	0	90.7	74	129				
m,p-Xylene	1.98	0.0200	2.000	0	98.8	79.8	128				
o-Xylene	0.972	0.0200	1.000	0	97.2	72.7	124				
Styrene	0.966	0.0200	1.000	0	96.6	76.8	130				
Isopropylbenzene	0.933	0.0800	1.000	0	93.3	70	130				
Bromoform	0.903	0.0200	1.000	0	90.3	67	154				
1,1,2,2-Tetrachloroethane	0.815	0.0200	1.000	0	81.5	60	130				
n-Propylbenzene	0.906	0.0200	1.000	0	90.7	74.8	125				
Bromobenzene	1.01	0.0300	1.000	0	101	49.2	144				
1,3,5-Trimethylbenzene	0.913	0.0200	1.000	0	91.3	74.6	123				
2-Chlorotoluene	0.906	0.0200	1.000	0	90.7	76.7	129				
4-Chlorotoluene	0.861	0.0200	1.000	0	86.1	77.5	125				
tert-Butylbenzene	0.875	0.0200	1.000	0	87.5	66.2	130				
1,2,3-Trichloropropane	0.856	0.0200	1.000	0	85.6	67.9	136				
1,2,4-Trichlorobenzene	0.964	0.0500	1.000	0	96.4	65.6	137				
sec-Butylbenzene	0.917	0.0200	1.000	0	91.7	75.6	133				
4-Isopropyltoluene	0.881	0.0200	1.000	0	88.1	76.8	131				
1,3-Dichlorobenzene	0.890	0.0200	1.000	0	89.0	72.8	128				
1,4-Dichlorobenzene	0.954	0.0200	1.000	0	95.4	72.6	126				

Work Order: 1506181
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID **LCS-11053** SampType: **LCS** Units: **mg/Kg** Prep Date: **6/16/2015** RunNo: **23000**
Client ID: **LCSS** Batch ID: **11053** Analysis Date: **6/16/2015** SeqNo: **435960**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	0.852	0.0200	1.000	0	85.2	65.3	136				
1,2-Dichlorobenzene	0.872	0.0200	1.000	0	87.2	72.8	126				
1,2-Dibromo-3-chloropropane	0.848	0.500	1.000	0	84.9	61.2	139				
1,2,4-Trimethylbenzene	0.874	0.0200	1.000	0	87.4	77.5	129				
Hexachlorobutadiene	1.07	0.100	1.000	0	107	42	151				
Naphthalene	0.721	0.0300	1.000	0	72.1	62.3	134				
1,2,3-Trichlorobenzene	0.884	0.0200	1.000	0	88.4	62.1	140				
Surr: Dibromofluoromethane	1.18		1.250		94.0	63.7	129				
Surr: Toluene-d8	1.12		1.250		89.6	64.3	131				
Surr: 1-Bromo-4-fluorobenzene	1.16		1.250		92.8	63.1	141				

Sample ID **MB-11053** SampType: **MBLK** Units: **mg/Kg** Prep Date: **6/16/2015** RunNo: **23000**
Client ID: **MBLKS** Batch ID: **11053** Analysis Date: **6/16/2015** SeqNo: **435961**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	0.0600									
Chloromethane	ND	0.0600									
Vinyl chloride	ND	0.00200									
Bromomethane	ND	0.0900									
Trichlorofluoromethane (CFC-11)	ND	0.0500									
Chloroethane	ND	0.0600									
1,1-Dichloroethene	ND	0.0500									
Methylene chloride	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
Methyl tert-butyl ether (MTBE)	ND	0.0500									
1,1-Dichloroethane	ND	0.0200									
2,2-Dichloropropane	ND	0.0500									
cis-1,2-Dichloroethene	ND	0.0200									
Chloroform	ND	0.0200									
1,1,1-Trichloroethane (TCA)	ND	0.0200									
1,1-Dichloropropene	ND	0.0200									

Work Order: 1506181
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID **MB-11053** SampType: **MBLK** Units: **mg/Kg** Prep Date: **6/16/2015** RunNo: **23000**
Client ID: **MBLKS** Batch ID: **11053** Analysis Date: **6/16/2015** SeqNo: **435961**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	ND	0.0200									
1,2-Dichloroethane (EDC)	ND	0.0300									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
1,2-Dichloropropane	ND	0.0200									
Bromodichloromethane	ND	0.0200									
Dibromomethane	ND	0.0400									
cis-1,3-Dichloropropene	ND	0.0200									
Toluene	ND	0.0200									
trans-1,3-Dichloropropylene	ND	0.0300									
1,1,2-Trichloroethane	ND	0.0300									
1,3-Dichloropropane	ND	0.0500									
Tetrachloroethene (PCE)	ND	0.0200									
Dibromochloromethane	ND	0.0300									
1,2-Dibromoethane (EDB)	ND	0.00500									
Chlorobenzene	ND	0.0200									
1,1,1,2-Tetrachloroethane	ND	0.0300									
Ethylbenzene	ND	0.0300									
m,p-Xylene	ND	0.0200									
o-Xylene	ND	0.0200									
Styrene	ND	0.0200									
Isopropylbenzene	ND	0.0800									
Bromoform	ND	0.0200									
1,1,2,2-Tetrachloroethane	ND	0.0200									
n-Propylbenzene	ND	0.0200									
Bromobenzene	ND	0.0300									
1,3,5-Trimethylbenzene	ND	0.0200									
2-Chlorotoluene	ND	0.0200									
4-Chlorotoluene	ND	0.0200									
tert-Butylbenzene	ND	0.0200									
1,2,3-Trichloropropane	ND	0.0200									

Work Order: 1506181
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID **MB-11053** SampType: **MBLK** Units: **mg/Kg** Prep Date: **6/16/2015** RunNo: **23000**
Client ID: **MBLKS** Batch ID: **11053** Analysis Date: **6/16/2015** SeqNo: **435961**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	ND	0.0500									
sec-Butylbenzene	ND	0.0200									
4-Isopropyltoluene	ND	0.0200									
1,3-Dichlorobenzene	ND	0.0200									
1,4-Dichlorobenzene	ND	0.0200									
n-Butylbenzene	ND	0.0200									
1,2-Dichlorobenzene	ND	0.0200									
1,2-Dibromo-3-chloropropane	ND	0.500									
1,2,4-Trimethylbenzene	ND	0.0200									
Hexachlorobutadiene	ND	0.100									
Naphthalene	ND	0.0300									
1,2,3-Trichlorobenzene	ND	0.0200									
Surr: Dibromofluoromethane	1.24		1.250		99.2	63.7	129				
Surr: Toluene-d8	1.09		1.250		87.3	64.3	131				
Surr: 1-Bromo-4-fluorobenzene	1.20		1.250		96.1	63.1	141				

Sample Log-In Check List

Client Name:	**GL**	Work Order Number:	**1506181**
Logged by:	**Erica Silva**	Date Received:	**6/16/2015 10:41:00 AM**

Chain of Custody

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

Log In

3.	Coolers are present?	Yes ☑	No ☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes ☑	No ☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes ☐	No ☐	Not Required ☑
6.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
7.	Were all items received at a temperature of >0°C to 10.0°C *	Yes ☐	No ☑	NA ☐
	Sample received straight from field			
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)

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

Person Notified:	Stuart Hyde	Date	6/16/2015
By Whom:	Erica Silva	Via:	☐ eMail ☑ Phone ☐ Fax ☐ In Person
Regarding:	EDB by 8011		
Client Instructions:	Proceed with EDB by 8260		

19. Additional remarks:

Sample received straight from field.

Item Information

Item #	Temp °C
Cooler	7.2
Sample	10.2

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

Fremont Analytical

Chain of Custody Record

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

Laboratory Project No (internal): 1506181

Date: 6/16/15

Page: 1 of: 1

Client: G-Logics
Address: 402nd Ave SE
City, State, Zip Issaquah
Tel: 425-391-6874 Fax:

Project Name: Glacier Square
Project No: 01-0868-I
Location: Issaquah
Reports To (PM): SH
Email: Stuarth@g-logics

Collected by: SH

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

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOC (EPA 8260)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SEMI VOL (EPA 8270)	PAH (EPA 8270 - SIM)	PCBs (EPA 8082)	Metals** (6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	EDC	MTBE	Comments/Depth
1	TANK 5-5'	6/16	0830	S	X			X		X		X	X	X			X	X	X		2 VOAs, 2 jars
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					

**Metals Analysis (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

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)

Turn-around times for samples received after 4:00pm will begin on the following business day.

Special Remarks:

Relinquished	Date/Time	Received	Date/Time
x SH	6/16/15 1041	x	06/16/15 10:41
Relinquished	Date/Time	Received	Date/Time
x			

TAT -> SameDay^ NextDay^ 2 Day 3 Day STD

*Please coordinate with the lab in advance

Distribution: White - Lab, Yellow - File, Pink - Originator

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

G-Logics
Stuart Hyde
40 Second Ave. SE
Issaquah, WA 98027

RE: Gilman Square
Lab ID: 1507266

July 28, 2015

Attention Stuart Hyde:

Fremont Analytical, Inc. received 1 sample(s) on 7/27/2015 for the analyses presented in the following report.

1,2-Dibromoethane (EDB) by EPA Method 8011
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)
Polychlorinated Biphenyls (PCB) by EPA 8082
Total Metals by EPA Method 200.8
Volatile Organic Compounds by EPA Method 8260

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,

Mike Ridgeway
President

Date: *07/28/2015*

CLIENT: G-Logics
Project: Gilman Square
Lab Order: 1507266

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1507266-001	TANK5-WATER	07/27/2015 10:00 AM	07/27/2015 11:49 AM

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

Case Narrative

WO#: **1507266**
Date: **7/28/2015**

CLIENT: G-Logics
Project: Gilman Square

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.
Prep Comments for METHOD (PREP-PCB-W), SAMPLE (1507266-001B) required Florisil Cleanup Procedure (Using Method No 3620C).
Prep Comments for METHOD (PREP-PCB-W), SAMPLE (1507266-001B) required Acid Cleanup Procedure (Using Method No 3665A).

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 LOQ
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

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
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
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

WO#: **1507266**
Date Reported: **7/28/2015**

Client: G-Logics
Collection Date: 7/27/2015 10:00:00 AM
Project: Gilman Square
Lab ID: 1507266-001
Matrix: Wastewater
Client Sample ID: **TANK5-WATER**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,2-Dibromoethane (EDB) by EPA Method 8011				Batch ID: 11434		Analyst: AK
1,2-Dibromoethane (EDB)	0.717	0.0121		µg/L	1	7/28/2015 2:30:00 AM
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 11432		Analyst: NG
Aroclor 1016	ND	0.199		µg/L	1	7/27/2015 10:36:00 PM
Aroclor 1221	ND	0.199		µg/L	1	7/27/2015 10:36:00 PM
Aroclor 1232	ND	0.199		µg/L	1	7/27/2015 10:36:00 PM
Aroclor 1242	ND	0.199		µg/L	1	7/27/2015 10:36:00 PM
Aroclor 1248	ND	0.199		µg/L	1	7/27/2015 10:36:00 PM
Aroclor 1254	ND	0.199		µg/L	1	7/27/2015 10:36:00 PM
Aroclor 1260	ND	0.199		µg/L	1	7/27/2015 10:36:00 PM
Aroclor 1262	ND	0.199		µg/L	1	7/27/2015 10:36:00 PM
Aroclor 1268	ND	0.199		µg/L	1	7/27/2015 10:36:00 PM
Total PCBs	ND	0.199		µg/L	1	7/27/2015 10:36:00 PM
Surr: Decachlorobiphenyl	102	23.1-172		%REC	1	7/27/2015 10:36:00 PM
Surr: Tetrachloro-m-xylene	182	10-125	S	%REC	1	7/27/2015 10:36:00 PM

NOTES:
S - High surrogate recovery attributed to TPH interference. The method is in control as indicated by the Method Blank (MB) & Laboratory Control Sample (LCS).

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 11431		Analyst: EC
Diesel (Fuel Oil)	ND	49.0		µg/L	1	7/27/2015 8:40:00 PM
Diesel Range Organics (C12-C24)	4387	4,900	JD	µg/L	100	7/27/2015 9:43:00 PM
Heavy Oil	105,000	9,810	D	µg/L	100	7/27/2015 9:43:00 PM
Surr: 2-Fluorobiphenyl	112	50-150		%REC	1	7/27/2015 8:40:00 PM
Surr: o-Terphenyl	103	50-150		%REC	1	7/27/2015 8:40:00 PM
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 11433		Analyst: NG
Naphthalene	753	98.9	D	µg/L	1000	7/28/2015 10:12:00 AM
2-Methylnaphthalene	1,990	98.9	D	µg/L	1000	7/28/2015 10:12:00 AM
1-Methylnaphthalene	1,050	98.9	D	µg/L	1000	7/28/2015 10:12:00 AM
Acenaphthylene	ND	98.9	D	µg/L	1000	7/28/2015 10:12:00 AM
Acenaphthene	ND	98.9	D	µg/L	1000	7/28/2015 10:12:00 AM
Fluorene	ND	98.9	D	µg/L	1000	7/28/2015 10:12:00 AM
Phenanthrene	222	98.9	D	µg/L	1000	7/28/2015 10:12:00 AM
Anthracene	55.1	98.9	JD	µg/L	1000	7/28/2015 10:12:00 AM
Fluoranthene	104	98.9	D	µg/L	1000	7/28/2015 10:12:00 AM

Analytical Report

WO#: **1507266**

Date Reported: **7/28/2015**

Client: G-Logics **Collection Date:** 7/27/2015 10:00:00 AM

Project: Gilman Square

Lab ID: 1507266-001 **Matrix:** Wastewater

Client Sample ID: TANK5-WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 11433		Analyst: NG
Pyrene	208	98.9	D	µg/L	1000	7/28/2015 10:12:00 AM
Benz(a)anthracene	46.1	98.9	JD	µg/L	1000	7/28/2015 10:12:00 AM
Chrysene	50.6	98.9	JD	µg/L	1000	7/28/2015 10:12:00 AM
Benzo(b)fluoranthene	ND	98.9	D	µg/L	1000	7/28/2015 10:12:00 AM
Benzo(k)fluoranthene	ND	98.9	D	µg/L	1000	7/28/2015 10:12:00 AM
Benzo(a)pyrene	ND	98.9	D	µg/L	1000	7/28/2015 10:12:00 AM
Indeno(1,2,3-cd)pyrene	ND	98.9	D	µg/L	1000	7/28/2015 10:12:00 AM
Dibenz(a,h)anthracene	ND	98.9	D	µg/L	1000	7/28/2015 10:12:00 AM
Benzo(g,h,i)perylene	116	98.9	D	µg/L	1000	7/28/2015 10:12:00 AM
Surr: 2-Fluorobiphenyl	72.7	23.9-122	D	%REC	1000	7/28/2015 10:12:00 AM
Surr: Terphenyl-d14	82.2	33.4-135	D	%REC	1000	7/28/2015 10:12:00 AM
Gasoline by NWTPH-Gx				Batch ID: R23865		Analyst: BC
Gasoline	2,050	500	D	µg/L	10	7/28/2015 11:58:00 AM
Surr: Toluene-d8	103	65-135		%REC	1	7/28/2015 12:31:00 PM
Surr: 4-Bromofluorobenzene	105	65-135		%REC	1	7/28/2015 12:31:00 PM
Volatile Organic Compounds by EPA Method 8260				Batch ID: R23863		Analyst: BC
Dichlorodifluoromethane (CFC-12)	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
Chloromethane	1.13	1.00		µg/L	1	7/28/2015 12:31:00 PM
Vinyl chloride	ND	0.200		µg/L	1	7/28/2015 12:31:00 PM
Bromomethane	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
Trichlorofluoromethane (CFC-11)	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
Chloroethane	1.30	1.00		µg/L	1	7/28/2015 12:31:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
Methylene chloride	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
Methyl tert-butyl ether (MTBE)	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
2,2-Dichloropropane	ND	2.00		µg/L	1	7/28/2015 12:31:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
Chloroform	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
1,1,1-Trichloroethane (TCA)	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
1,2-Dichloroethane (EDC)	2.48	1.00		µg/L	1	7/28/2015 12:31:00 PM
Benzene	23.7	1.00		µg/L	1	7/28/2015 12:31:00 PM

Client: G-Logics **Collection Date:** 7/27/2015 10:00:00 AM

Project: Gilman Square

Lab ID: 1507266-001 **Matrix:** Wastewater

Client Sample ID: TANK5-WATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R23863		Analyst: BC
Trichloroethene (TCE)	ND	0.500		µg/L	1	7/28/2015 12:31:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
Dibromomethane	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
Toluene	152	10.0	D	µg/L	10	7/28/2015 11:58:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
Tetrachloroethene (PCE)	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
1,2-Dibromoethane (EDB)	0.530	0.0600		µg/L	1	7/28/2015 12:31:00 PM
Chlorobenzene	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
Ethylbenzene	27.6	1.00		µg/L	1	7/28/2015 12:31:00 PM
m,p-Xylene	123	10.0	D	µg/L	10	7/28/2015 11:58:00 AM
o-Xylene	78.5	10.0	D	µg/L	10	7/28/2015 11:58:00 AM
Styrene	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
Isopropylbenzene	2.30	1.00		µg/L	1	7/28/2015 12:31:00 PM
Bromoform	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
n-Propylbenzene	7.40	1.00		µg/L	1	7/28/2015 12:31:00 PM
Bromobenzene	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
1,3,5-Trimethylbenzene	24.6	1.00		µg/L	1	7/28/2015 12:31:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
1,2,4-Trichlorobenzene	ND	2.00		µg/L	1	7/28/2015 12:31:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
n-Butylbenzene	3.90	1.00		µg/L	1	7/28/2015 12:31:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	7/28/2015 12:31:00 PM
1,2,4-Trimethylbenzene	104	1.00		µg/L	1	7/28/2015 12:31:00 PM
Hexachlorobutadiene	ND	4.00		µg/L	1	7/28/2015 12:31:00 PM
Naphthalene	122	1.00		µg/L	1	7/28/2015 12:31:00 PM

