PRE-DEMOLITION ENVIORNMENTAL SUMMARY REPORT

Prepared By: Engeo

Project No.
10391.000.000

October 13, 2014

Ms. Elaine Breeze
SummerHill Apartment Communities
777 South California Avenue
Palo Alto, CA 94304

Subject: Rollins Road – Carolan Avenue Parcels
APN 026-240-290,026-240-370, 026-240-360, and 026-240-370
Burlingame, California

PRE-DEMOLITION ENVIRONMENTAL SUMMARY REPORT

Dear Ms. Breeze:

We are pleased to provide our environmental summary of the subsurface soil and groundwater conditions for the Rollins Road – Carolan Avenue Parcels in Burlingame, California (Property) (Figure 1). The purpose of the study was to develop an overview of the existing environmental subsurface data as it relates to the planned redevelopment of the Property. In addition, we undertook a subsurface soil sampling program in the area of the former underground storage tanks (USTs) at 1019 Rollins Road. This study was conducted to address concerns the San Mateo County Environmental Health Department (SMCEHD) stated after a review of the referenced 2013 ENGEO Phase II Environmental Site Assessment.

The referenced reports identified environmental conditions that warranted further evaluation prior to beginning the planned design and construction of the residential development. A number of documented USTs have been removed from the Property that reportedly contained fuels, oil, and paint thinner. Some of the UST removals have been approved and granted case closures from the San Mateo County Environmental Health Department (SMCEHD) while other tanks have been removed with no closure documentation found in the County files. County closure letters are provided in the Appendix under each site address. A complete list of reports compiled for the Property is provided in the reference section of this report.

The existing commercial land use was considered by the County during the tank closure and approval process. Since it is now planned to develop the site for residential use, the County requested additional characterization to address potential residual contamination associated with the former UST at 1019 Rollins Road.

BACKGROUND

Prior to 1943, the Property appears to have been undeveloped open space. This former near-shore area was initially developed as reclaimed land using fill materials. By the mid-1940s, the parcels currently at 1017 and 1025 Rollins Road contained a lumber planing mill and storage

areas. Previous environmental assessments reported that by 1948, a coal storage area was situated on the east side of the Property, where the current 1017 Rollins structure is situated (Figure 3).

Development on the Property in the mid- to late-1940s included structures situated on 1007 Rollins Road and 1008 Carolan Avenue. The Property at 1028 Carolan Avenue also appears to have maintained lumber storage areas in the late 1940s.

Beginning in the 1950s and continuing to the present time, the Property was developed with commercial and automotive services structures. The Property currently encompasses an area with a history of mostly commercial and automotive services ranging from automobile sales, service and maintenance. The former use and locations of multiple underground storage tanks (USTs) have been identified on a number of the parcels. In addition, above-ground fuel storage tanks and a number of above-ground lifts have been noted in the automotive servicing areas within structures on the Property (Figure 2).

SUMMARY - UNDERGROUND AND ABOVE-GROUND STORAGE TANK HISTORY

1007 Rollins Road - Two Underground Storage Tanks

In May 1994, the City of Burlingame issued a permit to remove two 1,000-gallon USTs; one tank contained waste oil and the other tank contained motor oil. In May 1994, Accutite Environmental Engineering removed both USTs in accordance with requirements set forth by the SMCEHD, under the supervision of inspector Miguel Trujilo. The tanks were found in good condition and hauled offsite by Erickson, Inc. The County inspector requested a total of six soil samples be collected; two soil samples were collected from the bottom of each excavation (ranging between 7 and 9 feet) and two discrete samples were collected from the excavated stockpiled soil. Groundwater was not encountered during excavation.

Review of the laboratory test results found detectable concentrations of total oil and grease in the samples collected at the bottom of both tank excavations. The samples collected from the waste oil tank excavation were reported non-detect for purgeable petroleum hydrocarbons (TPH-G/BTEX), extractable petroleum hydrocarbons (TPH-D) and halogenated volatile organics (EPA Method 8010), with low levels of metals. A summary of the laboratory test results is provided in Appendix A.

Accutite Environmental Engineering indicated that the total oil and grease level below each tank excavation were below 100 mg/kg and do not extend further than two feet into the native soil. The excavations were backfilled with stockpiled soil and clean imported fill.

On August 10, 1994, the SMCEHD issued a “no further action” letter to Mike Harvey (Appendix A).

Above-Ground Storage Tank

In October 1997, E2C, Inc. completed an investigation of a leaking motor oil line and removal of impacted soil at 1007 Rollins Road (Figure 2). The motor oil line extended from a 500-gallon above-ground motor oil storage tank. The source of the leak was a ¼-inch-diameter hole found in the line that extended beneath the driveway. Cleanup included the excavation of 4 feet of soil below the ground surface. A confirmation sample was collected at the base of the excavation. Laboratory results showed a TRPH concentration of 2,100 ppm remained at the 4-foot excavation depth on October 1997.

Based on the elevated concentration of TRPH, the excavation was extended vertically to a depth of 8.5 feet and laterally to a dimension of 10 feet by 20 feet. Additional samples were collected from the sidewalls and the floor of the excavation. A soil sample collected at a depth of about 8.5 feet in the bottom of the excavation was found to contain 2,200 mg/kg TRPH. The two sidewall samples were found to contain TRPH at 52 and 800 mg/kg, respectively. Trace levels of toluene, ethylbenzene and xylenes were also detected.