Analytical Report

WO#: **1507266**
Date Reported: **7/28/2015**

Client: G-Logics
Collection Date: 7/27/2015 10:00:00 AM
Project: Gilman Square
Lab ID: 1507266-001
Matrix: Wastewater
Client Sample ID: **TANK5-WATER**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R23863		Analyst: BC
1,2,3-Trichlorobenzene	ND	4.00		µg/L	1	7/28/2015 12:31:00 PM
Surr: Dibromofluoromethane	82.3	77.4-147		%REC	1	7/28/2015 12:31:00 PM
Surr: Toluene-d8	98.6	40.1-139		%REC	1	7/28/2015 12:31:00 PM
Surr: 1-Bromo-4-fluorobenzene	103	64.2-128		%REC	1	7/28/2015 12:31:00 PM
Total Metals by EPA Method 200.8				Batch ID: 11429		Analyst: TN
Lead	2,780	1.00		µg/L	1	7/28/2015 4:19:14 PM

Work Order: 1507266
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Total Metals by EPA Method 200.8

Sample ID	**MB-11429**	SampType:	**MBLK**			Units:	**µg/L**	Prep Date:	**7/27/2015**	RunNo:	**23866**
Client ID:	**MBLKW**	Batch ID:	**11429**					Analysis Date:	**7/28/2015**	SeqNo:	**452074**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	1.00									

Sample ID	**LCS-11429**	SampType:	**LCS**			Units:	**µg/L**	Prep Date:	**7/27/2015**	RunNo:	**23866**
Client ID:	**LCSW**	Batch ID:	**11429**					Analysis Date:	**7/28/2015**	SeqNo:	**452075**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	52.7	1.00	50.00	0	105	85	115				

Sample ID	**1507262-003CDUP**	SampType:	**DUP**			Units:	**µg/L**	Prep Date:	**7/27/2015**	RunNo:	**23866**
Client ID:	**BATCH**	Batch ID:	**11429**					Analysis Date:	**7/28/2015**	SeqNo:	**452077**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	1.00						0		30	

Sample ID	**1507262-003CMS**	SampType:	**MS**			Units:	**µg/L**	Prep Date:	**7/27/2015**	RunNo:	**23866**
Client ID:	**BATCH**	Batch ID:	**11429**					Analysis Date:	**7/28/2015**	SeqNo:	**452078**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	250	1.00	250.0	0.4645	99.7	70	130				

Sample ID	**1507262-003CMSD**	SampType:	**MSD**			Units:	**µg/L**	Prep Date:	**7/27/2015**	RunNo:	**23866**
Client ID:	**BATCH**	Batch ID:	**11429**					Analysis Date:	**7/28/2015**	SeqNo:	**452079**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	259	1.00	250.0	0.4645	103	70	130	249.6	3.58	30	

Work Order: 1507266
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

1,2-Dibromoethane (EDB) by EPA Method 8011

Sample ID **1507207-002BMS**	SampType: **MS**	Units: **µg/L**	Prep Date: **7/27/2015**	RunNo: **23850**
Client ID: **BATCH**	Batch ID: **11434**		Analysis Date: **7/28/2015**	SeqNo: **451888**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane (EDB)	1.48	0.0131	1.308	0	113	60	140				

Sample ID **LCS-11434**	SampType: **LCS**	Units: **µg/L**	Prep Date: **7/27/2015**	RunNo: **23850**
Client ID: **LCSW**	Batch ID: **11434**		Analysis Date: **7/28/2015**	SeqNo: **451892**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane (EDB)	1.09	0.0100	1.000	0	109	60	140				

Sample ID **LCSD-11434**	SampType: **LCSD**	Units: **µg/L**	Prep Date: **7/27/2015**	RunNo: **23850**
Client ID: **LCSW02**	Batch ID: **11434**		Analysis Date: **7/28/2015**	SeqNo: **451893**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane (EDB)	1.10	0.0100	1.000	0	110	60	140	1.092	0.912	20	

Sample ID **MB-11434**	SampType: **MBLK**	Units: **µg/L**	Prep Date: **7/27/2015**	RunNo: **23850**
Client ID: **MBLKW**	Batch ID: **11434**		Analysis Date: **7/28/2015**	SeqNo: **451894**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane (EDB)	ND	0.0100									

Fremont Analytical

Date: *7/28/2015*

Work Order: 1507266
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

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

Sample ID **1507266-001ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **7/27/2015** RunNo: **23839**
Client ID: **TANK5-WATER** Batch ID: **11431** Analysis Date: **7/27/2015** SeqNo: **451746**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	49.3						0		30	
Diesel Range Organics (C12-C24)	7,000	49.3						6,918	1.23	30	E
Heavy Oil	75,500	98.6						91,340	19.0	30	E
Surr: 2-Fluorobiphenyl	81.9		78.85		104	50	150		0		
Surr: o-Terphenyl	77.5		78.85		98.3	50	150		0		

Sample ID **LCS-11431** SampType: **LCS** Units: **µg/L** Prep Date: **7/27/2015** RunNo: **23839**
Client ID: **LCSW** Batch ID: **11431** Analysis Date: **7/27/2015** SeqNo: **451752**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	947	50.0	1,000	0	94.7	65	135				
Surr: 2-Fluorobiphenyl	84.0		80.00		105	50	150				
Surr: o-Terphenyl	94.6		80.00		118	50	150				

Sample ID **MB-11431** SampType: **MBLK** Units: **µg/L** Prep Date: **7/27/2015** RunNo: **23839**
Client ID: **MBLKW** Batch ID: **11431** Analysis Date: **7/27/2015** SeqNo: **451753**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	50.0									
Heavy Oil	ND	100									
Surr: 2-Fluorobiphenyl	75.4		80.00		94.3	50	150				
Surr: o-Terphenyl	78.7		80.00		98.4	50	150				

Work Order: 1507266
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID **MB-11433** SampType: **MBLK** Units: **µg/L** Prep Date: **7/27/2015** RunNo: **23847**
Client ID: **MBLKW** Batch ID: **11433** Analysis Date: **7/28/2015** SeqNo: **451926**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	0.100									
2-Methylnaphthalene	ND	0.100									
1-Methylnaphthalene	ND	0.100									
Acenaphthylene	ND	0.100									
Acenaphthene	ND	0.100									
Fluorene	ND	0.100									
Phenanthrene	ND	0.100									
Anthracene	ND	0.100									
Fluoranthene	ND	0.100									
Pyrene	ND	0.100									
Benz(a)anthracene	ND	0.100									
Chrysene	ND	0.100									
Benzo(b)fluoranthene	ND	0.100									
Benzo(k)fluoranthene	ND	0.100									
Benzo(a)pyrene	ND	0.100									
Indeno(1,2,3-cd)pyrene	ND	0.100									
Dibenz(a,h)anthracene	ND	0.100									
Benzo(g,h,i)perylene	ND	0.100									
Surr: 2-Fluorobiphenyl	1.66		2.000		82.9	23.9	122				
Surr: Terphenyl-d14	1.84		2.000		92.1	33.4	135				

Sample ID **LCS-11433** SampType: **LCS** Units: **µg/L** Prep Date: **7/27/2015** RunNo: **23847**
Client ID: **LCSW** Batch ID: **11433** Analysis Date: **7/28/2015** SeqNo: **451959**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	2.41	0.100	4.000	0	60.2	26.7	106				
2-Methylnaphthalene	2.73	0.100	4.000	0	68.2	35.4	110				
1-Methylnaphthalene	2.43	0.100	4.000	0	60.8	37.5	116				
Acenaphthylene	2.80	0.100	4.000	0	70.1	39.2	114				
Acenaphthene	2.76	0.100	4.000	0	69.1	37	113				
Fluorene	2.86	0.100	4.000	0	71.5	40.3	117				

Work Order: 1507266
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID **LCS-11433** SampType: **LCS** Units: **µg/L** Prep Date: **7/27/2015** RunNo: **23847**
Client ID: **LCSW** Batch ID: **11433** Analysis Date: **7/28/2015** SeqNo: **451959**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	2.68	0.100	4.000	0	67.0	35.1	118				
Anthracene	2.89	0.100	4.000	0	72.4	45.4	115				
Fluoranthene	2.93	0.100	4.000	0	73.2	47.1	123				
Pyrene	2.84	0.100	4.000	0	71.0	47.6	123				
Benz(a)anthracene	3.20	0.100	4.000	0	80.0	48.7	126				
Chrysene	2.81	0.100	4.000	0	70.3	45.1	114				
Benzo(b)fluoranthene	4.17	0.100	4.000	0	104	52.2	126				
Benzo(k)fluoranthene	2.97	0.100	4.000	0	74.4	45.5	121				
Benzo(a)pyrene	3.36	0.100	4.000	0	84.0	38.4	121				
Indeno(1,2,3-cd)pyrene	3.15	0.100	4.000	0	78.8	23.9	143				
Dibenz(a,h)anthracene	3.65	0.100	4.000	0	91.3	24.9	141				
Benzo(g,h,i)perylene	2.91	0.100	4.000	0	72.8	35.9	139				
Surr: 2-Fluorobiphenyl	1.52		2.000		75.9	23.9	122				
Surr: Terphenyl-d14	1.76		2.000		88.0	33.4	135				

Sample ID **LCSD-11433** SampType: **LCSD** Units: **µg/L** Prep Date: **7/27/2015** RunNo: **23847**
Client ID: **LCSW02** Batch ID: **11433** Analysis Date: **7/28/2015** SeqNo: **451960**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	2.52	0.100	4.000	0	63.0	26.7	106	2.410	4.41	30	
2-Methylnaphthalene	2.84	0.100	4.000	0	71.0	35.4	110	2.727	4.11	30	
1-Methylnaphthalene	2.84	0.100	4.000	0	71.1	37.5	116	2.431	15.7	30	
Acenaphthylene	2.97	0.100	4.000	0	74.3	39.2	114	2.804	5.87	30	
Acenaphthene	2.92	0.100	4.000	0	72.9	37	113	2.763	5.37	30	
Fluorene	2.98	0.100	4.000	0	74.6	40.3	117	2.858	4.25	30	
Phenanthrene	2.77	0.100	4.000	0	69.1	35.1	118	2.682	3.06	30	
Anthracene	3.05	0.100	4.000	0	76.3	45.4	115	2.895	5.27	30	
Fluoranthene	3.05	0.100	4.000	0	76.2	47.1	123	2.927	4.09	30	
Pyrene	2.96	0.100	4.000	0	74.0	47.6	123	2.839	4.15	30	
Benz(a)anthracene	3.34	0.100	4.000	0	83.6	48.7	126	3.199	4.40	30	
Chrysene	3.25	0.100	4.000	0	81.2	45.1	114	2.810	14.4	30	

Work Order: 1507266
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID **LCSD-11433**	SampType: **LCSD**	Units: **µg/L**	Prep Date: **7/27/2015**	RunNo: **23847**	
Client ID: **LCSW02**	Batch ID: **11433**		Analysis Date: **7/28/2015**	SeqNo: **451960**	

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(b)fluoranthene	4.29	0.100	4.000	0	107	52.2	126	4.174	2.65	30	
Benzo(k)fluoranthene	3.19	0.100	4.000	0	79.8	45.5	121	2.974	7.00	30	
Benzo(a)pyrene	3.58	0.100	4.000	0	89.4	38.4	121	3.360	6.22	30	
Indeno(1,2,3-cd)pyrene	3.32	0.100	4.000	0	83.1	23.9	143	3.153	5.23	30	
Dibenz(a,h)anthracene	3.86	0.100	4.000	0	96.5	24.9	141	3.653	5.55	30	
Benzo(g,h,i)perylene	3.02	0.100	4.000	0	75.4	35.9	139	2.912	3.49	30	
Surr: 2-Fluorobiphenyl	1.58		2.000		78.8	23.9	122		0	0	
Surr: Terphenyl-d14	1.82		2.000		90.9	33.4	135		0	0	

Work Order: 1507266
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID **LCS1-11432**	SampType: **LCS**	Units: **µg/L**	Prep Date: **7/27/2015**	RunNo: **23844**
Client ID: **LCSW**	Batch ID: **11432**		Analysis Date: **7/27/2015**	SeqNo: **451859**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.67	0.200	2.000	0	83.6	38.2	129				
Aroclor 1260	2.25	0.200	2.000	0	113	41.2	136				
Surr: Decachlorobiphenyl	547		400.0		137	23.1	172				
Surr: Tetrachloro-m-xylene	283		400.0		70.7	10	125				

Sample ID **LCS1D-11432**	SampType: **LCSD**	Units: **µg/L**	Prep Date: **7/27/2015**	RunNo: **23844**
Client ID: **LCSW02**	Batch ID: **11432**		Analysis Date: **7/27/2015**	SeqNo: **451860**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.96	0.200	2.000	0	97.9	38.2	129	1.671	15.8	20	
Aroclor 1260	2.63	0.200	2.000	0	132	41.2	136	2.252	15.6	20	
Surr: Decachlorobiphenyl	650		400.0		162	23.1	172		0		
Surr: Tetrachloro-m-xylene	303		400.0		75.9	10	125		0		

Sample ID **MB-11432**	SampType: **MBLK**	Units: **µg/L**	Prep Date: **7/27/2015**	RunNo: **23844**
Client ID: **MBLKW**	Batch ID: **11432**		Analysis Date: **7/27/2015**	SeqNo: **451861**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.200									
Aroclor 1221	ND	0.200									
Aroclor 1232	ND	0.200									
Aroclor 1242	ND	0.200									
Aroclor 1248	ND	0.200									
Aroclor 1254	ND	0.200									
Aroclor 1260	ND	0.200									
Aroclor 1262	ND	0.200									
Aroclor 1268	ND	0.200									
Total PCBs	ND	0.200									
Surr: Decachlorobiphenyl	605		400.0		151	23.1	172				
Surr: Tetrachloro-m-xylene	265		400.0		66.2	10	125				

Date: *7/28/2015*

Work Order: 1507266
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID **MB-11432**	SampType: **MBLK**			Units: **µg/L**		Prep Date: **7/27/2015**			RunNo: **23844**			
Client ID: **MBLKW**	Batch ID: **11432**					Analysis Date: **7/27/2015**			SeqNo: **451861**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Fremont Analytical

Date: *7/28/2015*

Work Order: 1507266
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID **LCS-R23865**	SampType: **LCS**	Units: **µg/L**	Prep Date: **7/28/2015**	RunNo: **23865**
Client ID: **LCSW**	Batch ID: **R23865**		Analysis Date: **7/28/2015**	SeqNo: **452057**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	572	50.0	500.0	0	114	65	135				
Surr: Toluene-d8	26.0		25.00		104	65	135				
Surr: 4-Bromofluorobenzene	25.6		25.00		102	65	135				

Sample ID **MB-R23865**	SampType: **MBLK**	Units: **µg/L**	Prep Date: **7/28/2015**	RunNo: **23865**
Client ID: **MBLKW**	Batch ID: **R23865**		Analysis Date: **7/28/2015**	SeqNo: **452059**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	50.0									
Surr: Toluene-d8	25.6		25.00		102	65	135				
Surr: 4-Bromofluorobenzene	25.2		25.00		101	65	135				

Sample ID **LCSD-R23865**	SampType: **LCSD**	Units: **µg/L**	Prep Date: **7/28/2015**	RunNo: **23865**
Client ID: **LCSW02**	Batch ID: **R23865**		Analysis Date: **7/28/2015**	SeqNo: **452060**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	563	50.0	500.0	0	113	65	135	572.3	1.57	20	
Surr: Toluene-d8	25.7		25.00		103	65	135		0	0	
Surr: 4-Bromofluorobenzene	25.5		25.00		102	65	135		0	0	

Work Order: 1507266
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID **LCS- R23863** SampType: **LCS** Units: **µg/L** Prep Date: **7/28/2015** RunNo: **23863**
Client ID: **LCSW** Batch ID: **R23863** Analysis Date: **7/28/2015** SeqNo: **452037**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	21.0	1.00	20.00	0	105	43	136				
Chloromethane	19.5	1.00	20.00	0	97.3	43.9	139				
Vinyl chloride	20.8	0.200	20.00	0	104	53.6	139				
Bromomethane	23.9	1.00	20.00	0	120	42.5	152				
Trichlorofluoromethane (CFC-11)	22.3	1.00	20.00	0	112	63.7	133				
Chloroethane	19.7	1.00	20.00	0	98.6	53	141				
1,1-Dichloroethene	18.0	1.00	20.00	0	89.8	65.6	136				
Methylene chloride	18.3	1.00	20.00	0	91.7	67.1	131				
trans-1,2-Dichloroethene	21.5	1.00	20.00	0	107	71.7	129				
Methyl tert-butyl ether (MTBE)	29.0	1.00	20.00	0	145	67.7	131				S
1,1-Dichloroethane	22.2	1.00	20.00	0	111	67.9	134				
2,2-Dichloropropane	29.7	2.00	20.00	0	149	33.7	152				
cis-1,2-Dichloroethene	21.3	1.00	20.00	0	106	71.1	130				
Chloroform	21.3	1.00	20.00	0	107	66.3	131				
1,1,1-Trichloroethane (TCA)	23.0	1.00	20.00	0	115	71	131				
1,1-Dichloropropene	20.7	1.00	20.00	0	103	74.5	126				
Carbon tetrachloride	24.8	1.00	20.00	0	124	66.2	134				
1,2-Dichloroethane (EDC)	20.2	1.00	20.00	0	101	68.8	123				
Benzene	20.6	1.00	20.00	0	103	69.3	132				
Trichloroethene (TCE)	21.8	0.500	20.00	0	109	65.2	136				
1,2-Dichloropropane	22.1	1.00	20.00	0	110	70.5	130				
Bromodichloromethane	19.4	1.00	20.00	0	96.9	67.2	137				
Dibromomethane	23.0	1.00	20.00	0	115	75.5	126				
cis-1,3-Dichloropropene	23.3	1.00	20.00	0	117	62.6	137				
Toluene	20.8	1.00	20.00	0	104	61.3	145				
trans-1,3-Dichloropropene	23.8	1.00	20.00	0	119	58.5	142				
1,1,2-Trichloroethane	21.1	1.00	20.00	0	105	71.7	131				
1,3-Dichloropropane	22.0	1.00	20.00	0	110	73.5	127				
Tetrachloroethene (PCE)	21.4	1.00	20.00	0	107	47.5	147				
Dibromochloromethane	21.4	1.00	20.00	0	107	67.2	134				
1,2-Dibromoethane (EDB)	22.8	0.0600	20.00	0	114	73.6	125				

Work Order: 1507266
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID **LCS- R23863** SampType: **LCS** Units: **µg/L** Prep Date: **7/28/2015** RunNo: **23863**
Client ID: **LCSW** Batch ID: **R23863** Analysis Date: **7/28/2015** SeqNo: **452037**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	20.9	1.00	20.00	0	104	73.9	126				
1,1,1,2-Tetrachloroethane	22.5	1.00	20.00	0	112	76.8	124				
Ethylbenzene	20.8	1.00	20.00	0	104	72	130				
m,p-Xylene	41.0	1.00	40.00	0	103	70.3	134				
o-Xylene	20.7	1.00	20.00	0	104	72.1	131				
Styrene	22.0	1.00	20.00	0	110	64.3	140				
Isopropylbenzene	21.8	1.00	20.00	0	109	73.9	128				
Bromoform	21.5	1.00	20.00	0	108	63.8	135				
1,1,2,2-Tetrachloroethane	20.9	1.00	20.00	0	105	62.9	132				
n-Propylbenzene	22.0	1.00	20.00	0	110	74.5	127				
Bromobenzene	20.8	1.00	20.00	0	104	71	131				
1,3,5-Trimethylbenzene	21.9	1.00	20.00	0	109	73.1	128				
2-Chlorotoluene	21.2	1.00	20.00	0	106	70.8	130				
4-Chlorotoluene	21.5	1.00	20.00	0	108	70.1	131				
tert-Butylbenzene	21.4	1.00	20.00	0	107	68.2	131				
1,2,3-Trichloropropane	20.1	1.00	20.00	0	101	67.7	131				
1,2,4-Trichlorobenzene	21.7	2.00	20.00	0	109	67.6	129				
sec-Butylbenzene	22.1	1.00	20.00	0	110	72	129				
4-Isopropyltoluene	22.1	1.00	20.00	0	111	69.2	130				
1,3-Dichlorobenzene	20.4	1.00	20.00	0	102	72.4	129				
1,4-Dichlorobenzene	20.0	1.00	20.00	0	100	70.6	128				
n-Butylbenzene	22.0	1.00	20.00	0	110	73.8	127				
1,2-Dichlorobenzene	20.2	1.00	20.00	0	101	74.2	129				
1,2-Dibromo-3-chloropropane	21.3	1.00	20.00	0	106	63.1	136				
1,2,4-Trimethylbenzene	21.6	1.00	20.00	0	108	73.4	127				
Hexachlorobutadiene	21.9	4.00	20.00	0	110	58.6	138				
Naphthalene	21.8	1.00	20.00	0	109	45.2	144				
1,2,3-Trichlorobenzene	21.5	4.00	20.00	0	108	50.2	139				
Surr: Dibromofluoromethane	26.2		25.00		105	77.4	147				
Surr: Toluene-d8	25.3		25.00		101	40.1	139				
Surr: 1-Bromo-4-fluorobenzene	25.2		25.00		101	64.2	128				

Work Order: 1507266
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID **LCS- R23863** SampType: **LCS** Units: **µg/L** Prep Date: **7/28/2015** RunNo: **23863**
Client ID: **LCSW** Batch ID: **R23863** Analysis Date: **7/28/2015** SeqNo: **452037**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

NOTES:
S - Outlying spike recovery observed for tert-Butyl Methyl Ether (high bias). Sample is non-detect, no further action required.

Sample ID **LCSD-R23863** SampType: **LCSD** Units: **µg/L** Prep Date: **7/28/2015** RunNo: **23863**
Client ID: **LCSW02** Batch ID: **R23863** Analysis Date: **7/28/2015** SeqNo: **452039**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	19.7	1.00	20.00	0	98.3	43	136	21.04	6.80	20	
Chloromethane	17.2	1.00	20.00	0	86.2	43.9	139	19.45	12.1	20	
Vinyl chloride	19.9	0.200	20.00	0	99.5	53.6	139	20.85	4.62	20	
Bromomethane	26.3	1.00	20.00	0	132	42.5	152	23.94	9.58	20	
Trichlorofluoromethane (CFC-11)	21.8	1.00	20.00	0	109	63.7	133	22.33	2.17	20	
Chloroethane	19.5	1.00	20.00	0	97.5	53	141	19.72	1.12	20	
1,1-Dichloroethene	15.7	1.00	20.00	0	78.5	65.6	136	17.96	13.5	20	
Methylene chloride	17.9	1.00	20.00	0	89.7	67.1	131	18.34	2.23	20	
trans-1,2-Dichloroethene	21.4	1.00	20.00	0	107	71.7	129	21.50	0.297	20	
Methyl tert-butyl ether (MTBE)	56.2	1.00	20.00	0	281	67.7	131	29.01	63.8	20	RS
1,1-Dichloroethane	22.4	1.00	20.00	0	112	67.9	134	22.23	0.805	20	
2,2-Dichloropropane	80.5	2.00	20.00	0	403	33.7	152	29.71	92.2	20	RS
cis-1,2-Dichloroethene	21.4	1.00	20.00	0	107	71.1	130	21.29	0.575	20	
Chloroform	21.2	1.00	20.00	0	106	66.3	131	21.32	0.596	20	
1,1,1-Trichloroethane (TCA)	25.5	1.00	20.00	0	127	71	131	22.96	10.3	20	
1,1-Dichloropropene	20.4	1.00	20.00	0	102	74.5	126	20.68	1.25	20	
Carbon tetrachloride	29.1	1.00	20.00	0	145	66.2	134	24.78	15.9	20	S
1,2-Dichloroethane (EDC)	20.7	1.00	20.00	0	104	68.8	123	20.23	2.43	20	
Benzene	20.6	1.00	20.00	0	103	69.3	132	20.64	0.141	20	
Trichloroethene (TCE)	21.1	0.500	20.00	0	106	65.2	136	21.76	3.01	20	
1,2-Dichloropropane	22.5	1.00	20.00	0	113	70.5	130	22.06	2.18	20	
Bromodichloromethane	19.3	1.00	20.00	0	96.5	74.6	127	19.38	0.433	20	
Dibromomethane	23.8	1.00	20.00	0	119	75.5	126	22.99	3.50	20	
cis-1,3-Dichloropropene	27.4	1.00	20.00	0	137	62.6	137	23.31	16.2	20	S
Toluene	21.0	1.00	20.00	0	105	61.3	145	20.83	0.708	20	

Work Order: 1507266
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID **LCSD-R23863** SampType: **LCSD** Units: **µg/L** Prep Date: **7/28/2015** RunNo: **23863**
Client ID: **LCSW02** Batch ID: **R23863** Analysis Date: **7/28/2015** SeqNo: **452039**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropene	31.9	1.00	20.00	0	160	58.5	142	23.79	29.3	20	RS
1,1,2-Trichloroethane	21.7	1.00	20.00	0	108	71.7	131	21.06	2.98	20	
1,3-Dichloropropane	23.2	1.00	20.00	0	116	73.5	127	22.00	5.40	20	
Tetrachloroethene (PCE)	21.6	1.00	20.00	0	108	47.5	147	21.41	0.778	20	
Dibromochloromethane	22.4	1.00	20.00	0	112	67.2	134	21.36	4.82	20	
1,2-Dibromoethane (EDB)	25.6	0.0600	20.00	0	128	73.6	125	22.85	11.4	20	S
Chlorobenzene	21.0	1.00	20.00	0	105	73.9	126	20.88	0.664	20	
1,1,1,2-Tetrachloroethane	25.2	1.00	20.00	0	126	76.8	124	22.46	11.4	20	S
Ethylbenzene	20.8	1.00	20.00	0	104	72	130	20.83	0.0384	20	
m,p-Xylene	41.3	1.00	40.00	0	103	70.3	134	41.04	0.556	20	
o-Xylene	20.6	1.00	20.00	0	103	72.1	131	20.74	0.433	20	
Styrene	22.1	1.00	20.00	0	111	64.3	140	22.02	0.516	20	
Isopropylbenzene	21.8	1.00	20.00	0	109	73.9	128	21.77	0.0735	20	
Bromoform	23.4	1.00	20.00	0	117	63.8	135	21.53	8.51	20	
1,1,2,2-Tetrachloroethane	22.2	1.00	20.00	0	111	62.9	132	20.95	5.82	20	
n-Propylbenzene	21.8	1.00	20.00	0	109	74.5	127	21.95	0.859	20	
Bromobenzene	20.8	1.00	20.00	0	104	71	131	20.84	0.405	20	
1,3,5-Trimethylbenzene	21.5	1.00	20.00	0	108	73.1	128	21.86	1.57	20	
2-Chlorotoluene	21.2	1.00	20.00	0	106	70.8	130	21.25	0.0848	20	
4-Chlorotoluene	21.5	1.00	20.00	0	108	70.1	131	21.54	0.140	20	
tert-Butylbenzene	21.1	1.00	20.00	0	106	68.2	131	21.41	1.26	20	
1,2,3-Trichloropropane	20.9	1.00	20.00	0	105	67.7	131	20.11	4.04	20	
1,2,4-Trichlorobenzene	22.0	2.00	20.00	0	110	72.4	127	21.71	1.42	20	
sec-Butylbenzene	21.9	1.00	20.00	0	110	72	129	22.09	0.776	20	
4-Isopropyltoluene	22.1	1.00	20.00	0	110	69.2	130	22.11	0.178	20	
1,3-Dichlorobenzene	20.5	1.00	20.00	0	102	72.4	129	20.42	0.209	20	
1,4-Dichlorobenzene	20.1	1.00	20.00	0	101	70.6	128	20.01	0.493	20	
n-Butylbenzene	22.0	1.00	20.00	0	110	73.8	127	21.99	0.130	20	
1,2-Dichlorobenzene	20.6	1.00	20.00	0	103	74.2	129	20.24	1.70	20	
1,2-Dibromo-3-chloropropane	22.2	1.00	20.00	0	111	63.1	136	21.29	4.38	20	
1,2,4-Trimethylbenzene	21.5	1.00	20.00	0	107	73.4	127	21.58	0.375	20	

Work Order: 1507266
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID **LCSD-R23863** SampType: **LCSD** Units: **µg/L** Prep Date: **7/28/2015** RunNo: **23863**
Client ID: **LCSW02** Batch ID: **R23863** Analysis Date: **7/28/2015** SeqNo: **452039**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	21.7	4.00	20.00	0	109	58.6	138	21.91	0.742	20	
Naphthalene	22.6	1.00	20.00	0	113	45.2	144	21.83	3.45	20	
1,2,3-Trichlorobenzene	22.2	4.00	20.00	0	111	50.2	139	21.51	3.32	20	
Surr: Dibromofluoromethane	27.1		25.00		108	77.4	147		0		
Surr: Toluene-d8	25.5		25.00		102	40.1	139		0		
Surr: 1-Bromo-4-fluorobenzene	24.9		25.00		99.8	64.2	128		0		

NOTES:
SR - Outlying spike recovery and high RPD observed. The method is in control as indicated by the LCS and MB.

Sample ID **MB-R23863** SampType: **MBLK** Units: **µg/L** Prep Date: **7/28/2015** RunNo: **23863**
Client ID: **MBLKW** Batch ID: **R23863** Analysis Date: **7/28/2015** SeqNo: **452040**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane (CFC-12)	ND	1.00									
Chloromethane	ND	1.00									
Vinyl chloride	ND	0.200									
Bromomethane	ND	1.00									
Trichlorofluoromethane (CFC-11)	ND	1.00									
Chloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
Methylene chloride	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Methyl tert-butyl ether (MTBE)	ND	1.00									
1,1-Dichloroethane	ND	1.00									
2,2-Dichloropropane	ND	2.00									
cis-1,2-Dichloroethene	ND	1.00									
Chloroform	ND	1.00									
1,1,1-Trichloroethane (TCA)	ND	1.00									
1,1-Dichloropropene	ND	1.00									
Carbon tetrachloride	ND	1.00									
1,2-Dichloroethane (EDC)	ND	1.00									
Benzene	ND	1.00									

Work Order: 1507266
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID **MB-R23863** SampType: **MBLK** Units: **µg/L** Prep Date: **7/28/2015** RunNo: **23863**
Client ID: **MBLKW** Batch ID: **R23863** Analysis Date: **7/28/2015** SeqNo: **452040**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene (TCE)	ND	0.500									
1,2-Dichloropropane	ND	1.00									
Bromodichloromethane	ND	1.00									
Dibromomethane	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Toluene	ND	1.00									
trans-1,3-Dichloropropene	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,3-Dichloropropane	ND	1.00									
Tetrachloroethene (PCE)	ND	1.00									
Dibromochloromethane	ND	1.00									
1,2-Dibromoethane (EDB)	ND	0.0600									
Chlorobenzene	ND	1.00									
1,1,1,2-Tetrachloroethane	ND	1.00									
Ethylbenzene	ND	1.00									
m,p-Xylene	ND	1.00									
o-Xylene	ND	1.00									
Styrene	ND	1.00									
Isopropylbenzene	ND	1.00									
Bromoform	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
n-Propylbenzene	ND	1.00									
Bromobenzene	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
2-Chlorotoluene	ND	1.00									
4-Chlorotoluene	ND	1.00									
tert-Butylbenzene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	2.00									
sec-Butylbenzene	ND	1.00									
4-Isopropyltoluene	ND	1.00									

Fremont Analytical

Date: *7/28/2015*

Work Order: 1507266
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID **MB-R23863** SampType: **MBLK** Units: **µg/L** Prep Date: **7/28/2015** RunNo: **23863**
Client ID: **MBLKW** Batch ID: **R23863** Analysis Date: **7/28/2015** SeqNo: **452040**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichlorobenzene	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
n-Butylbenzene	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2,4-Trimethylbenzene	ND	1.00									
Hexachlorobutadiene	ND	4.00									
Naphthalene	ND	1.00									
1,2,3-Trichlorobenzene	ND	4.00									
Surr: Dibromofluoromethane	24.2		25.00		96.8	77.4	147				
Surr: Toluene-d8	24.6		25.00		98.4	40.1	139				
Surr: 1-Bromo-4-fluorobenzene	24.8		25.00		99.2	64.2	128				

Sample Log-In Check List

Client Name:	**GL**	Work Order Number:	**1507266**
Logged by:	**Erica Silva**	Date Received:	**7/27/2015 11:49:00 AM**

Chain of Custody

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

Log In

3.	Coolers are present?	Yes ☑	No ☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes ☑	No ☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes ☐	No ☐	Not Required ☑
6.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
7.	Were all items received at a temperature of >0°C to 10.0°C *	Yes ☑	No ☐	NA ☐
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)

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

Person Notified: _____ Date _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Cooler	6.6
Sample	8.2

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

Fremont Analytical

Chain of Custody Record

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

Laboratory Project No (internal): 1507266

Date: 7/27/15 Page: 1 of: 1

Client: G-Logics
Address: 40 2nd Ave SE
City, State, Zip: Issaquah
Tel: 425-391-6874 Fax:

Project Name: Gilman Square
Project No: 01-0868-J Collected by: SH
Location: Issaquah
Reports To (PM): SH
Email: stuarth@g-logics

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

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOC (EPA 8260)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SEMI VOL (EPA 8270)	PAH (EPA 8270 - SIM)	PCBs (EPA 8082)	Metals** (6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	EDC			Comments/Depth
1	TANKS-WATER	7/27	1000	WW	X			X		X		X	X				X	X				Dx, Gx, VOC @ ASAP * Others 24-hr
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						

**Metals Analysis (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

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)

Turn-around times for samples received after 4:00pm will begin on the following business day.