Based on the results, E2C recommended the removal of additional impacted soil from the bottom of the excavation. After consulting with Ms. Gail Lee of the SMCEHD, it was agreed that a grab groundwater sample be collected if groundwater was encountered during the additional excavation operations. In October 1998, the excavation was extended to a depth of 12 feet where groundwater began to enter the excavation. The excavation was subsequently widened to remove additional impacted soil. Laboratory testing of a sidewall sample found 800 mg/kg of TRPH at shallow sidewall depth of 2.5 feet. E2C determined that the remaining levels of TRPH in the sidewall were likely below 800 mg/kg and would diminish over time from biological attenuation.

A soil sample was collected for laboratory testing from the 12-foot excavation depth, along with a grab groundwater sample. The test results summarized in Appendix A show TRPH detected at 27 mg/kg in the soil and the groundwater was found to be non-detect for TRPH.

On April 10, 2000, San Mateo County issued a *Soil Only Closure Memorandum* stating that the motor oil leak is considered a low-risk soil case as defined by the California Regional Water Quality Control Board. On April 28, 2000, the SMCEHD issued a case closure letter for the motor oil line leak at Les Vogel Dodge, 1007 Rollins Road.

ENGEO's Phase II investigation in August 2013 included two borings and one soil vapor sample in the area of a former UST west of the automobile service building at 1007 Rollins Road. Diesel was detected at levels of 4.6 to 100 mg/kg at a depth of 11.5 to 12 feet. The results are summarized in Appendix A.

1017 Rollins Road

On January 20, 1967, a permit for the installation of a 7,500-gallon UST tank was issued by the Bureau of Fire Prevention and Public Safety-Burlingame Fire Department. The permit shows that Class I liquids would be stored but did not identify the liquid. It is likely that the UST would

have been used for gasoline or diesel fuel storage. We found no records in either the Fire Department or County files documenting the installation of the tank or permits for the tank removal at a later date. A copy of the permit is provided in Appendix B.

1019 Rollins Road

In April 1973, the Bureau of Fire Prevention and Public Safety- Burlingame Fire Department issued a permit to install two USTs: one 1,000-gallon tank containing gasoline and one 500-gallon tank containing solvents.

County files include the findings from May 1985 where the Teevan Company collected four "liquid" samples, eight soil samples (A and D), and one sample of sludge for laboratory testing. The purpose of the study was to characterize the levels of solvent/oil mixture and mercury in the soil at 1019 Rollins. The laboratory testing found elevated levels of Tetrachloroethene (TCE) in the liquid samples. Elevated levels of lead and mercury were also recorded. The results are summarized in Appendix C.

County files show that on November 13, 1985, a representative from the SMCEHD conducted an inspection of 1019 Rollins Road. It was determined that the contaminated soil was removed and the sump was filled and compacted with clean fill. The County required the installation of groundwater monitoring wells with the soil and groundwater samples analyzed for specific compounds, prior to the County considering the site clean-up complete. On November 15, 1985, the County issued a follow-up letter defining the procedural steps required for monitoring well installation at 1019 Rollins Road.

The City of Burlingame issued a permit to remove one 1,000-gallon gasoline storage tank and one 500-gallon tank containing thinner on February 28, 1986. The USTs were removed by Petroleum Products of San Jose with soil and groundwater samples collected and analyzed by Hull Development Lab, Inc. The location and details pertaining to the sampling were not found in the County files. However, the laboratory reports provided by Hull Development Lab, Inc. were found in the 1019 Rollins Avenue file at the San Mateo County Environmental Health Department. The laboratory test results summarized in Appendix C show that traces of total purgeable hydrocarbons remained in the groundwater and were not detected in the soil samples.

Review of a 1995 case closure letter found that Petroleum Products of San Jose removed the USTs in 1986. The analytical results from the soil samples collected from beneath the tanks showed xylene ranging from 0.730 to 188 ppm, mineral spirits ranging from 17 to 190 ppm and Acrolein and Acrylonitrile at 10 ppm in the soil after tank removal. In January 1991, Hydro-Geo Consultants completed a preliminary evaluation of soil/groundwater contamination at 1019 Rollins Road. Twenty-two borings were advanced to collect soil samples for laboratory testing for industrial solvents and heavy metals. The results summarized in Appendix C show that lead, mercury and xylene were found in the soil at concentrations that did not represent an environmental concern. The report concluded that the concentrations of metals in the soil do not exceed the TTLC (ten times the STLC) for classification as hazardous waste.

Review of the 1995 closure letter also found that an additional groundwater monitoring well, MW-4, was installed on March 15, 1994, to satisfy a County request for a well proximate to the sump area. Prior to case closure, samples were collected from the monitoring well for four consecutive quarters. Subsequently, due to low levels of soil contamination and trace levels of benzene remaining in the groundwater, the County staff recommended case closure. A copy of the County's closure letter for 1019 Rollins Avenue is included in Appendix C along with a summary of the laboratory test results.

1025 Rollins Road

The Bureau of Fire Prevention and Public Safety - Burlingame Fire Department issued a permit to install a 1,000-gallon UST containing waste oil on October 17, 1975. No permit to remove the tank was identified in our research. We found no records that the tank was installed and could not find documentation of the tank removal.

The SMCEHD issued a permit to close two underground hazardous materials storage tanks (one 8,000 gallon and one 2,000 gallon) on January 2, 1991. No permits to install the two tanks were identified in our research. An October 25, 1991, Accutite report discussed the removal of the 8,000-gallon and 2,000-gallon USTs. Figure 2 shows the approximate location of the former USTs. The report documented the collection of soil samples on April 1, 1991. The laboratory test results are summarized in Appendix D with low levels of gasoline, BTEX, oil and grease found in the soil.