Special Remarks:

Relinquished	Date/Time	Received	Date/Time
x [signature]	7/27/15 1149	x [signature]	07/27/15 11:49
Relinquished	Date/Time	Received	Date/Time
x		x	

TAT -> SameDay^ NextDay^ 2 Day 3 Day STD

^Please coordinate with the lab in advance

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

G-Logics
Stuart Hyde
40 Second Ave. SE
Issaquah, WA 98027

RE: Gilman Square
Lab ID: 1507326

August 03, 2015

Attention Stuart Hyde:

Fremont Analytical, Inc. received 2 sample(s) on 7/31/2015 for the analyses presented in the following report.

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)
Sample Moisture (Percent Moisture)
Total Metals by EPA Method 6020

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,

Mike Ridgeway
President

Date: *08/03/2015*

CLIENT: G-Logics
Project: Gilman Square
Lab Order: 1507326

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1507326-001	F-5-6.5'	07/31/2015 9:25 AM	07/31/2015 10:20 AM
1507326-002	ESW-5-6'	07/31/2015 9:30 AM	07/31/2015 10:20 AM

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

Case Narrative

WO#: **1507326**
Date: **8/3/2015**

CLIENT: G-Logics
Project: Gilman Square

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.

Qualifiers & Acronyms

WO#: **1507326**
Date Reported: **8/3/2015**

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 LOQ
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

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
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
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

WO#: **1507326**
Date Reported: **8/3/2015**

Client: G-Logics
Collection Date: 7/31/2015 9:25:00 AM
Project: Gilman Square
Lab ID: 1507326-001
Matrix: Soil
Client Sample ID: F-5-6.5'

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 11475		Analyst: NG
Naphthalene	ND	62.9		µg/Kg-dry	1	7/31/2015 5:52:00 PM
2-Methylnaphthalene	ND	62.9		µg/Kg-dry	1	7/31/2015 5:52:00 PM
1-Methylnaphthalene	ND	62.9		µg/Kg-dry	1	7/31/2015 5:52:00 PM
Acenaphthylene	ND	62.9		µg/Kg-dry	1	7/31/2015 5:52:00 PM
Acenaphthene	ND	62.9		µg/Kg-dry	1	7/31/2015 5:52:00 PM
Fluorene	ND	62.9		µg/Kg-dry	1	7/31/2015 5:52:00 PM
Phenanthrene	ND	62.9		µg/Kg-dry	1	7/31/2015 5:52:00 PM
Anthracene	ND	62.9		µg/Kg-dry	1	7/31/2015 5:52:00 PM
Fluoranthene	ND	62.9		µg/Kg-dry	1	7/31/2015 5:52:00 PM
Pyrene	ND	62.9		µg/Kg-dry	1	7/31/2015 5:52:00 PM
Benz(a)anthracene	ND	62.9		µg/Kg-dry	1	7/31/2015 5:52:00 PM
Chrysene	ND	62.9		µg/Kg-dry	1	7/31/2015 5:52:00 PM
Benzo(b)fluoranthene	ND	62.9		µg/Kg-dry	1	7/31/2015 5:52:00 PM
Benzo(k)fluoranthene	ND	62.9		µg/Kg-dry	1	7/31/2015 5:52:00 PM
Benzo(a)pyrene	ND	62.9		µg/Kg-dry	1	7/31/2015 5:52:00 PM
Indeno(1,2,3-cd)pyrene	ND	62.9		µg/Kg-dry	1	7/31/2015 5:52:00 PM
Dibenz(a,h)anthracene	ND	62.9		µg/Kg-dry	1	7/31/2015 5:52:00 PM
Benzo(g,h,i)perylene	ND	62.9		µg/Kg-dry	1	7/31/2015 5:52:00 PM
Surr: 2-Fluorobiphenyl	105	35.3-142		%REC	1	7/31/2015 5:52:00 PM
Surr: Terphenyl-d14 (surr)	116	48.8-157		%REC	1	7/31/2015 5:52:00 PM
Total Metals by EPA Method 6020				Batch ID: 11472		Analyst: TN
Lead	1.99	0.200		mg/Kg-dry	1	7/31/2015 2:42:51 PM
Sample Moisture (Percent Moisture)				Batch ID: R23932		Analyst: CG
Percent Moisture	22.6	0.500		wt%	1	7/31/2015 12:52:39 PM

Analytical Report

WO#: **1507326**
Date Reported: **8/3/2015**

Client: G-Logics
Collection Date: 7/31/2015 9:30:00 AM
Project: Gilman Square
Lab ID: 1507326-002
Matrix: Soil
Client Sample ID: ESW-5-6'

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 11475		Analyst: NG
Naphthalene	ND	61.1		µg/Kg-dry	1	7/31/2015 6:53:00 PM
2-Methylnaphthalene	ND	61.1		µg/Kg-dry	1	7/31/2015 6:53:00 PM
1-Methylnaphthalene	ND	61.1		µg/Kg-dry	1	7/31/2015 6:53:00 PM
Acenaphthylene	ND	61.1		µg/Kg-dry	1	7/31/2015 6:53:00 PM
Acenaphthene	ND	61.1		µg/Kg-dry	1	7/31/2015 6:53:00 PM
Fluorene	ND	61.1		µg/Kg-dry	1	7/31/2015 6:53:00 PM
Phenanthrene	ND	61.1		µg/Kg-dry	1	7/31/2015 6:53:00 PM
Anthracene	ND	61.1		µg/Kg-dry	1	7/31/2015 6:53:00 PM
Fluoranthene	ND	61.1		µg/Kg-dry	1	7/31/2015 6:53:00 PM
Pyrene	ND	61.1		µg/Kg-dry	1	7/31/2015 6:53:00 PM
Benz(a)anthracene	ND	61.1		µg/Kg-dry	1	7/31/2015 6:53:00 PM
Chrysene	ND	61.1		µg/Kg-dry	1	7/31/2015 6:53:00 PM
Benzo(b)fluoranthene	ND	61.1		µg/Kg-dry	1	7/31/2015 6:53:00 PM
Benzo(k)fluoranthene	ND	61.1		µg/Kg-dry	1	7/31/2015 6:53:00 PM
Benzo(a)pyrene	ND	61.1		µg/Kg-dry	1	7/31/2015 6:53:00 PM
Indeno(1,2,3-cd)pyrene	ND	61.1		µg/Kg-dry	1	7/31/2015 6:53:00 PM
Dibenz(a,h)anthracene	ND	61.1		µg/Kg-dry	1	7/31/2015 6:53:00 PM
Benzo(g,h,i)perylene	ND	61.1		µg/Kg-dry	1	7/31/2015 6:53:00 PM
Surr: 2-Fluorobiphenyl	92.7	35.3-142		%REC	1	7/31/2015 6:53:00 PM
Surr: Terphenyl-d14 (surr)	104	48.8-157		%REC	1	7/31/2015 6:53:00 PM
Total Metals by EPA Method 6020				Batch ID: 11472		Analyst: TN
Lead	8.88	0.184		mg/Kg-dry	1	7/31/2015 3:11:06 PM
Sample Moisture (Percent Moisture)				Batch ID: R23932		Analyst: CG
Percent Moisture	20.5	0.500		wt%	1	7/31/2015 12:52:39 PM

Date: *8/3/2015*

Work Order: 1507326
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Total Metals by EPA Method 6020

Sample ID: **MB-11472**	SampType: **MBLK**			Units: **mg/Kg**		Prep Date: **7/31/2015**			RunNo: **23942**		
Client ID: **MBLKS**	Batch ID: **11472**					Analysis Date: **7/31/2015**			SeqNo: **453388**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.200									

Sample ID: **LCS-11472**	SampType: **LCS**			Units: **mg/Kg**		Prep Date: **7/31/2015**			RunNo: **23942**		
Client ID: **LCSS**	Batch ID: **11472**					Analysis Date: **7/31/2015**			SeqNo: **453389**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	25.8	0.200	25.00	0	103	80	120				

Sample ID: **1507326-001ADUP**	SampType: **DUP**			Units: **mg/Kg-dry**		Prep Date: **7/31/2015**			RunNo: **23942**		
Client ID: **F-5-6.5'**	Batch ID: **11472**					Analysis Date: **7/31/2015**			SeqNo: **453391**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.22	0.199						1.992	11.0	20	

Sample ID: **1507326-001AMS**	SampType: **MS**			Units: **mg/Kg-dry**		Prep Date: **7/31/2015**			RunNo: **23942**		
Client ID: **F-5-6.5'**	Batch ID: **11472**					Analysis Date: **7/31/2015**			SeqNo: **453393**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	27.6	0.199	24.83	1.992	103	75	125				

Sample ID: **1507326-001AMSD**	SampType: **MSD**			Units: **mg/Kg-dry**		Prep Date: **7/31/2015**			RunNo: **23942**		
Client ID: **F-5-6.5'**	Batch ID: **11472**					Analysis Date: **7/31/2015**			SeqNo: **453394**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	28.3	0.199	24.83	1.992	106	75	125	27.63	2.32	20	

Fremont Analytical

Date: *8/3/2015*

Work Order: 1507326
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **1507326-001ADUP** SampType: **DUP** Units: **µg/Kg-dry** Prep Date: **7/31/2015** RunNo: **23952**
Client ID: **F-5-6.5'** Batch ID: **11475** Analysis Date: **7/31/2015** SeqNo: **453594**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	62.7						0		30	
2-Methylnaphthalene	ND	62.7						0		30	
1-Methylnaphthalene	ND	62.7						0		30	
Acenaphthylene	ND	62.7						0		30	
Acenaphthene	ND	62.7						0		30	
Fluorene	ND	62.7						0		30	
Phenanthrene	ND	62.7						0		30	
Anthracene	ND	62.7						0		30	
Fluoranthene	ND	62.7						0		30	
Pyrene	ND	62.7						0		30	
Benz(a)anthracene	ND	62.7						0		30	
Chrysene	ND	62.7						0		30	
Benzo(b)fluoranthene	ND	62.7						0		30	
Benzo(k)fluoranthene	ND	62.7						0		30	
Benzo(a)pyrene	ND	62.7						0		30	
Indeno(1,2,3-cd)pyrene	ND	62.7						0		30	
Dibenz(a,h)anthracene	ND	62.7						0		30	
Benzo(g,h,i)perylene	ND	62.7						0		30	
Surr: 2-Fluorobiphenyl	477		626.9		76.1	35.3	142		0		
Surr: Terphenyl-d14 (surr)	677		626.9		108	48.8	157		0		

Sample ID: **1507326-002AMS** SampType: **MS** Units: **µg/Kg-dry** Prep Date: **7/31/2015** RunNo: **23952**
Client ID: **ESW-5-6'** Batch ID: **11475** Analysis Date: **7/31/2015** SeqNo: **453596**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	985	61.0	1,220	0	80.7	42.9	138				
2-Methylnaphthalene	1,150	61.0	1,220	0	94.5	42.8	151				
1-Methylnaphthalene	1,150	61.0	1,220	0	93.8	41.6	148				
Acenaphthylene	1,070	61.0	1,220	0	87.9	32.6	160				
Acenaphthene	1,050	61.0	1,220	0	86.2	46.3	142				
Fluorene	1,070	61.0	1,220	0	87.8	43.4	153				

Fremont Analytical

Date: *8/3/2015*

Work Order: 1507326
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **1507326-002AMS** SampType: **MS** Units: **µg/Kg-dry** Prep Date: **7/31/2015** RunNo: **23952**
Client ID: **ESW-5-6'** Batch ID: **11475** Analysis Date: **7/31/2015** SeqNo: **453596**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	957	61.0	1,220	0	78.4	45.5	140				
Anthracene	1,070	61.0	1,220	0	87.7	32.6	160				
Fluoranthene	1,070	61.0	1,220	0	88.0	44.6	161				
Pyrene	1,050	61.0	1,220	0	86.0	48.3	158				
Benz(a)anthracene	1,110	61.0	1,220	0	90.8	57.5	169				
Chrysene	1,000	61.0	1,220	0	82.0	45.2	146				
Benzo(b)fluoranthene	1,350	61.0	1,220	0	110	42.2	168				
Benzo(k)fluoranthene	1,060	61.0	1,220	0	86.8	48	161				
Benzo(a)pyrene	1,140	61.0	1,220	0	93.3	34.4	179				
Indeno(1,2,3-cd)pyrene	1,070	61.0	1,220	0	87.7	41.1	165				
Dibenz(a,h)anthracene	1,290	61.0	1,220	0	106	38.1	166				
Benzo(g,h,i)perylene	908	61.0	1,220	0	74.4	45.6	157				
Surr: 2-Fluorobiphenyl	530		610.2		86.9	35.3	142				
Surr: Terphenyl-d14 (surr)	664		610.2		109	48.8	157				

Sample ID: **LCS-11475** SampType: **LCS** Units: **µg/Kg** Prep Date: **7/31/2015** RunNo: **23952**
Client ID: **LCSS** Batch ID: **11475** Analysis Date: **7/31/2015** SeqNo: **453598**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	842	50.0	1,000	0	84.2	61.6	125				
2-Methylnaphthalene	921	50.0	1,000	0	92.1	58.2	129				
1-Methylnaphthalene	815	50.0	1,000	0	81.5	56.4	132				
Acenaphthylene	842	50.0	1,000	0	84.2	52.2	133				
Acenaphthene	828	50.0	1,000	0	82.8	54	131				
Fluorene	847	50.0	1,000	0	84.7	53.4	131				
Phenanthrene	734	50.0	1,000	0	73.4	55.6	128				
Anthracene	827	50.0	1,000	0	82.7	51	132				
Fluoranthene	831	50.0	1,000	0	83.1	48.4	134				
Pyrene	817	50.0	1,000	0	81.7	48.6	135				
Benz(a)anthracene	875	50.0	1,000	0	87.5	41.9	136				
Chrysene	905	50.0	1,000	0	90.5	51.4	135				

Date: *8/3/2015*

Work Order: 1507326
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **LCS-11475** SampType: **LCS** Units: **µg/Kg** Prep Date: **7/31/2015** RunNo: **23952**
Client ID: **LCSS** Batch ID: **11475** Analysis Date: **7/31/2015** SeqNo: **453598**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(b)fluoranthene	1,100	50.0	1,000	0	110	39.7	137				
Benzo(k)fluoranthene	792	50.0	1,000	0	79.2	45.7	138				
Benzo(a)pyrene	904	50.0	1,000	0	90.4	40.9	141				
Indeno(1,2,3-cd)pyrene	821	50.0	1,000	0	82.1	41	140				
Dibenz(a,h)anthracene	978	50.0	1,000	0	97.8	37.6	140				
Benzo(g,h,i)perylene	696	50.0	1,000	0	69.6	45	134				
Surr: 2-Fluorobiphenyl	449		500.0		89.7	35.3	142				
Surr: Terphenyl-d14 (surr)	508		500.0		102	48.8	157				

Sample ID: **MB-11475** SampType: **MBLK** Units: **µg/Kg** Prep Date: **7/31/2015** RunNo: **23952**
Client ID: **MBLKS** Batch ID: **11475** Analysis Date: **7/31/2015** SeqNo: **453599**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	50.0									
2-Methylnaphthalene	ND	50.0									
1-Methylnaphthalene	ND	50.0									
Acenaphthylene	ND	50.0									
Acenaphthene	ND	50.0									
Fluorene	ND	50.0									
Phenanthrene	ND	50.0									
Anthracene	ND	50.0									
Fluoranthene	ND	50.0									
Pyrene	ND	50.0									
Benz(a)anthracene	ND	50.0									
Chrysene	ND	50.0									
Benzo(b)fluoranthene	ND	50.0									
Benzo(k)fluoranthene	ND	50.0									
Benzo(a)pyrene	ND	50.0									
Indeno(1,2,3-cd)pyrene	ND	50.0									
Dibenz(a,h)anthracene	ND	50.0									
Benzo(g,h,i)perylene	ND	50.0									

Date: *8/3/2015*

Work Order: 1507326
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **MB-11475** SampType: **MBLK** Units: **µg/Kg** Prep Date: **7/31/2015** RunNo: **23952**
Client ID: **MBLKS** Batch ID: **11475** Analysis Date: **7/31/2015** SeqNo: **453599**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorobiphenyl	859		1,000		85.9	35.3	142				
Surr: Terphenyl-d14 (surr)	961		1,000		96.1	48.8	157				

Date: *8/3/2015*

Work Order: 1507326
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Sample Moisture (Percent Moisture)

Sample ID: **1507326-001ADUP** SampType: **DUP** Units: **wt%** Prep Date: **7/31/2015** RunNo: **23932**
Client ID: **F-5-6.5'** Batch ID: **R23932** Analysis Date: **7/31/2015** SeqNo: **453246**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	23.6	0.500						22.56	4.38	20	

Sample Log-In Check List

Client Name:	**GL**	Work Order Number:	**1507326**
Logged by:	**Erica Silva**	Date Received:	**7/31/2015 10:20:00 AM**

Chain of Custody

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

Log In

3.	Coolers are present?	Yes ☑	No ☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes ☑	No ☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes ☐	No ☐	Not Required ☑
6.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
7.	Were all items received at a temperature of >0°C to 10.0°C *	Yes ☐	No ☑	NA ☐
	Samples received straight from field			
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)

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

Person Notified:		Date:	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

19. Additional remarks:

Item Information

Item #	Temp °C
Cooler	18.5
Sample	19.9

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

Chain of Custody Record

Fremont Analytical

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

Laboratory Project No (internal): 1507326

Date: 7/31/15

Page: 1 of: 1

Client: G-LOGICS

Address:

City, State, Zip Tel:

Reports To (PM): STUART HYDE Fax:

Project Name: GILMAN SQUARE

Location:

Collected by:

Email: Project No:

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

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOC (EPA 8260)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SEMI VOL (EPA 8270)	PAH (EPA 8270 - SIM)	PCBs (EPA 8082)	Metals** (6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Comments/Depth
1	F-5-6.5'	7/31/15	0925	S							X		X	T				
2	ESW-5-6'	↓	093	↓							X		X					
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		

**Metals Analysis (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

Special Remarks:

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)

Relinquished	Date/Time	Received	Date/Time
x	7/31/15 1020	x	7/31/15 1020
Relinquished	Date/Time	Received	Date/Time
x		x	

TAT -> SameDay^ NextDay^ 2 Day 3 Day STD

^Please coordinate with the lab in advance

Distribution: White - Lab, Yellow - File, Pink - Originator

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

G-Logics
Stuart Hyde
40 Second Ave. SE
Issaquah, WA 98027

RE: Gilman
Lab ID: 1508001

August 04, 2015

Attention Stuart Hyde:

Fremont Analytical, Inc. received 1 sample(s) on 8/3/2015 for the analyses presented in the following report.

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)
Sample Moisture (Percent Moisture)
Total Metals by EPA Method 6020

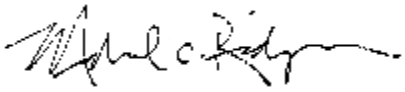
This report consists of the following:

- 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,



Mike Ridgeway
President

Date: *08/04/2015*

CLIENT: G-Logics
Project: Gilman
Lab Order: 1508001

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1508001-001	TP-5-SP-2	07/31/2015 3:00 PM	08/03/2015 8:30 AM

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

Case Narrative

WO#: **1508001**

Date: **8/4/2015**

CLIENT: G-Logics
Project: Gilman

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.

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 LOQ
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

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
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
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

WO#: **1508001**
Date Reported: **8/4/2015**

Client: G-Logics
Collection Date: 7/31/2015 3:00:00 PM
Project: Gilman
Lab ID: 1508001-001
Matrix: Soil
Client Sample ID: TP-5-SP-2

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 11482		Analyst: DB
Naphthalene	ND	60.4		µg/Kg-dry	1	8/3/2015 1:47:00 PM
2-Methylnaphthalene	ND	60.4		µg/Kg-dry	1	8/3/2015 1:47:00 PM
1-Methylnaphthalene	ND	60.4		µg/Kg-dry	1	8/3/2015 1:47:00 PM
Acenaphthylene	ND	60.4		µg/Kg-dry	1	8/3/2015 1:47:00 PM
Acenaphthene	ND	60.4		µg/Kg-dry	1	8/3/2015 1:47:00 PM
Fluorene	ND	60.4		µg/Kg-dry	1	8/3/2015 1:47:00 PM
Phenanthrene	ND	60.4		µg/Kg-dry	1	8/3/2015 1:47:00 PM
Anthracene	ND	60.4		µg/Kg-dry	1	8/3/2015 1:47:00 PM
Fluoranthene	ND	60.4		µg/Kg-dry	1	8/3/2015 1:47:00 PM
Pyrene	65.1	60.4		µg/Kg-dry	1	8/3/2015 1:47:00 PM
Benz(a)anthracene	ND	60.4		µg/Kg-dry	1	8/3/2015 1:47:00 PM
Chrysene	ND	60.4		µg/Kg-dry	1	8/3/2015 1:47:00 PM
Benzo(b)fluoranthene	ND	60.4		µg/Kg-dry	1	8/3/2015 1:47:00 PM
Benzo(k)fluoranthene	ND	60.4		µg/Kg-dry	1	8/3/2015 1:47:00 PM
Benzo(a)pyrene	ND	60.4		µg/Kg-dry	1	8/3/2015 1:47:00 PM
Indeno(1,2,3-cd)pyrene	ND	60.4		µg/Kg-dry	1	8/3/2015 1:47:00 PM
Dibenz(a,h)anthracene	ND	60.4		µg/Kg-dry	1	8/3/2015 1:47:00 PM
Benzo(g,h,i)perylene	ND	60.4		µg/Kg-dry	1	8/3/2015 1:47:00 PM
Surr: 2-Fluorobiphenyl	95.7	35.3-142		%REC	1	8/3/2015 1:47:00 PM
Surr: Terphenyl-d14 (surr)	94.9	48.8-157		%REC	1	8/3/2015 1:47:00 PM
Total Metals by EPA Method 6020				Batch ID: 11484		Analyst: TN
Lead	5.51	0.200		mg/Kg-dry	1	8/3/2015 5:50:01 PM
Sample Moisture (Percent Moisture)				Batch ID: R23949		Analyst: CG
Percent Moisture	19.5	0.500		wt%	1	8/3/2015 9:15:51 AM

Fremont Analytical

Date: *8/4/2015*

Work Order: 1508001
CLIENT: G-Logics
Project: Gilman

QC SUMMARY REPORT

Total Metals by EPA Method 6020

Sample ID: **MB-11484** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/3/2015** RunNo: **23993**
Client ID: **MBLKS** Batch ID: **11484** Analysis Date: **8/3/2015** SeqNo: **454153**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.200									

Sample ID: **LCS-11484** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/3/2015** RunNo: **23993**
Client ID: **LCSS** Batch ID: **11484** Analysis Date: **8/3/2015** SeqNo: **454154**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	27.1	0.200	25.00	0	109	80	120				

Sample ID: **1508001-001ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/3/2015** RunNo: **23993**
Client ID: **TP-5-SP-2** Batch ID: **11484** Analysis Date: **8/3/2015** SeqNo: **454156**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	3.00	0.200						5.505	59.0	20	R

NOTES:
R - High RPD indicates matrix interference. The method is in control as indicated by the laboratory control sample (LCS).

Sample ID: **1508001-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/3/2015** RunNo: **23993**
Client ID: **TP-5-SP-2** Batch ID: **11484** Analysis Date: **8/3/2015** SeqNo: **454158**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	27.9	0.202	25.24	5.505	88.7	75	125				

Sample ID: **1508001-001AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/3/2015** RunNo: **23993**
Client ID: **TP-5-SP-2** Batch ID: **11484** Analysis Date: **8/3/2015** SeqNo: **454159**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	28.3	0.200	25.04	5.505	91.1	75	125	27.88	1.54	20	

Fremont Analytical

Date: *8/4/2015*

Work Order: 1508001
CLIENT: G-Logics
Project: Gilman

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **MB-11482**	SampType: **MBLK**	Units: **µg/Kg**	Prep Date: **8/3/2015**	RunNo: **23976**
Client ID: **MBLKS**	Batch ID: **11482**		Analysis Date: **8/3/2015**	SeqNo: **453810**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	50.0									
2-Methylnaphthalene	ND	50.0									
1-Methylnaphthalene	ND	50.0									
Acenaphthylene	ND	50.0									
Acenaphthene	ND	50.0									
Fluorene	ND	50.0									
Phenanthrene	ND	50.0									
Anthracene	ND	50.0									
Fluoranthene	ND	50.0									
Pyrene	ND	50.0									
Benz(a)anthracene	ND	50.0									
Chrysene	ND	50.0									
Benzo(b)fluoranthene	ND	50.0									
Benzo(k)fluoranthene	ND	50.0									
Benzo(a)pyrene	ND	50.0									
Indeno(1,2,3-cd)pyrene	ND	50.0									
Dibenz(a,h)anthracene	ND	50.0									
Benzo(g,h,i)perylene	ND	50.0									
Surr: 2-Fluorobiphenyl	418		500.0		83.6	35.3	142				
Surr: Terphenyl-d14 (surr)	515		500.0		103	48.8	157				

Sample ID: **LCS-11482**	SampType: **LCS**	Units: **µg/Kg**	Prep Date: **8/3/2015**	RunNo: **23976**
Client ID: **LCSS**	Batch ID: **11482**		Analysis Date: **8/3/2015**	SeqNo: **453808**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	794	50.0	1,000	0	79.4	61.6	125				
2-Methylnaphthalene	826	50.0	1,000	0	82.6	58.2	129				
1-Methylnaphthalene	821	50.0	1,000	0	82.1	56.4	132				
Acenaphthylene	789	50.0	1,000	0	78.9	52.2	133				
Acenaphthene	784	50.0	1,000	0	78.4	54	131				
Fluorene	773	50.0	1,000	0	77.3	53.4	131				

Fremont Analytical

Date: *8/4/2015*

Work Order: 1508001
CLIENT: G-Logics
Project: Gilman

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **LCS-11482** SampType: **LCS** Units: **µg/Kg** Prep Date: **8/3/2015** RunNo: **23976**
Client ID: **LCSS** Batch ID: **11482** Analysis Date: **8/3/2015** SeqNo: **453808**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	747	50.0	1,000	0	74.7	55.6	128				
Anthracene	780	50.0	1,000	0	78.0	51	132				
Fluoranthene	801	50.0	1,000	0	80.1	48.4	134				
Pyrene	781	50.0	1,000	0	78.1	48.6	135				
Benz(a)anthracene	767	50.0	1,000	0	76.7	41.9	136				
Chrysene	823	50.0	1,000	0	82.3	51.4	135				
Benzo(b)fluoranthene	981	50.0	1,000	0	98.1	39.7	137				
Benzo(k)fluoranthene	782	50.0	1,000	0	78.2	45.7	138				
Benzo(a)pyrene	861	50.0	1,000	0	86.1	40.9	141				
Indeno(1,2,3-cd)pyrene	744	50.0	1,000	0	74.4	41	140				
Dibenz(a,h)anthracene	899	50.0	1,000	0	89.9	37.6	140				
Benzo(g,h,i)perylene	636	50.0	1,000	0	63.6	45	134				
Surr: 2-Fluorobiphenyl	454		500.0		90.8	35.3	142				
Surr: Terphenyl-d14 (surr)	490		500.0		98.0	48.8	157				

Sample ID: **LCSD-11482** SampType: **LCSD** Units: **µg/Kg** Prep Date: **8/3/2015** RunNo: **23976**
Client ID: **LCSS02** Batch ID: **11482** Analysis Date: **8/3/2015** SeqNo: **453811**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	910	50.0	1,000	0	91.0	61.6	125	794.4	13.5	30	
2-Methylnaphthalene	922	50.0	1,000	0	92.2	58.2	129	826.0	11.0	30	
1-Methylnaphthalene	921	50.0	1,000	0	92.1	56.4	132	821.3	11.5	30	
Acenaphthylene	921	50.0	1,000	0	92.1	52.2	133	789.3	15.4	30	
Acenaphthene	875	50.0	1,000	0	87.5	54	131	783.6	11.1	30	
Fluorene	862	50.0	1,000	0	86.2	53.4	131	772.8	10.9	30	
Phenanthrene	868	50.0	1,000	0	86.8	55.6	128	746.9	15.0	30	
Anthracene	853	50.0	1,000	0	85.3	51	132	780.1	8.95	30	
Fluoranthene	869	50.0	1,000	0	86.9	48.4	134	800.8	8.14	30	
Pyrene	844	50.0	1,000	0	84.4	48.6	135	780.7	7.78	30	
Benz(a)anthracene	825	50.0	1,000	0	82.5	41.9	136	766.9	7.35	30	
Chrysene	884	50.0	1,000	0	88.4	51.4	135	822.9	7.18	30	

Fremont Analytical

Date: *8/4/2015*

Work Order: 1508001
CLIENT: G-Logics
Project: Gilman

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **LCSD-11482** SampType: **LCSD** Units: **µg/Kg** Prep Date: **8/3/2015** RunNo: **23976**
Client ID: **LCSS02** Batch ID: **11482** Analysis Date: **8/3/2015** SeqNo: **453811**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(b)fluoranthene	1,100	50.0	1,000	0	110	39.7	137	980.8	11.8	30	
Benzo(k)fluoranthene	763	50.0	1,000	0	76.3	45.7	138	782.3	2.55	30	
Benzo(a)pyrene	854	50.0	1,000	0	85.4	45.3	135	861.3	0.853	30	
Indeno(1,2,3-cd)pyrene	743	50.0	1,000	0	74.3	41	140	744.0	0.136	30	
Dibenz(a,h)anthracene	879	50.0	1,000	0	87.9	37.6	140	899.3	2.32	30	
Benzo(g,h,i)perylene	633	50.0	1,000	0	63.3	45	134	636.5	0.555	30	
Surr: 2-Fluorobiphenyl	598		500.0		120	35.3	142		0		
Surr: Terphenyl-d14 (surr)	615		500.0		123	51.2	134		0		

Sample ID: **1508001-001AMS** SampType: **MS** Units: **µg/Kg-dry** Prep Date: **8/3/2015** RunNo: **23976**
Client ID: **TP-5-SP-2** Batch ID: **11482** Analysis Date: **8/3/2015** SeqNo: **453805**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	899	58.7	1,174	0	76.6	42.9	138				
2-Methylnaphthalene	965	58.7	1,174	59.90	77.1	42.8	151				
1-Methylnaphthalene	972	58.7	1,174	55.14	78.1	41.6	148				
Acenaphthylene	954	58.7	1,174	0	81.2	32.6	160				
Acenaphthene	905	58.7	1,174	0	77.1	46.3	142				
Fluorene	878	58.7	1,174	0	74.8	43.4	153				
Phenanthrene	876	58.7	1,174	39.43	71.3	45.5	140				
Anthracene	897	58.7	1,174	0	76.4	32.6	160				
Fluoranthene	905	58.7	1,174	30.28	74.5	44.6	161				
Pyrene	890	58.7	1,174	65.14	70.3	48.3	158				
Benz(a)anthracene	839	58.7	1,174	17.20	70.0	57.5	169				
Chrysene	931	58.7	1,174	0	79.2	45.2	146				
Benzo(b)fluoranthene	1,150	58.7	1,174	0	97.9	42.2	168				
Benzo(k)fluoranthene	817	58.7	1,174	0	69.6	48	161				
Benzo(a)pyrene	935	58.7	1,174	0	79.6	34.4	179				
Indeno(1,2,3-cd)pyrene	873	58.7	1,174	0	74.4	41.1	165				
Dibenz(a,h)anthracene	1,070	58.7	1,174	0	91.2	38.1	166				
Benzo(g,h,i)perylene	748	58.7	1,174	0	63.7	45.6	157				

Date: *8/4/2015*

Work Order: 1508001
CLIENT: G-Logics
Project: Gilman

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **1508001-001AMS** SampType: **MS** Units: **µg/Kg-dry** Prep Date: **8/3/2015** RunNo: **23976**
Client ID: **TP-5-SP-2** Batch ID: **11482** Analysis Date: **8/3/2015** SeqNo: **453805**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorobiphenyl	501		587.2		85.4	35.3	142				
Surr: Terphenyl-d14 (surr)	543		587.2		92.5	48.8	157				

Date: *8/4/2015*

Work Order: 1508001
CLIENT: G-Logics
Project: Gilman

QC SUMMARY REPORT

Sample Moisture (Percent Moisture)

Sample ID: **1508001-001ADUP** SampType: **DUP** Units: **wt%** Prep Date: **8/3/2015** RunNo: **23949**
Client ID: **TP-5-SP-2** Batch ID: **R23949** Analysis Date: **8/3/2015** SeqNo: **453568**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	19.6	0.500						19.48	0.667	20	

Sample Log-In Check List

Client Name:	**GL**	Work Order Number:	**1508001**
Logged by:	**Clare Griggs**	Date Received:	**8/3/2015 8:30:00 AM**

Chain of Custody

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

Log In

3.	Coolers are present?	Yes	☐	No	☑	NA ☐
		No cooler present.				
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Required ☑
6.	Was an attempt made to cool the samples?	Yes	☐	No	☑	NA ☐
		Unknown prior to receipt.				
7.	Were all items received at a temperature of >0°C to 10.0°C *	Yes	☑	No	☐	NA ☐
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)

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

Person Notified:		Date:	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

19. Additional remarks:

No matrix selected.