Approximately 40 cubic yards of gasoline-contaminated soil was aerated onsite and used as backfill, along with 57 tons of imported Class #2 gravel. The backfilling of the excavations took place on April 16, 1991. According to Accutite, the attempt to bioremediate approximately 46 cubic yards of oil- and grease-contaminated soil proved unsuccessful and the soil was profiled and disposed at a landfill on August 16, 1991. The results from the sampling that took place on April 1 and August 9, 1991, are summarized in Appendix D.

The County issued a case closure for the two underground storage tanks located at 1025 Rollins Road on January 24, 1994 (Appendix D).

ENGEO collected soil samples in the former UST locations at 1025 Rollins Road in 2013. Laboratory testing found low levels of motor oil with no evidence of impacts from total petroleum hydrocarbons (TPH). It appeared that the tank backfill soil extended to a depth of about 11 feet before the sampling probe encountered native soil. The results are summarized in Appendix D.

1008 Carolan Avenue

The Bureau of Fire Prevention and Public Safety- Burlingame Fire Department issued a permit to install two 1,000-gallon USTs (new and waste oil) on July 15, 1980. The two USTs are located in the driveway adjacent to the lube storage room and front of the lube building.

On June 30, 1980, an inspector from the Fire Department witnessed the removal of one 2,500-gallon waste oil tank. We found no permit for this tank in the County files. Additionally, the inspector witnessed the installation of the aforementioned two 1,000-gallon USTs.
A 1984 Fire Department site inspection report lists a 2,500-gallon UST for gasoline, a 2,500-gallon UST for diesel a 1,000-gallon UST for oil and a 1,000-gallon UST for waste oil.

On July 2, 1986, the City of Burlingame issued a permit for the removal of two 500-gallon USTs, two pumps, and a vent located at 1008 Carolan. No documentation regarding the prior installation of the two 500-gallon USTs were found in our research.

ENGEO's Phase II investigation in August 2013 included the collection of soil, groundwater, and soil vapor samples from the area of the former excavation. Laboratory testing detected diesel in the soil at 37 mg/kg. A groundwater sample collected from a depth of 6 feet found TPH-gasoline at 910 ug/L with TPH-diesel at 0.68 mg/L. Review of the soil gas test did not find significant levels of TPH or VOCs in the samples tested. The results are summarized in Appendix E.

1016 Carolan Avenue

On June 3, 1980, an inspector from the Burlingame Fire Department witnessed the installation of two 2,000-gallon USTs to contain gasoline and diesel and two 500-gallon USTs to contain waste oil and motor oil. No County issued permit was found for the installation of the two 500-gallon USTs. The County files document the removal of two undocumented 500-gallon USTs reported at 1008 Carolan Avenue in 1986; however, we believe that the tank removal probably actually occurred at 1016 Carolan Avenue.

1020 Carolan Avenue

An inspection was completed by a representative from the Burlingame Fire Department on February 2, 1984. The reported findings include the following tanks in operable condition: one 1,000-gallon UST for gasoline; one 1,000-gallon UST for diesel; one 550-gallon UST for oil; and one 550-gallon UST for waste oil.

In May 1990, the SMCEHD issued a permit to remove two 550-gallon and two 2,000-gallon USTs. Dirk J., a representative of SMCEHD, witnessed the removal of the tanks and reported no visible soil contamination. Soil samples were collected by SMCEHD in May 1990. The laboratory test results summarized in Appendix F show no significant levels of soil impact from the former USTs.
In June 1997, the San Mateo County Health Services Agency issued a letter declaring that no further action is required for the removal of the four USTs at the former Burlingame Subaru located at 1020 Carolan Avenue.

ENGEO'S 2013 Phase II investigation included soil, groundwater, and soil vapor sampling within the area of the buildings at 1016 and 1020 Carolan Avenue. The results, summarized in Appendix F show trace levels of TPH in the soil.

1028 Carolan Avenue

County records document two above-ground hydraulic lifts noted as potentially connected to a below-grade oil reservoir at this address. The County inspector also noted two capped/grouted former lifts with six former lifts identified. The site was also found to maintain a 250-gallon above-ground waste oil storage tank and a 110-gallon organic solvent storage drum. The two above-ground auto lifts appeared to be serviced by piping from a below-grade oil reservoir.

ADDITIONAL SUBSURFACE EXPLORATION AND SOIL CHARACTERIZATION

1019 Rollins Road

We met with the SMCEHD on August 8, 2014, to discuss the status of the Property and to review work previously completed for the multiple addresses within the Property. The County representative commented that their review of ENGEO's 2013 Phase II investigation questioned the correctness of the UST and sump locations shown at 1019 Rollins Avenue. The County requested an additional subsurface study to more clearly identity and characterize the soil within the former UST and sump excavations.

Prior to beginning the subsurface study at 1019 Rollins Road, we submitted a records review request to access the available SMCEHD environmental documents for the site. We found documentation for the location of the former underground fuel storage tank and waste oil tank on this parcel. A case closure memorandum was prepared by SMCEHD in 1995 for this address. A copy of the letter is provided in the Appendix.

A site plan showing the approximate location of the former USTs and sumps was used to locate the planned Geoprobe locations (Figure 6). During the subsurface exploration, we encountered backfill in the former tank excavations, which exhibited a distinct petroleum hydrocarbon odor. The Property appeared to be in an area underlain by silty, sandy fill mixed with clay over clayey marsh deposits.

Soil Sampling

Prior to beginning the subsurface sampling program, Underground Service Alert (USA) was contacted to clear the perimeter of the Property for underground utilities that could be impacted by the drilling equipment. The subsurface phase of the study was undertaken on September 22, 2014. Four Geoprobe borings were advanced to an approximate depth of 15 feet below the ground surface using a PowerProbe Geoprobe rig in direct push mode (Figure 2). All borings were logged by an ENGEO geologist under the supervision of a registered Professional Geologist.

Soil samples were retrieved within continuous Geoprobe® acetate core liners measuring 5 feet in length. Continuous soil cores from each probe location were logged by an ENGEO geologist. Specific soil samples were collected for laboratory analysis by cutting a 6-inch portion of the Geoprobe soil core liners corresponding to the respective desired sampling depth in each

location. The samples were collected from various depths of the sampled soil profile, and target analytes were selected based on potential presence of contaminants with respect to soil depth. During sampling, retrieved soils were screened for visual and olfactory evidence of impact and included the use of a photoionization detector (PID)

A total of 12 soil samples were submitted for laboratory testing. The soil samples were submitted under documented chain-of-custody to Torrent Laboratory Inc., a State-accredited fixed-base analytical laboratory and tested for the following target analytes:

- Total petroleum hydrocarbons as gasoline (TPH-g) and volatile organic compounds (VOCs) by EPA Method 8260B.

- Total petroleum hydrocarbons as diesel (TPH-d) and motor oil (TPH-mo) by EPA Method 8015B with silica gel cleanup.

Discussion of Findings

Review of the laboratory test results found that the backfill soil within the former UST and sump excavations is impacted by total petroleum hydrocarbons as gasoline. Soil samples collected at a depth of 8 to 8.5 feet below the ground surface were found to contain gasoline ranging from 1,100 to 11,000 mg/kg. Soil samples collected from a depth of 12 feet below the ground surface were non-detect for gasoline. The laboratory test results are provided in Appendix G.

It appears that the petroleum hydrocarbon contamination within the former tank excavations is limited to the excavation backfill soils and does not extend below the bottom of the former excavation. Review of the earlier groundwater monitoring well laboratory test data from the early 1990s did not find evidence of significant impacts to the ground water in the area of the former tanks (Appendix C).

The proposed site grading plan and cut/fill plan (Figure 5) shows that this portion of the Property will be excavated as part of the underground parking structure. The planned depth of cut of about 8 to 10 feet will remove the area of gasoline-impacted soil. The former tank areas can be geo-located prior to site demolition and the beginning of grading. The soils in this area will likely require removal and off-haul to a Class II disposal facility. The guidelines for the removal, characterization, transport and disposal of this soil will be provided in a Soil Management Plan developed for the planned earthwork for the proposed residential development.

DISCUSSION AND RECOMMENDATIONS

A. Proposed Site Development

It is currently planned to redevelop the 5.40-acre Property with multi-family residential units. We understand that the project will include 22 2-story townhome condominiums in four buildings, 268 apartments in two 5-story buildings, semi-subterranean parking, landscaping and a public pedestrian paseo. The two 5-story residential apartment buildings over a two-level

semi-subterranean parking garage are planned in the northern portion of the Property. The proposed site grading plan and cut/fill plans are shown in Figures 3 and 5.
The southern portion of the Property will include four 2-story townhome condominium buildings. A tree-lined pedestrian paseo and landscaped open space with seating is planned between the apartment buildings and town homes (Figures 3 and 5).

Review of the proposed site grading plans shows that a significant engineered cut of up to 8 to 9 feet below the ground surface is planned in the northern portion of the Property for the construction of the underground parking. The excavation will impact the near-surface soils on 1017, 1019, 1025 Rollins Road and 1020 and 1028 Carolan Avenue (Figure 5).

Site grading in the southern portion of the Property for the townhomes and pedestrian way will include minor cutting and filling of about 1 to 3 feet to establish the planned site grades. The proposed foundation design for the townhomes is not available at this time, however, a concrete slab-on-grade construction could provide an added level of soil capping, along with the placement of the engineered fill in this area.

B. Pre 1940 - Undocumented Fill

Earlier environmental assessments of the Property's development history discuss the placement of undocumented and uncharacterized fill on the Property to achieve the current site grades. A subsurface geotechnical exploration undertaken by Rockridge in 2014 found that the Property is generally underlain by 2 to 5 feet of fill placed around the bay margin to reclaim land. The native soil beneath the fill was found to consist of medium stiff to very stiff fine-grained soil with varying sand and gravel content.

The planned engineered cut for the parking garage on the northern portion of the Property will likely expose the fill layer. These soils will require environmental characterization prior to their removal from the Property during the site grading activities. Suspect soil or debris in the fill should be identified during the grading and prior to offsite disposal. Procedures for the characterization of the soil will be provided in a SMCEHD approved Soil Management Plan.

Fill materials placed in the southern portion of the Property will probably be exposed during the site demolition and grading preparation process. Preparation and scarifying of the soil for engineered fill placement will likely expose any fill placed in this area. Soil staining or discoloration uncovered during the site preparation process will be addressed in accordance with guidelines provided in the Soil Management Plan. This could include the collection of soil samples for laboratory testing to determine the appropriate use or disposal options for the impacted soil.