Item Information

Item #	Temp ºC
Sample	9.6

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

Fremont Analytical

Chain of Custody Record

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

Laboratory Project No (internal): 1508001

Date: 8/3/15 Page: 1 of: 1

Client: G-Logics
Address: 40 2nd AVE SE
City, State, Zip: ISSAQUAH, WA
Tel: 425-391-6874 Fax:

Project Name: Gilman
Project No: 01-0568-J Collected by: ZW
Location: Gilman SQUARE
Reports To (PM): STUART HYDE
Email: StuartH@g-logics.com

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

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOC (EPA 8260)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SEMI-VOL (EPA 8270)	PAH (EPA 8270 - SIM)	PCBs (EPA 8082)	Metals** (6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	FOG (9071)	Comments/Depth
1	TP-5-SP-2	7/31	3:00								X		X						
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

**Metals Analysis (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

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)

Turn-around times for samples received after 4:00pm will begin on the following business day.

Special Remarks:

Relinquished	Date/Time	Received	Date/Time
x	8/3/15 8:30a	x	8/3/15 0930
Relinquished	Date/Time	Received	Date/Time
x		x	

TAT -> SameDay^ NextDay^ 2 Day 3 Day STD

^Please coordinate with the lab in advance

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

August 10, 2015

Stuart Hyde
G-Logics
40 2nd Avenue SE
Issaquah, WA 98027

Dear Mr. Hyde:

Please find enclosed the analytical data report for the Gilman Square Project located in Issaquah, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Phone (360) 352-2110 • Fax (360) 352-4154 • libbyenv@aol.com

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 7/31/2015 Page: 1 of 1

Client: G-Logics
Project Manager: STUART HYDE
Address: 40 2nd Ave SE
Project Name: Gilman Square
City: Issaquah State: WA Zip: 98027
Location: Gilman Square, Issaquah City, State: WASHINGTON
Phone: 406-274-8452 Fax:
Collector: Zak Wall Date of Collection: 7/31/2015
Client Project # 01-0868-J
Email: STUARTH@g-logics.com

	Sample Number	Depth	Time	Sample Type	Container Type	(MTCA) NO MTBE VOC 8260 EDB, EDC, NAPTH	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	NWTPH-Dx/Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	Field Notes
1	NSW-5-6	6'	9:35	S		X	X	X			X							
2	WSW-5-6	6'	9:37	S		X	X	X			X							
3	F-5-5	5'	8:10	S		X	X	X			X							
4	TS-SP-1	4'	2:30	S		X	X				X							
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		

Relinquished by:	Date / Time	Received by:	Date / Time
[signature]	7/31 3:20p	[signature]	7/31/15 3:20
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N	
Temp.		°C	
Seals Intact?	Y	N	N/A
Total Number of Containers			

Remarks:

ML

TAT: 24HR 48HR 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a cout of law.*

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

GILMAN SQUARE PROJECT
G-Logics
Issaquah, Washington
Libby Project # L150731-40
Client Project # 01-0868-J

Specific Halogenated and Aromatic Hydrocarbons by EPA 8260C in Soil

Sample Description		Method Blank	NSW-5-6	WSW-5-6	F-5-5	F-5-5 Dup	T5-SP-1
Date Sampled		N/A	7/31/15	7/31/15	7/31/15	7/31/15	7/31/15
Date Analyzed	PQL	7/31/15	7/31/15	7/31/15	7/31/15	7/31/15	7/31/15
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	nd	nd	nd	nd	nd	nd
Toluene	0.05	nd	nd	nd	nd	nd	nd
Ethylbenzene	0.03	nd	nd	nd	nd	nd	nd
Total Xylenes	0.05	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd	nd	nd
1,2-Dibromoethane (EDB) *	0.005	nd	nd	nd	nd	nd	nd
Total Naphthalenes	0.05	nd	nd	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		97	102	99	67	65	71
1,2-Dichloroethane-d4		89	90	95	119	115	67
Toluene-d8		108	90	106	110	105	119
4-Bromofluorobenzene		98	99	95	99	103	104

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

* INSTRUMENT DETECTION LIMIT
ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

GILMAN SQUARE PROJECT
G-Logics
Issaquah, Washington
Libby Project # L150731-40
Client Project # 01-0868-J

QA/QC Data - EPA 8260C Analyses

Sample Identification: WSW-5-6							
	Matrix Spike			Matrix Spike Duplicate			RPD
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	
Benzene	0.5	0.61	122	0.5	0.57	114	6.8
Toluene	0.5	0.59	118	0.5	0.63	126	6.6

Surrogate Recovery		
Dibromofluoromethane	72	77
1,2-Dichloroethane-d4	117	74
Toluene-d8	121	123
4-Bromofluorobenzene	100	102

Laboratory Control Sample			
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
Benzene	0.5	0.43	86
Toluene	0.5	0.49	98

Surrogate Recovery	
Dibromofluoromethane	98
1,2-Dichloroethane-d4	84
Toluene-d8	106
4-Bromofluorobenzene	101

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

GILMAN SQUARE PROJECT
G-Logics
Issaquah, Washington
Libby Project # L150731-40
Client Project # 01-0868-J

Analyses of Gasoline (NWTPH-Gx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (mg/kg)
Method Blank	7/31/15	108	nd
NSW-5-6	7/31/15	90	nd
WSW-5-6	7/31/15	106	nd
F-5-5	7/31/15	110	nd
F-5-5 Dup	7/31/15	105	nd
TS-SP-1	7/31/15	119	nd
Practical Quantitation Limit			10

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Trifluorotoluene): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@aol.com

GILMAN SQUARE PROJECT
G-Logics
Issaquah, Washington
Libby Project # L150731-40
Client Project # 01-0868-J

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	7/31/15	96	nd	nd
NSW-5-6	7/31/15	106	nd	nd
WSW-5-6	7/31/15	97	nd	nd
F-5-5	7/31/15	106	nd	nd
F-5-5 Dup	7/31/15	93	nd	nd
T5-SP-1	7/31/15	112	nd	1520
Practical Quantitation Limit			25	50

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

APPENDIX J

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

G-Logics
Stuart Hyde
40 Second Ave. SE
Issaquah, WA 98027

RE: Gilman Square
Lab ID: 1506293

July 02, 2015

Attention Stuart Hyde:

Fremont Analytical, Inc. received 3 sample(s) on 6/25/2015 for the analyses presented in the following report.

Volatile Organic Compounds by EPA Method 8260

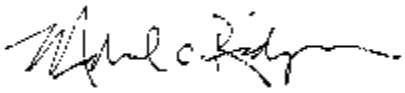
This report consists of the following:

- 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,



Mike Ridgeway
President

Date: *07/02/2015*

CLIENT: G-Logics
Project: Gilman Square
Lab Order: 1506293

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1506293-001	GL-MW-11	06/25/2015 10:30 AM	06/25/2015 2:21 PM
1506293-002	GL-MW-12	06/25/2015 10:45 AM	06/25/2015 2:21 PM
1506293-003	GL-MW-13	06/25/2015 11:00 AM	06/25/2015 2:21 PM

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

Case Narrative

WO#: **1506293**
Date: **7/2/2015**

CLIENT: G-Logics
Project: Gilman Square

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.

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 LOQ
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

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
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
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

WO#: **1506293**
Date Reported: **7/2/2015**

Client: G-Logics
Project: Gilman Square
Lab ID: 1506293-001
Client Sample ID: **GL-MW-11**

Collection Date: 6/25/2015 10:30:00 AM
Matrix: Groundwater

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R23274		Analyst: BC
Vinyl chloride	0.429	0.200		µg/L	1	6/28/2015 2:09:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	6/28/2015 2:09:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/28/2015 2:09:00 AM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/28/2015 2:09:00 AM
Trichloroethene (TCE)	ND	0.500		µg/L	1	6/28/2015 2:09:00 AM
Tetrachloroethene (PCE)	ND	1.00		µg/L	1	6/28/2015 2:09:00 AM
Surr: Dibromofluoromethane	95.5	77.4-147		%REC	1	6/28/2015 2:09:00 AM
Surr: Toluene-d8	98.0	40.1-139		%REC	1	6/28/2015 2:09:00 AM
Surr: 1-Bromo-4-fluorobenzene	88.0	64.2-128		%REC	1	6/28/2015 2:09:00 AM

Analytical Report

WO#: **1506293**
Date Reported: **7/2/2015**

Client: G-Logics
Collection Date: 6/25/2015 10:45:00 AM
Project: Gilman Square
Lab ID: 1506293-002
Matrix: Groundwater
Client Sample ID: **GL-MW-12**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R23274		Analyst: BC
Vinyl chloride	0.751	0.200		µg/L	1	6/28/2015 2:37:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	6/28/2015 2:37:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/28/2015 2:37:00 AM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/28/2015 2:37:00 AM
Trichloroethene (TCE)	ND	0.500		µg/L	1	6/28/2015 2:37:00 AM
Tetrachloroethene (PCE)	ND	1.00		µg/L	1	6/28/2015 2:37:00 AM
Surr: Dibromofluoromethane	100	77.4-147		%REC	1	6/28/2015 2:37:00 AM
Surr: Toluene-d8	112	40.1-139		%REC	1	6/28/2015 2:37:00 AM
Surr: 1-Bromo-4-fluorobenzene	96.5	64.2-128		%REC	1	6/28/2015 2:37:00 AM

Analytical Report

WO#: **1506293**
Date Reported: **7/2/2015**

Client: G-Logics
Collection Date: 6/25/2015 11:00:00 AM
Project: Gilman Square
Lab ID: 1506293-003
Matrix: Groundwater
Client Sample ID: **GL-MW-13**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R23274		Analyst: BC
Vinyl chloride	ND	0.200		µg/L	1	6/28/2015 3:06:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	6/28/2015 3:06:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/28/2015 3:06:00 AM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/28/2015 3:06:00 AM
Trichloroethene (TCE)	ND	0.500		µg/L	1	6/28/2015 3:06:00 AM
Tetrachloroethene (PCE)	ND	1.00		µg/L	1	6/28/2015 3:06:00 AM
Surr: Dibromofluoromethane	98.7	77.4-147		%REC	1	6/28/2015 3:06:00 AM
Surr: Toluene-d8	91.8	40.1-139		%REC	1	6/28/2015 3:06:00 AM
Surr: 1-Bromo-4-fluorobenzene	99.8	64.2-128		%REC	1	6/28/2015 3:06:00 AM

Work Order: 1506293
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID **1506293-003AMS** SampType: **MS** Units: **µg/L** Prep Date: **6/28/2015** RunNo: **23274**
Client ID: **GL-MW-13** Batch ID: **R23274** Analysis Date: **6/28/2015** SeqNo: **440888**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	25.1	0.200	20.00	0	125	58.1	158				
1,1-Dichloroethene	24.0	1.00	20.00	0	120	63	141				
trans-1,2-Dichloroethene	21.8	1.00	20.00	0	109	63.5	138				
cis-1,2-Dichloroethene	20.4	1.00	20.00	0.09630	102	67.1	123				
Trichloroethene (TCE)	19.0	0.500	20.00	0	95.2	60.4	134				
Tetrachloroethene (PCE)	20.4	1.00	20.00	0.1075	101	50.3	133				
Surr: Dibromofluoromethane	26.4		25.00		106	77.4	147				
Surr: Toluene-d8	22.8		25.00		91.1	40.1	139				
Surr: 1-Bromo-4-fluorobenzene	25.4		25.00		101	64.2	128				

Sample ID **LCS-R23274** SampType: **LCS** Units: **µg/L** Prep Date: **6/27/2015** RunNo: **23274**
Client ID: **LCSW** Batch ID: **R23274** Analysis Date: **6/27/2015** SeqNo: **440901**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	25.1	0.200	20.00	0	126	53.6	139				
1,1-Dichloroethene	24.3	1.00	20.00	0	121	65.6	136				
trans-1,2-Dichloroethene	22.6	1.00	20.00	0	113	71.7	129				
cis-1,2-Dichloroethene	20.4	1.00	20.00	0	102	71.1	130				
Trichloroethene (TCE)	19.7	0.500	20.00	0	98.6	65.2	136				
Tetrachloroethene (PCE)	20.3	1.00	20.00	0	102	47.5	147				
Surr: Dibromofluoromethane	26.7		25.00		107	77.4	147				
Surr: Toluene-d8	25.0		25.00		100	40.1	139				
Surr: 1-Bromo-4-fluorobenzene	24.6		25.00		98.5	64.2	128				

Sample ID **MB-R23274** SampType: **MBLK** Units: **µg/L** Prep Date: **6/27/2015** RunNo: **23274**
Client ID: **MBLKW** Batch ID: **R23274** Analysis Date: **6/27/2015** SeqNo: **440902**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.200									
1,1-Dichloroethene	ND	1.00									

Fremont Analytical

Date: *7/2/2015*

Work Order: 1506293
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID **MB-R23274** SampType: **MBLK** Units: **µg/L** Prep Date: **6/27/2015** RunNo: **23274**
Client ID: **MBLKW** Batch ID: **R23274** Analysis Date: **6/27/2015** SeqNo: **440902**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Trichloroethene (TCE)	ND	0.500									
Tetrachloroethene (PCE)	ND	1.00									
Surr: Dibromofluoromethane	25.6		25.00		102	77.4	147				
Surr: Toluene-d8	27.4		25.00		110	40.1	139				
Surr: 1-Bromo-4-fluorobenzene	24.2		25.00		96.8	64.2	128				

Sample ID **1506307-001ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **6/28/2015** RunNo: **23274**
Client ID: **BATCH** Batch ID: **R23274** Analysis Date: **6/28/2015** SeqNo: **440904**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.200						0		30	
1,1-Dichloroethene	ND	1.00						0		30	
trans-1,2-Dichloroethene	ND	1.00						0		30	
cis-1,2-Dichloroethene	ND	1.00						0		30	
Trichloroethene (TCE)	ND	0.500						0		30	
Tetrachloroethene (PCE)	ND	1.00						0		30	
Surr: Dibromofluoromethane	25.3		25.00		101	77.4	147		0		
Surr: Toluene-d8	23.9		25.00		95.6	40.1	139		0		
Surr: 1-Bromo-4-fluorobenzene	26.3		25.00		105	64.2	128		0		

Sample Log-In Check List

Client Name:	**GL**	Work Order Number:	**1506293**
Logged by:	**Erica Silva**	Date Received:	**6/25/2015 2:21:00 PM**

Chain of Custody

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

Log In

3.	Coolers are present?	Yes ☑	No ☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes ☑	No ☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes ☐	No ☐	Not Required ☑
6.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
7.	Were all items received at a temperature of >0°C to 10.0°C *	Yes ☑	No ☐	NA ☐
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)

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

Person Notified: _____ Date _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Cooler	7.1
Sample	9.8

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

Chain of Custody Record

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

Laboratory Project No (internal): 1506293

Date: 6/25/15 Page: 1 of: 1

Client: G-Logics
Address: 40 2nd Ave SE
City, State, Zip Issaquah
Tel: 425-391-6874 Fax:

Project Name: Gilman Square
Project No: 01-0868-I Collected by: JH
Location: Issaquah
Reports To (PM): Stuart Hyde
Email: stuarth@g-logics

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

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOC (EPA 8260)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SEMI VOL (EPA 8270)	PAH (EPA 8270 - SIM)	PCBs (EPA 8082)	Metals** (6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Comments/Depth
1	GL-MW-11	6/25	1030	GW	X														PCE + breakdown products only
2	GL-MW-12	↓	1045	↓	X														
3	GL-MW-13	↓	1100	↓	X														
4																			
5																			
6																			
7																			
8																			
9																			
10																			

**Metals Analysis (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

Turn-around times for samples received after 4:00pm will begin on the following business day.

Special Remarks:

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)

Relinquished	Date/Time	Received	Date/Time
x SH	6/25/15 1421	x	6-25-15 1421
x		x	

TAT -> SameDay^ NextDay^ 2 Day 3 Day STD

*Please coordinate with the lab in advance

Distribution: White - Lab, Yellow - File, Pink - Originator

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

G-Logics
Stuart Hyde
40 Second Ave. SE
Issaquah, WA 98027

RE: Gilman Square
Lab ID: 1509052

September 10, 2015

Attention Stuart Hyde:

Fremont Analytical, Inc. received 2 sample(s) on 9/2/2015 for the analyses presented in the following report.

Dissolved Metals by EPA Method 200.8
Ion Chromatography by EPA Method 300.0
Total Metals by EPA Method 200.8
Total Organic Carbon by SM 5310B
Volatile Organic Compounds by EPA Method 8260

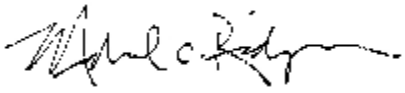
This report consists of the following:

- 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,



Mike Ridgeway
President

Date: *09/10/2015*

CLIENT: G-Logics
Project: Gilman Square
Lab Order: 1509052

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1509052-001	GL-MW-11	09/02/2015 1:45 PM	09/02/2015 3:00 PM
1509052-002	GL-MW-12	09/02/2015 12:45 PM	09/02/2015 3:00 PM

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

Case Narrative

WO#: **1509052**
Date: **9/10/2015**

CLIENT: G-Logics
Project: Gilman Square

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.