Recommendation: During grading and construction, the developer should follow the protocols in the SMCEHD-approved Soil Management Plan (see Section G below) for characterization, stockpiling and reuse or disposal of excavated soils.

C. Former Planing Mill and Coal Storage Areas

The lumber planing mill and the coal storage areas mapped beneath 1017 Rollins Avenue were likely operational prior to the development of the current automotive sales and service structure (Figure 3). The current structure appears to have a slab-on-grade construction and if residual debris or potential contaminants from the past use remain, it is capped by the concrete slab.

Current development plans show that this area of the Property will be excavated for the construction of an underground parking garage for the planned multi-family residential units constructed above. The planned depth of engineered cuts range from about 8 to 9 feet below the current site grade. Residual contaminants from this past use, if they exist, could be exposed at the time of the building demolition. The soil excavated by the engineered cut will likely be transported from the site. Prior to transport, this soil will require environmental characterization to satisfy the off haul and disposal facility's requirements. Protocols for the excavation, stockpiling, characterization and reuse or disposal of impacted soil will be provided in the Soil Management Plan.

Recommendation: During grading and construction, the developer should follow the protocols in the SMCEHD-approved Soil Management Plan (see Section G below) for characterization, stockpiling and reuse or disposal of excavated soils.

D. Former Underground and Above-Ground Storage Tanks

Earlier sections of this report summarized the numerous investigations undertaken to identify and remediate the impacts of the past use of USTs on the various parcels in the Property (Referenced Reports) (Figure 4). Review of the laboratory test results generally confirms that the excavation and removal of the former underground tanks had reduced most of the soil contamination associated with each of the tanks.

In some locations, residual concentrations remain, but appear to be isolated to the area of the former tank and do not appear to represent a significant contamination concern. The soil in many of the sampling locations was clayey, and residual contaminated soil left in place at the time of the UST cleanup and removal appeared to be limited in its extent.

The current grading plan shows that the northern portion of the Property will be excavated for an underground garage. The planned 8- to 9-foot-deep excavation will generate a significant volume of soil that will be removed from the Property.

The former UST locations and excavations on 1017, 1019, 1025 Rollins Road and 1020 and 1028 Carolan Avenue will be exposed and excavated during the grading process. As discussed earlier, the former UST and sump locations at 1019 Rollins Road should be geo-located prior to demolition activities. Post demolition, the former tank excavations can be accessed for directed excavation, stockpiling and characterization of the suspect soil in this area. Protocols for the excavation, stockpiling, characterization and reuse or disposal of petroleum hydrocarbon impacted soil will be provided in the Soil Management Plan.

Recommendation: Prior to demolition, the developer should geo-locate the former UST and sump locations at 1019 Rollins Road. During grading and construction, the developer should follow the protocols in the SMCEHD-approved Soil Management Plan (see Section G below) for characterization, stockpiling and reuse or disposal of excavated soils.

E. Data Gaps

- During our review of the SMCEHD's and the Central County Fire District's files, we found a number of discrepancies and inconsistencies with regard to the number of underground and above ground fuel and waste oil storage tanks documented within the Property addresses. In some instances, we found permits for underground tank installation in the Fire District files (e.g., for 1017 Rollins Road, 1025 Rollins Road and 1018 Carolan Avenue), but we did not find corresponding records documenting the actual installation or subsequent removal of the tanks. In other instances, we found inspection reports documenting the observation of a tank removal, but we did not find corresponding permits for the installation of the tank or records documenting the removal or any soil or ground water sampling.

- The records for the site are complicated by the fact that there have historically been multiple formal and informal addresses for the site. In addition, there is no clear delineation on-site (e.g., fencing) that would allow regulators to clearly associate a particular tank location with a particular address. Consequently, we believe that some of the records might be associated with the wrong address.

- The Property is currently occupied by businesses that provide automotive maintenance and repair services. A number of the facilities at the site are known to maintain or have in the past used below-grade hydraulic lifts. Former hydraulic lifts sometimes have a small storage reservoir of approximately 20 to 30 gallons of hydraulic fluid. During our review of the SMCEHD files and Fire District files, we did not find records documenting the installation or removal of hydraulic lifts from the Property addresses.

- Based on the historical use of the site for automotive services, the gaps in the records, and our experience with similar sites, we anticipate that with a Property of this size, remnant tanks and undocumented buried structures could be encountered during the site development process.

Recommendation: To address the possibility that the developer might encounter remnant and/or undocumented buried tanks and other structures during excavation and grading, the Soil Management Plan should include procedures to appropriately characterize, remove and dispose of USTs; underground sumps, clarifiers and hydraulic lifts; and other underground structures during grading and excavation consistent with applicable regulatory standards. With these procedures, the Soil Management Plan will effectively address any current data gaps.

F. Post-Demolition Sampling

It appears that most of the soil at the site may be characterized for Class III disposal, while the soil with elevated TPH can be excavated separately for either Class I or Class II disposal based on laboratory testing of the excavated impacted soils. A sampling grid will be detailed in the Soil Management Plan for the building areas to quantify the soil for disposal options, prior to beginning the site excavation for the planned underground parking area.

Recommendation: Following demolition of the existing structures, the developer should conduct additional sampling and laboratory testing in the area beneath the existing structures to characterize the soil for excavation, removal, offsite transport and disposal in accordance with the Soil Management Plan. In particular, the additional sampling and laboratory testing should include parcels with a recorded history of UST use where a case closure letter from the County was not found in the County or Fire Department files.

G. Groundwater

The TPH levels found in the groundwater require that dewatering plans for the underground structure be implemented during construction and should consider possible onsite treatment prior to disposal to the city's sewer system. A small-scale carbon filtration system could be considered for water treatment. A skid-mounted or trailer-mounted filtration system could be used during construction across the site to pump and process the groundwater through a predetermined number of stages of increasingly fine filtration.

Recommendation: Prior to grading, the developer should prepare a dewatering plan for the site to be implemented during construction, subject to review and approval by the City of Burlingame. The dewatering plan may be included in the Soil Management Plan. The dewatering plan should include appropriate treatment requirements to provide that water from the site meets applicable pre-treatment standards prior to disposal into the city's sewer system.

H. Soil Management Plan

Recommendation: Prior to beginning the site development, the developer should prepare and submit a Soil Management Plan for approval by the SMCEHD. The Soil Management Plan should establish guidelines to address the soil excavation and removal during the construction process. The SMP will also provide details regarding methodology and protocols for the removal of USTs or other subsurface structures, if encountered.

The SMP should include protocols for the characterization and handling of excavated soil and will include report sections addressing the following:

- Use of field monitoring equipment (photoionization detectors or equivalent) to identify impacted soil and to identify sampling locations.
- Appropriate sample collection procedures and preservation techniques.

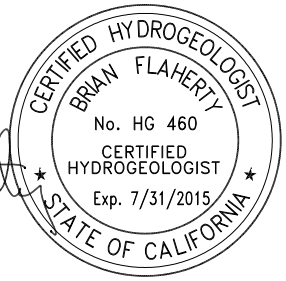
- Appropriate excavation confirmation sampling.
- Segregation of impacted soil from non-impacted soil and documentation of segregation.
- Appropriate stockpile best management practices.
- Protocols for offsite waste disposal at a permitted facility or protocols for soil reuse
- Contaminated groundwater sampling, handling, and management procedures.
- Protocols for the expedited removal of USTs or other underground structures, if encountered
- Site Health and Safety – a brief description of health and safety-related topics associated with the work described in the SMP.

The areas of soil with elevated TPH can be identified for separate excavation and removal at the time of site grading and excavation.

We look forward to working with you on this project. If you have any questions regarding the findings of this pre-demolition environmental summary report, please call and we will be glad to discuss them with you.

Sincerely,

ENGEO Incorporated



Brian Flaherty, CHG

Shawn Munger, CHG

bf/sm/jf

Attachments: List of Selected References
Figures
Appendix A – 1007 Rollins Road
Appendix B – 1017 Rollins Road
Appendix C – 1019 Rollins Road
Appendix D – 1025 Rollins Road
Appendix E – 1008 Carolan Road
Appendix F – 1020 Carolan Road
Appendix G – September 2014 – 1019 Rollins Road Laboratory Test Results

LIST OF SELECTED REFERENCES

1007 Rollins Road

Accutite Environmental Engineering, Report on the Removal of Two Underground Storage Tanks at 1007 Rollins Road, Burlingame, California, May 19, 1994.

City of Burlingame, 1007 Rollins Road, B Construction Permit- Underground Fuel Storage Tank (2) Removal, May 9, 1994.

County of San Mateo-Groundwater Protection Program, Les Vogel-Site Data Sheet, December 22, 2004.

County of San Mateo Health Services Agency, Case Closure of Motor Oil Line Leas at Les Vogels, 1007 Rollins Road, Burlingame, California, April 28, 2000.

County of San Mateo Health Services Agency, Removal of Underground Storage Tank, 1007 Rollins Road, Burlingame, California, August 10, 1994.

E2C-Environmental/Engineering Consultants, Investigation of Motor Oil Line and Removal of Impacted Soil, 1007 Rollins Road, Burlingame, California, December 21, 1998.

San Mateo County Groundwater Protection Program, Soil Only Closure Memorandum, 1007 Rollins Road, Burlingame, California, April 10, 2000.

San Mateo County, Permanent Tank Closure Inspection Sheet-Les Vogel-1007 Rollins Road, Burlingame, California, May 11, 1994.

1017 Rollins Road

Bureau of Fire Prevention and Public Safety- Burlingame Fire Department, Permit to Install One Underground Storage Tank, 1017 Rollins Road, Burlingame, California, January 20, 1967.

1019 Rollins Road

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John T. O'Rourke & Associates, Groundwater Analysis, 1019 Rollins Road, Burlingame, California, May 28, 1987.

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Bureau of Fire Prevention and Public Safety- Burlingame Fire Department ,Permit to Install One Underground Storage Tank, 1025 Rollins Road, Burlingame, California, October 17, 1975.

County of San Mateo Health Services Agency, Removal of Underground Storage Tank (no further action), 1025 Rollins Road, Burlingame, California, January 24, 1994.

San Mateo County Department of Health Services, Permit to- Close Underground Hazardous Materials Storage Tanks- 2 tank (1 @ 8000 gallons and 1 @ 20000 gallons), 1025 Rollins Road, Burlingame, California, January 2, 1991.

1008 Carolan

Bureau of Fire Prevention and Public Safety- Burlingame Fire Department ,Permit to Install Two Underground Storage Tanks, 1008 Carolan Avenue, Burlingame, California, July 15, 1980.

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City of Burlingame-Building Official, Permit to Remove Two Underground Storage Tanks, 1008 Carolan Avenue, Burlingame, California, July 2, 1986.