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 LOQ
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

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
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
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

WO#: **1509052**
Date Reported: **9/10/2015**

Client: G-Logics
Project: Gilman Square
Lab ID: 1509052-001
Client Sample ID: **GL-MW-11**

Collection Date: 9/2/2015 1:45:00 PM
Matrix: Groundwater

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R24728		Analyst: BC
Vinyl chloride	0.568	0.200		µg/L	1	9/5/2015 4:31:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	9/5/2015 4:31:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	9/5/2015 4:31:00 AM
cis-1,2-Dichloroethene	1.07	1.00		µg/L	1	9/5/2015 4:31:00 AM
Trichloroethene (TCE)	ND	0.500		µg/L	1	9/5/2015 4:31:00 AM
Tetrachloroethene (PCE)	ND	1.00		µg/L	1	9/5/2015 4:31:00 AM
Surr: Dibromofluoromethane	99.7	45.4-152		%REC	1	9/5/2015 4:31:00 AM
Surr: Toluene-d8	99.9	40.1-139		%REC	1	9/5/2015 4:31:00 AM
Surr: 1-Bromo-4-fluorobenzene	95.9	64.2-128		%REC	1	9/5/2015 4:31:00 AM
Ion Chromatography by EPA Method 300.0				Batch ID: R24696		Analyst: KT
Nitrite	ND	0.500	D	mg/L	5	9/3/2015 2:43:00 PM
Nitrate	4.79	0.500	D	mg/L	5	9/3/2015 2:43:00 PM
Sulfate	40.9	1.50	D	mg/L	5	9/3/2015 2:43:00 PM
NOTES: Sample diluted due to high levels of target and non-target analytes.						
Dissolved Metals by EPA Method 200.8				Batch ID: 11766		Analyst: TN
Iron	5,600	100		µg/L	1	9/3/2015 3:06:53 PM
Total Metals by EPA Method 200.8				Batch ID: 11765		Analyst: TN
Iron	7,730	100		µg/L	1	9/3/2015 4:13:53 PM
Total Organic Carbon by SM 5310B				Batch ID: R24754		Analyst: KT
Total Organic Carbon	7.68	4.00		mg/L	1	9/9/2015 12:04:00 PM

Analytical Report

WO#: **1509052**
Date Reported: **9/10/2015**

Client: G-Logics
Collection Date: 9/2/2015 12:45:00 PM
Project: Gilman Square
Lab ID: 1509052-002
Matrix: Groundwater
Client Sample ID: **GL-MW-12**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260				Batch ID: R24728		Analyst: BC
Vinyl chloride	0.378	0.200		µg/L	1	9/5/2015 4:59:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	9/5/2015 4:59:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	9/5/2015 4:59:00 AM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	9/5/2015 4:59:00 AM
Trichloroethene (TCE)	ND	0.500		µg/L	1	9/5/2015 4:59:00 AM
Tetrachloroethene (PCE)	ND	1.00		µg/L	1	9/5/2015 4:59:00 AM
Surr: Dibromofluoromethane	99.4	45.4-152		%REC	1	9/5/2015 4:59:00 AM
Surr: Toluene-d8	99.2	40.1-139		%REC	1	9/5/2015 4:59:00 AM
Surr: 1-Bromo-4-fluorobenzene	96.5	64.2-128		%REC	1	9/5/2015 4:59:00 AM
Ion Chromatography by EPA Method 300.0				Batch ID: R24696		Analyst: KT
Nitrite	ND	0.500	D	mg/L	5	9/3/2015 3:50:00 PM
Nitrate	4.74	0.500	D	mg/L	5	9/3/2015 3:50:00 PM
Sulfate	40.7	1.50	D	mg/L	5	9/3/2015 3:50:00 PM
NOTES: Sample diluted due to high levels of target and non-target analytes.						
Dissolved Metals by EPA Method 200.8				Batch ID: 11766		Analyst: TN
Iron	6,760	100		µg/L	1	9/3/2015 3:10:24 PM
Total Metals by EPA Method 200.8				Batch ID: 11765		Analyst: TN
Iron	9,420	100		µg/L	1	9/3/2015 4:17:25 PM
Total Organic Carbon by SM 5310B				Batch ID: R24754		Analyst: KT
Total Organic Carbon	4.95	4.00		mg/L	1	9/9/2015 12:05:00 PM

Fremont Analytical

Date: *9/10/2015*

Work Order: 1509052
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Ion Chromatography by EPA Method 300.0

Sample ID	**MB-R24696**	SampType: **MBLK**			Units: **mg/L**		Prep Date: **9/3/2015**		RunNo: **24696**		
Client ID:	**MBLKW**	Batch ID: **R24696**					Analysis Date: **9/3/2015**		SeqNo: **465462**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrite	ND	0.100									
Nitrate	ND	0.100									
Sulfate	ND	0.300									

Sample ID	**LCS-R24696**	SampType: **LCS**			Units: **mg/L**		Prep Date: **9/3/2015**		RunNo: **24696**		
Client ID:	**LCSW**	Batch ID: **R24696**					Analysis Date: **9/3/2015**		SeqNo: **465463**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrite	2.72	0.100	3.000	0	90.5	90	110				
Nitrate	2.79	0.100	3.000	0	92.9	90	110				
Sulfate	14.2	0.300	15.00	0	95.0	90	110				

Sample ID	**1509049-001CDUP**	SampType: **DUP**			Units: **mg/L**		Prep Date: **9/3/2015**		RunNo: **24696**		
Client ID:	**BATCH**	Batch ID: **R24696**					Analysis Date: **9/3/2015**		SeqNo: **465465**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrite	ND	0.500						0		20	D
Nitrate	3.86	0.500						3.919	1.65	20	D
Sulfate	50.9	1.50						51.07	0.265	20	D

Sample ID	**1509049-001CMS**	SampType: **MS**			Units: **mg/L**		Prep Date: **9/3/2015**		RunNo: **24696**		
Client ID:	**BATCH**	Batch ID: **R24696**					Analysis Date: **9/3/2015**		SeqNo: **465466**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrite	14.7	0.500	15.00	0	98.0	80	120				D
Nitrate	16.9	0.500	15.00	3.919	86.4	80	120				D
Sulfate	125	1.50	75.00	51.07	98.5	80	120				D

Work Order: 1509052
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Ion Chromatography by EPA Method 300.0

Sample ID **1509049-001CMSD** SampType: **MSD** Units: **mg/L** Prep Date: **9/3/2015** RunNo: **24696**
Client ID: **BATCH** Batch ID: **R24696** Analysis Date: **9/3/2015** SeqNo: **465467**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nitrite	14.9	0.500	15.00	0	99.3	80	120	14.71	1.27	20	D
Nitrate	16.9	0.500	15.00	3.919	86.7	80	120	16.87	0.272	20	D
Sulfate	125	1.50	75.00	51.07	99.0	80	120	125.0	0.300	20	D

Date: *9/10/2015*

Work Order: 1509052
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Total Organic Carbon by SM 5310B

Sample ID **MB-R24754**	SampType: **MBLK**	Units: **mg/L**	Prep Date: **9/9/2015**	RunNo: **24754**
Client ID: **MBLKW**	Batch ID: **R24754**		Analysis Date: **9/9/2015**	SeqNo: **466552**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Carbon	ND	4.00									

Sample ID **LCS-R24754**	SampType: **LCS**	Units: **mg/L**	Prep Date: **9/9/2015**	RunNo: **24754**
Client ID: **LCSW**	Batch ID: **R24754**		Analysis Date: **9/9/2015**	SeqNo: **466553**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Carbon	10.4	4.00	10.00	0	104	80	120				

Sample ID **1509052-002EDUP**	SampType: **DUP**	Units: **mg/L**	Prep Date: **9/9/2015**	RunNo: **24754**
Client ID: **GL-MW-12**	Batch ID: **R24754**		Analysis Date: **9/9/2015**	SeqNo: **466671**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Carbon	4.69	4.00						4.947	5.25	20	

Sample ID **1509052-002EMS**	SampType: **MS**	Units: **mg/L**	Prep Date: **9/9/2015**	RunNo: **24754**
Client ID: **GL-MW-12**	Batch ID: **R24754**		Analysis Date: **9/9/2015**	SeqNo: **466672**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Carbon	15.6	4.00	10.00	4.947	107	70	130				

Sample ID **1509052-002EMSD**	SampType: **MSD**	Units: **mg/L**	Prep Date: **9/9/2015**	RunNo: **24754**
Client ID: **GL-MW-12**	Batch ID: **R24754**		Analysis Date: **9/9/2015**	SeqNo: **466673**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Carbon	13.6	4.00	10.00	4.947	86.4	70	130	15.63	14.0	30	

Work Order: 1509052
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Dissolved Metals by EPA Method 200.8

Sample ID	**MB-11761FB**	SampType:	**MBLK**			Units:	**µg/L**	Prep Date:	**9/3/2015**	RunNo:	**24699**
Client ID:	**MBLKW**	Batch ID:	**11766**					Analysis Date:	**9/3/2015**	SeqNo:	**465499**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	ND	100									

Sample ID	**MB-11766**	SampType:	**MBLK**			Units:	**µg/L**	Prep Date:	**9/3/2015**	RunNo:	**24699**
Client ID:	**MBLKW**	Batch ID:	**11766**					Analysis Date:	**9/3/2015**	SeqNo:	**465500**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	ND	100									

Sample ID	**LCS-11766**	SampType:	**LCS**			Units:	**µg/L**	Prep Date:	**9/3/2015**	RunNo:	**24699**
Client ID:	**LCSW**	Batch ID:	**11766**					Analysis Date:	**9/3/2015**	SeqNo:	**465501**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	1,060	100	1,000	0	106	50	150				

Sample ID	**1509041-001BDUP**	SampType:	**DUP**			Units:	**µg/L**	Prep Date:	**9/3/2015**	RunNo:	**24699**
Client ID:	**BATCH**	Batch ID:	**11766**					Analysis Date:	**9/3/2015**	SeqNo:	**465503**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	ND	100						0		30	

Sample ID	**1509041-001BMS**	SampType:	**MS**			Units:	**µg/L**	Prep Date:	**9/3/2015**	RunNo:	**24699**
Client ID:	**BATCH**	Batch ID:	**11766**					Analysis Date:	**9/3/2015**	SeqNo:	**465504**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	5,140	100	5,000	0	103	50	150				

Date: *9/10/2015*

Work Order: 1509052
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Dissolved Metals by EPA Method 200.8

Sample ID **1509041-001BMSD**	SampType: **MSD**			Units: **µg/L**		Prep Date: **9/3/2015**			RunNo: **24699**		
Client ID: **BATCH**	Batch ID: **11766**					Analysis Date: **9/3/2015**			SeqNo: **465505**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	4,910	100	5,000	0	98.2	50	150	5,138	4.52	30	

Work Order: 1509052
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Total Metals by EPA Method 200.8

Sample ID	**MB-11765**	SampType:	**MBLK**			Units:	**µg/L**	Prep Date:	**9/3/2015**	RunNo:	**24700**
Client ID:	**MBLKW**	Batch ID:	**11765**					Analysis Date:	**9/3/2015**	SeqNo:	**465533**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	ND	100									

Sample ID	**LCS-11765**	SampType:	**LCS**			Units:	**µg/L**	Prep Date:	**9/3/2015**	RunNo:	**24700**
Client ID:	**LCSW**	Batch ID:	**11765**					Analysis Date:	**9/3/2015**	SeqNo:	**465534**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	1,070	100	1,000	0	107	50	150				

Sample ID	**1509041-001ADUP**	SampType:	**DUP**			Units:	**µg/L**	Prep Date:	**9/3/2015**	RunNo:	**24700**
Client ID:	**BATCH**	Batch ID:	**11765**					Analysis Date:	**9/3/2015**	SeqNo:	**465536**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	ND	100						0		30	

Sample ID	**1509041-001AMS**	SampType:	**MS**			Units:	**µg/L**	Prep Date:	**9/3/2015**	RunNo:	**24700**
Client ID:	**BATCH**	Batch ID:	**11765**					Analysis Date:	**9/3/2015**	SeqNo:	**465537**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	5,410	100	5,000	96.26	106	50	150				

Sample ID	**1509041-001AMSD**	SampType:	**MSD**			Units:	**µg/L**	Prep Date:	**9/3/2015**	RunNo:	**24700**
Client ID:	**BATCH**	Batch ID:	**11765**					Analysis Date:	**9/3/2015**	SeqNo:	**465538**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	5,430	100	5,000	96.26	107	50	150	5,414	0.317	30	

Work Order: 1509052
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID **LCS-R24728** SampType: **LCS** Units: **µg/L** Prep Date: **9/5/2015** RunNo: **24728**
Client ID: **LCSW** Batch ID: **R24728** Analysis Date: **9/5/2015** SeqNo: **466039**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	22.4	0.200	20.00	0	112	53.6	139				
1,1-Dichloroethene	21.7	1.00	20.00	0	109	65.6	136				
trans-1,2-Dichloroethene	20.7	1.00	20.00	0	103	71.7	129				
cis-1,2-Dichloroethene	21.6	1.00	20.00	0	108	71.1	130				
Trichloroethene (TCE)	21.3	0.500	20.00	0	106	65.2	136				
Tetrachloroethene (PCE)	21.3	1.00	20.00	0	107	47.5	147				
Surr: Dibromofluoromethane	25.2		25.00		101	45.4	152				
Surr: Toluene-d8	24.6		25.00		98.6	40.1	139				
Surr: 1-Bromo-4-fluorobenzene	24.9		25.00		99.6	64.2	128				

Sample ID **MB-R24728** SampType: **MBLK** Units: **µg/L** Prep Date: **9/5/2015** RunNo: **24728**
Client ID: **MBLKW** Batch ID: **R24728** Analysis Date: **9/5/2015** SeqNo: **466040**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.200									
1,1-Dichloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Trichloroethene (TCE)	ND	0.500									
Tetrachloroethene (PCE)	ND	1.00									
Surr: Dibromofluoromethane	23.7		25.00		94.9	45.4	152				
Surr: Toluene-d8	25.5		25.00		102	40.1	139				
Surr: 1-Bromo-4-fluorobenzene	23.6		25.00		94.5	64.2	128				

Sample ID **1509063-002ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **9/5/2015** RunNo: **24728**
Client ID: **BATCH** Batch ID: **R24728** Analysis Date: **9/5/2015** SeqNo: **466033**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.200						0		30	
1,1-Dichloroethene	ND	1.00						0		30	

Work Order: 1509052
CLIENT: G-Logics
Project: Gilman Square

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260

Sample ID **1509063-002ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **9/5/2015** RunNo: **24728**
Client ID: **BATCH** Batch ID: **R24728** Analysis Date: **9/5/2015** SeqNo: **466033**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	1.00						0		30	
cis-1,2-Dichloroethene	ND	1.00						0		30	
Trichloroethene (TCE)	ND	0.500						0		30	
Tetrachloroethene (PCE)	ND	1.00						0		30	
Surr: Dibromofluoromethane	24.9		25.00		99.6	45.4	152		0		
Surr: Toluene-d8	24.8		25.00		99.2	40.1	139		0		
Surr: 1-Bromo-4-fluorobenzene	24.0		25.00		96.1	64.2	128		0		

Sample ID **1509063-003AMS** SampType: **MS** Units: **µg/L** Prep Date: **9/5/2015** RunNo: **24728**
Client ID: **BATCH** Batch ID: **R24728** Analysis Date: **9/5/2015** SeqNo: **466035**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	22.7	0.200	20.00	0	113	58.1	158				
1,1-Dichloroethene	22.1	1.00	20.00	0	111	63	141				
trans-1,2-Dichloroethene	21.9	1.00	20.00	0	110	63.5	138				
cis-1,2-Dichloroethene	22.5	1.00	20.00	0	113	67.1	123				
Trichloroethene (TCE)	22.0	0.500	20.00	0	110	60.4	134				
Tetrachloroethene (PCE)	21.6	1.00	20.00	0	108	50.3	133				
Surr: Dibromofluoromethane	25.3		25.00		101	45.4	152				
Surr: Toluene-d8	24.8		25.00		99.3	40.1	139				
Surr: 1-Bromo-4-fluorobenzene	25.4		25.00		102	64.2	128				

Sample Log-In Check List

Client Name:	**GL**	Work Order Number:	**1509052**
Logged by:	**Clare Griggs**	Date Received:	**9/2/2015 3:00:00 PM**

Chain of Custody

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

Log In

3.	Coolers are present?	Yes ☑	No ☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes ☑	No ☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes ☐	No ☐	Not Required ☑
6.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
7.	Were all items received at a temperature of >0°C to 10.0°C *	Yes ☐	No ☑	NA ☐
	Samples received straight from field.			
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 ☐ HNO3, H2SO4
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)

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

Person Notified: _____ Date _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp °C
Cooler	8.6
Sample	12.1

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

Fremont Analytical

Chain of Custody Record

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

Laboratory Project No (internal): 1509052

Date: 9/2/15

Page: 1 of: 1

Client: G-Logics
Address: 40 2nd Ave SE
City, State, Zip: Issaquah
Tel: 425-391-6874 Fax:

Project Name: Gilman Square
Project No: 01-0868-3
Location: Issaquah
Reports To (PM): SH
Email: stuarth@g-logics.com
Collected by: SH

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

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOC (EPA 8260)	GX/BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SEMI VOL (EPA 8270)	PAH (EPA 8270 - SIM)	PCBs (EPA 8082)	Metals** (6020 / 200.8)	Total (T) Dissolved (D)	Anions (IC)***	EDB (8011)	Total Org. Carbon			Comments/Depth
1	GL-MW-11	9/2	1345	GW	X							X	X		X					Cl-Solvents Only (PCE +
2	GL-MW-12	9/2	1345	GW	X							X	X		X					Cl-Solvents Only (degradation path
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				

**Metals Analysis (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 Ortho-Phosphate Fluoride Nitrate+Nitrite

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab (A fee may be assessed if samples are retained after 30 days.)