1016 Carolan

Bureau of Fire Prevention and Public Safety- Burlingame Fire Department, Inspection and Re-Inspection Report, 1016 Carolan Avenue, Burlingame, June 3, 1980.

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1018 Carolan

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1020 Carolan

San Mateo County Department of Health Services, Permit to- Close Underground Hazardous Materials Storage Tanks- 4 tanks (2 @ 550 gallons and 2 @ 20000 gallons), 1020 Carolan Avenue, Burlingame, California, May 2, 1990.

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FIGURES

N

0 FEET 2000

0 METERS 1000

BASE MAP SOURCE: GOOGLE EARTH PRO

ENGEO Expect Excellence

SITE LOCATION

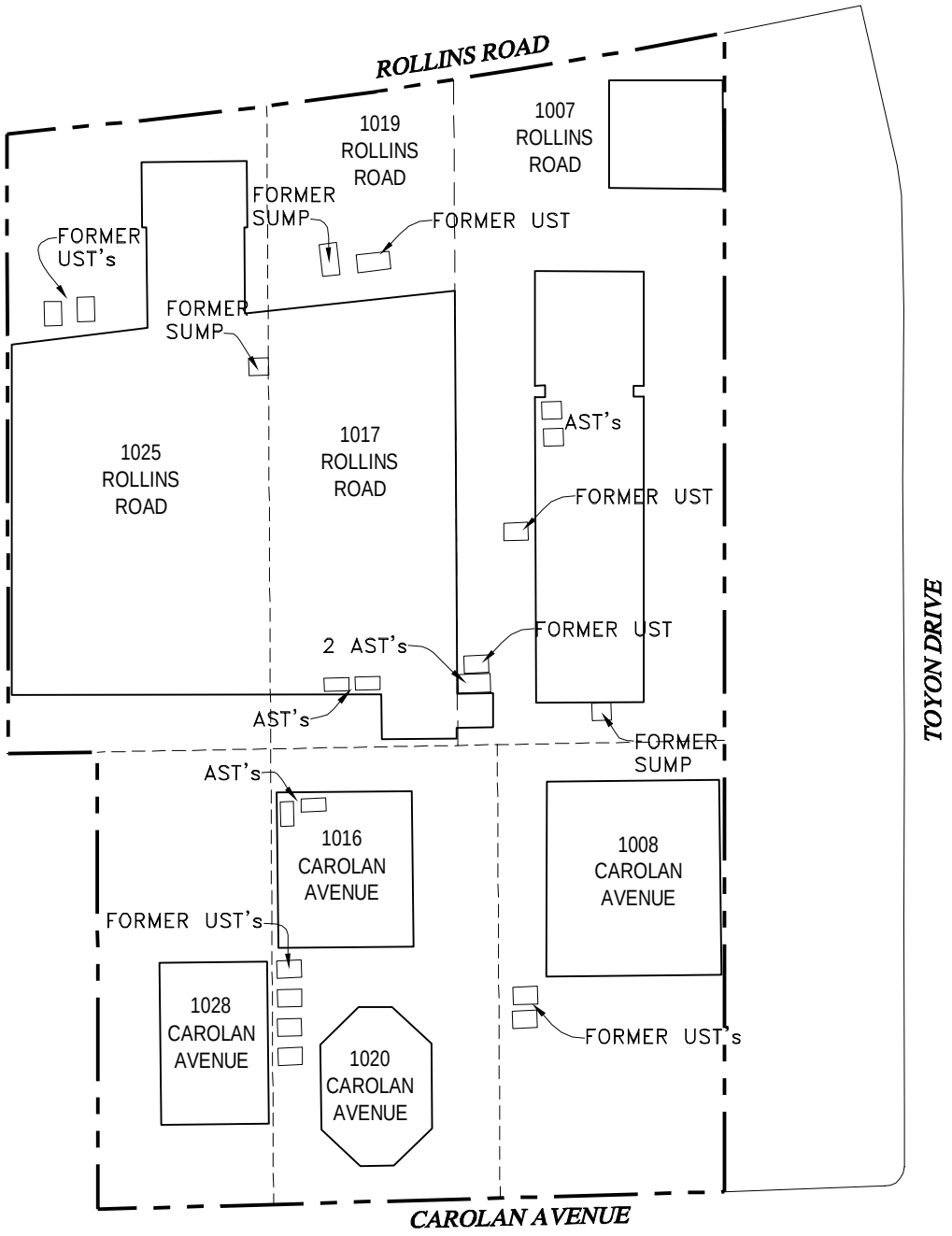
CAROLAN AVENUE / ROLLINS ROAD

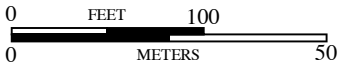
BURLINGAME, CALIFORNIA

PROJECT NO.: 10391.000.000			FIGURE NO. 1
SCALE: AS SHOWN			
DRAWN BY: DLB	CHECKED BY: BF		

G:\Drafting\DRAFTING2_Dwg_10000 to 12999\10391\SoilChar\10391000000-SoilChar-1-VicMap-1014.dwg Plot Date: 10-06-14 DBORDE

ORIGINAL FIGURE PRINTED IN COLOR





NOTE:
RECORDS INDICATE THE EXISTENCE OF AT LEAST 8 POSSIBLE ADDITIONAL CURRENT OR FORMER USTs BUT THEIR PRECISE LOCATION CANNOT BE DETERMINED FROM THE RECORDS.