Turn-around times for samples received after 4:00pm will begin on the following business day.

Special Remarks:

Relinquished	Date/Time	Received	Date/Time
x	9-2-15 15:00	x	9/2/15 1500
Relinquished	Date/Time	Received	Date/Time
x		x	

TAT -> SameDay^ NextDay^ 2 Day 3 Day STD

^Please coordinate with the lab in advance

Distribution: White - Lab, Yellow - File, Pink - Originator

www.fremontanalytical.com

APPENDIX K

August 25, 2015
G-Logics Project Number 01-0868-J

Mr. Kurt Reiswig
LMC Gilman Square, LLC
1325 Fourth Ave, Suite 1700
Seattle, WA 98101

Subject: Change Order #5,
Additional Authorization for Enhanced-Anaerobic Bioremediation
Gilman Square
615 NW Gilman Blvd
Issaquah, WA

Dear Mr. Reiswig:

G-Logics is pleased to submit this letter requesting an additional budget authorization to perform supplementary cleanup actions at the above-referenced property (the "Site"). Currently, low-level concentrations of vinyl chloride are present in the perched groundwater above MTCA Method A cleanup levels. The remaining residual contamination at the Site is associated with the former drycleaner and is contained within the Property boundaries. Based on the accelerated schedule of approximately two years (as specified by Mr. Dan Shieder at LMC Gilman Square, LLC) to receive a No Further Action (NFA) determination from Ecology, G-Logics recommends using in-situ bioremediation technology to address the residual groundwater contamination at the Site.

Background

Based on the analytical results from previous subsurface explorations, it appears that aquifer conditions at the Site are anaerobic and that the majority of Site contaminants have naturally biodegraded to concentrations below MTCA Method A cleanup levels. If left alone, the low-level concentrations of vinyl chloride occasionally present in the

G-Logics, Inc.
40 2nd Avenue SE
Issaquah, WA 98027
T: 425-391-6874
F: 425-313-3074

groundwater would naturally attenuate to below cleanup levels. However, because of the accelerated timeframe requested to achieve an NFA at the Site, G-Logics recommends using in-situ, enhanced-anaerobic bioremediation (EAB) technology as a cost efficient and viable method to further achieve contaminant reductions.

This change order includes budget for the required time and materials for G-Logics field staff to design, implement, and augment conditions for EAB. Additional budget also is included for drilling services to replace a critical groundwater-monitoring well that sustained unrepairable damages during construction activities.

Enhanced-Anaerobic Bioremediation Discussion

In-situ EAB requires the addition of an "amendment" (mix of nutrients and a carbon source) to the subsurface in order to increase natural microbial activity. The subsurface microbial community uses chlorinated solvents as an energy source, effectively degrading the contaminants to more benign compounds such as ethylene. Depending on the Site conditions, additional microbes also can be added to the subsurface to increase productivity.

In-situ EAB has been successfully used at other sites as a cleanup action for reducing chlorinated-solvent contaminants (i.e., vinyl chloride). Design of such in-situ systems is site-specific and requires an understanding of geochemical properties and subsurface conditions. G-Logics approach to completing in-situ EAB is based on the following Site understanding.

- A carbon source is required to enhance microbial activity and strengthen reducing conditions.
- Site contaminants appear to be slowly naturally attenuating. Given the apparent mass reduction over time through natural processes, G-Logics understands the aquifer is anaerobic and has bacteria capable of complete reduction of vinyl chloride.
- G-Logics understands that trace levels of vinyl chloride contaminants exists in the dissolved phase (less than 1 ug/L vinyl chloride) at GL-MW-11 and GL-MW-12. Although low contaminant mass appears to exist in the dissolved phase, contaminant mass is assumed to be sorbed to subsurface soils, likely causing a slow dissolution of contaminants into the aquifer. Delivering amendment to the subsurface to promote EAB may temporarily increase dissolved-phase mass (and therefore temporarily increase chlorinated-solvent concentrations in the groundwater). However, this process will help to remove the "source" of dissolved-phase contamination.

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- Delivery of amendment will be completed via gravity feed. Amendment will be delivered in 50-gallon increments at existing monitoring wells GL-MW-11, GL-MW-12, and GL-MW-13. Two full days are anticipated to complete injections.
- Maintaining an adequate aquifer pH between 6-8.5 is critical to the success of in-situ EAB. Performance monitoring will be conducted on a quarterly basis in order to monitor and potentially modify subsurface conditions so that they remain suitable for EAB. Additional efforts may be required to optimize aquifer conditions.

Scope of Services

Based on our understanding of Site conditions and the requirements of LMC Gilman Square, LLC, G-Logics will perform the following tasks to implement in-situ EAB at the Site.

- Conduct a baseline sampling event to measure geochemical parameters and contaminant concentrations prior to performing injections.
- Evaluate an injection approach and procedure.
- Acquire injection permit from Ecology to perform injections.
- Procure injection chemicals and materials.
- Perform injections at GL-MW-11, GL-MW-12, and GL-MW-13.
- Monitor injection performance on a quarterly basis (four events).
- Submit a Cleanup Performance Memorandum documenting progress of EAB at one year post-injection.

In order to complete in-situ EAB at the Site, the following activities also are covered under this change order:

- Install a 2-inch monitoring well to replace existing monitoring well GL-MW-13 (previously damaged during construction activities).
- Collect groundwater geochemical parameters and samples to support an NFA decision.

Project Schedule

G-Logics will conduct baseline monitoring within two weeks of authorization of work. Upon receipt of laboratory analytical data, G-Logics will evaluate an injection procedure, procure chemicals and materials, and coordinate with third-party services (e.g., schedule

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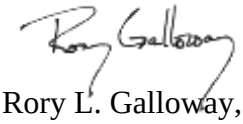
drilling subcontractor, perform utility clearance, acquire injection permit). G-Logics assumes injection and drilling field work will be conducted within 30 days after baseline sampling, pending injection permit approval. After injections are complete, G-Logics will conduct four quarters of performance monitoring to assess and document groundwater conditions.

Authorization

In accordance with our signed contract #21472323, a signed copy of this letter, returned to us and will serve as your authorization for the additional project funding.

We appreciate this opportunity to provide our services to LMC. Please contact us at your convenience with any questions.

Sincerely,
G-Logics, Inc.



Rory L. Galloway, LG, LHG
Principal

Steve Holmes, P.E.
Environmental Engineer

Additional funding approved by (signature)
LMC Gilman Square, LLC

Date

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DEPARTMENT OF ECOLOGY
State of Washington

Underground Injection Control (UIC) Well Registration Form for Voluntary or Independent Cleanup Sites

The purpose of this form is to register with the Department of Ecology UIC wells used at voluntary clean up sites that inject products or treated ground water

A. Facility Name and Location

Facility Name: Gilman Square
Facility Address: 615 NW Gilman Blvd
City: Issaquah State: WA ZIP: 98027
Phone at the facility: Rob Shaffer, Site Construction Super, (206) 445-2128

County: King County, Parcel 2824069284
Township, Range, Section, Quarter-Quarter: 24N 6E, 21-SW-SE, 28-NW-NE

B. Contact Information

Well Owner

Name: LMC Gilman Square LLC
Organization: Developer
Address: 1325 Fourth Ave, Suite 1700
City: Seattle State: WA ZIP: 98101
Phone: (206) 683-2966
Email: dan.sheider@lennar.com

Property Owner

Same as Well Owner: ☒
If not the same, complete below:
Name:
Organization:
Address:
City: State: ZIP:
Phone:

Technical Contact Person, if applicable (Engineer, Contractor, Consultant)

Name: Stuart Hyde
Organization: G-Logics, Inc. / Env. Consultant
Address: 40 2nd Ave SE
City: Issaquah State: WA ZIP: 98027
Phone: 425-391-6874
Email:

Facility Description

List the Primary Standard Industrial Classification Code (SIC) or NAIC Code for your facility (http://www.census.gov/epcd/www/naics.html)

SIC Code: _____ or NAIC Code: _____

Briefly describe the type or nature of business at this facility:

Facility previously as retail shopping center. Currently being redeveloped into three residential multi-family apartment complexes.
-A dry-cleaning business previously was located in the shopping center.

C. Site and Project information

The following information is required to determine rule authorization for UIC wells used at a **voluntary clean up site**. Please attach this information with your registration.

1. Describe the overall process. The table in Section E provides a place to list injection substances, amounts by weight, estimated volumes and the estimated maximum concentrations as the substance leaves the injection well. Alternatively, you may attach this information on a separate sheet.
2. Site map including the location of monitoring wells, UIC wells, the plume and ground water flow direction.
3. Drill logs and as-built drawings of monitoring wells.
4. Characterization of the hydrogeology at the site; include the depth to ground water, flow direction and hydraulic gradient.
5. Detailed evaluation of whether injected products and by products will be contained on site or not. Include a brief description of the monitoring plan, include the monitoring frequency, list of monitored wells and analytes tested.
6. Description of potential by-products.
7. Description of existing ground water quality.
8. Copy of access agreement if working on neighboring property

Approximately when will the injection project start? November 1, 2015

Approximately when will the injection project end? June 1, 2016

Distance from property line to nearest of surface water, to the nearest foot: 620 ft

Distance from property line to nearest drinking water well, to the nearest foot: 855 ft

Which drinking water supply wellhead protection area or source water intake protection area is the site located in (See the Washington State Department of Health website for protection areas in each county: Department of Health wellhead mapping? List the water district or none. Issaquah Water System, ID 36350

Dept. of Ecology Voluntary Cleanup Program Site Manager: Glynis Carrosino

Dept. of Ecology Voluntary Cleanup Program Site Number NW2823

E. Other UIC Well Information

	1	2	3	4	5	6	7
Well ID Name or Number	BIK-977	BIK-978	BIK-979				
Latitude (decimal)	47.541904	47.541888	47.541729				
Longitude (decimal)	-122.046819	-122.046546	-122.046656				
Construction Date	6/24/15	6/24/15	6/24/15				
EPA Well Type (see table)	5X26	5X26	5X26				
Status (Active, Unused, Closed, Proposed)	A	A	A				
Depth of UIC well	13 ft	14 ft	11 ft				
Injectate Information (Use this table or attach on a separate sheet)							
Injection substance	90% WATER,	10% LACTATE →					
Mass	417	417	417				
Mass Units	lb	lb	lb				
Volume[1]	50 GAL	50 GAL	50 GAL				
Volume Units	GAL	GAL	GAL				
Concentration[2]	10% WT/WT LACTATE →						
Concentration Units	WT/WT	WT/WT	WT/WT				

[1] Volume includes water or other liquid that is mixed with the injectate prior to injection.
[2] Estimate what the maximum concentration would be as the substance leaves the injection well.

EPA Class V Well Types

5A19 Cooling Water Return	5A6 Geothermal Heat	5W11 Septic System	
5D2 Stormwater	5R21 Aquifer Recharge	5W20 Industrial Process Water	5X26 Aquifer Remediation
5D4 Industrial Storm Runoff	5W9 Untreated Sewage	5W31 Septic System (well disposal)	5X27 Other Wells
5G30 Special Drainage Water	5W10 Cesspool	5W32 Septic System (drainfield)	5X28 Motor Vehicle Waste

Signature of authorized representative

I hereby certify that the information contained in this registration is true and correct to the best of by knowledge.

Name of legally authorized representative	Title
Signature of legally authorized representative	Date

For Department Use Only	
Site ID:	
Date received:	
Date acknowledged:	
Date Entered:	
Final Disposition:	

Please send completed form to:
UIC Coordinator
Water Quality Program,
Washington Department of Ecology
P.O. Box 47600
Olympia, WA 98504-7600

If you need this document in a format for the visually impaired, call the Water Quality Program at 360-407-6404. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

Instructions for the UIC Well Registration Form for Voluntary Cleanup Site

A. Facility Name and Location

Provide the name, address, and phone number of the facility where the UIC wells are or will be located. Provide the county parcel number for the facility.

B. Contact Information

Well Owner: Provide the well owner's name, organization, address and phone number.
Property Owner: Complete if different then the Well owner

Technical Contact: Provide the name, organization, address, and telephone number of the person to contact in case there are any questions about this registration.

C. Facility Description

SIC or NAIC Codes for your industry or commercial business: Enter the Standard Industrial Classification (SIC) four-digit code **or** North American Industry Classification System five or six-digit code (NAICS) for the facility.

These codes are used to describe the primary activity at the facility that generates the most money and may be found on fire marshal reports, insurance papers, or tax forms. The NAICS codes replaced the SIC system in 1997; however, it is usually easy to convert between the two systems so either code is acceptable. SIC or NAICS information is also available from the U.S. Census Bureau at 1-888-756-2427 or at http://www.naics.com/search.htm. Include a secondary code if applicable.

Briefly describe the type or nature of business at this facility: For example, a gas station, rental business for the home, yard, and contractor equipment with in-house maintenance shop, or retail convenience store.

D. Site and Project Information

Provide the answers to questions, section D as an attachment. Some of the questions can be answered in section E. Ecology will contact you if the additional information is needed.

E. Other UIC Well Information

- Well ID: Provide your well identification name or number.
- Latitude and longitude: Enter the latitude and longitude in decimal degrees for each UIC well. Visit http://ww4.doh.wa.gov/scripts/esrimap.dll?Name=geoview&Cmd=Map and type the address in at the bottom of the screen. Locational information including, latitude and longitude will be found in a table below the map.
- Construction Date: Provide the approximate date the well was installed. EPA well type:
- EPA well types are listed in the table 1 below.
- Status: Active if the well is in use; unused if well is not in use, closed, or proposed if the well is in the design phase.
- Well depth: Provide the approximate well depth.
- Injection substance: provide name of product to be injected.
- Provide mass of injected substance and mass units.
- Provide the mass units of the injected substance.
- Provide the volume, volume units, concentration of the injected fluid and the concentration units.

If you need *this document in a format for the visually impaired, call the Water Quality Program at 360-407-6404. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.*

SITE AND PROJECT INFORMATION

1. Describe the overall process. The table in Section E provides a place to list injection substances, amounts by weight, estimated volumes and the estimated maximum concentrations as the substance leaves the injection well. Alternatively, you may attach this information on a separate sheet.

    a. This is described in Section E. In brief, this work consists of introducing nutrients and carbon into the subsurface to enhance anaerobic bioremediation and biodegradation of low-level concentrations of vinyl chloride in the groundwater.

2. Site map including the location of monitoring wells, UIC wells, the plume and ground water flow direction.

    a. Site maps are attached.

3. Drill logs and as-built drawings of monitoring wells.

    a. Well Logs are attached.

4. Characterization of the hydrogeology at the site; include the depth to ground water, flow direction and hydraulic gradient.

    a. Perched groundwater at the site is found at approximate depths of 4 to 5 feet. During geotechnical testpit work, light to moderate groundwater seepage was encountered at this depth and located above an underlying silt/clay soil layer. A hydraulically connected groundwater zone is located at a depth of approximately 15 feet (below the silt/clay layer) and is under slight artesian pressure. The vinyl-chloride contaminants are present only in the perched groundwater at the site.

    b. Groundwater flow directions have historically been to the north, northeast, and northwest, with a very low hydraulic gradient. Due to dewatering activities for building construction, flow directions have been found flowing both to the north and to the south, depending on the time of year and construction activities occurring at that time. Hydraulic gradients remain very low.

5. Detailed evaluation of whether injected products and by products will be contained on site or not. Include a brief description of the monitoring plan, include the monitoring frequency, list of monitored wells and analytes tested.

    a. Injected products will remain on-site. 90 percent of the injected material will be potable water, 10 percent will be a sodium lactate substrate, and <0.1 percent will be sodium bicarbonate (i.e., baking soda). Sodium lactate is a non-toxic, relatively immobile substrate. The sodium lactate will sorb to native soils, and will ferment out over an approximate period of 90 days. Sodium bicarbonate will be added to maintain an adequate pH within 6-8. Monitoring will occur on a quarterly basis at the three injection wells (BIK-977, BIK-978, BIK-979), and will be analyzed for volatile organic compounds, dissolved gasses (methane, ethane, ethene), total organic carbon, and ferrous iron. pH and oxidation reduction potential will be monitored using a field kit.

6. Description of potential by-products.

    a. The sodium lactate substrate is 60% fermentable material, which will ferment to fatty acids (e.g., lactic acid). Primary by-products include lactic acid, carbon dioxide, and methane. The injected material will degrade vinyl chloride (currently present in groundwater at the Site) to less harmful by-products (carbon dioxide).

7. Description of existing ground water quality.

    a. The shallow groundwater present in the wells is interpreted to be infiltrated surfacewater and not representative of the regional groundwater aquifer. Tables summarizing the geochemical conditions of groundwater and contaminant concentrations are attached to this document.

8. Copy of access agreement if working on neighboring property.

    a. No work will be conducted on neighboring properties.

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ATTACHMENTS

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Interim Cleanup Action Report
Gilman Square, 615 NW Gilman Blvd
Issaquah, WA 98027

G-Logics Project 01-0868-J
December 2, 2015

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