ENGEO Expect Excellence

SITE PLAN

CAROLAN AVENUE / ROLLINS ROAD

BURLINGAME, CALIFORNIA

PROJECT NO.: 10391.000.000		FIGURE NO. 2
SCALE: AS SHOWN		
DRAWN BY: DLB	CHECKED BY: BF	

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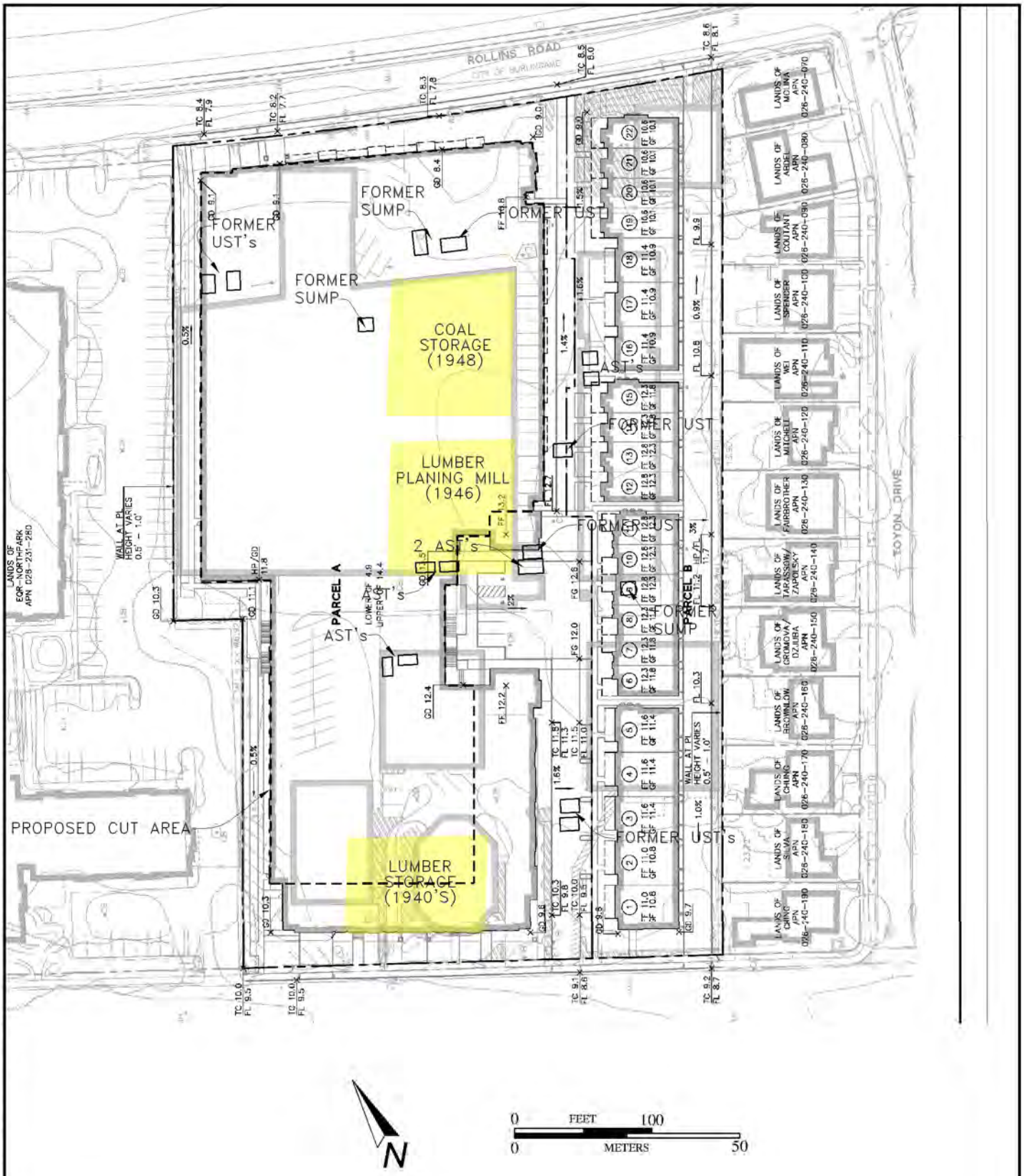
ORIGINAL FIGURE PRINTED IN COLOR



SOURCE: BKF

ENGEO Expect Excellence

PROPOSED GRADING AND EXISTING SITE CONDITIONS

CAROLAN AVENUE / ROLLINS ROAD

BURLINGAME, CALIFORNIA

PROJECT NO.: 10391.000.000		FIGURE NO. 3
SCALE: AS SHOWN		
DRAWN BY: DLB	CHECKED BY: BF	

G:\Drafting\DRAFTING2_Dwg_10000 to 12999\10391\SoilChar\10391000000-SoilChar-3=PropGrad-ExistCond-1014.dwg Plot Date:10-06-14 DBORDE

ORIGINAL FIGURE PRINTED IN COLOR

CITY OF BURLINGAME

ROLLINS

CPT-1
B-1
CPT-2
SGW-1
SGW-2
SGW-3
SGW-4
SGW-5
SGW-7
SGW-8
CPT-3
CPT-4
CPT-5
CPT-6
CPT-7
B-2
B-3
B-4
S5
W.O.-N-7'
W.O.-S-7'
W.O.-E-8'
W.O.-W-9'
W.O.-SP1
W.O.-SP2

FORMER UST's
FORMER SUMP
AST's

PARCEL A
PARCEL B

LOWER GF 4.9
UPPER GF 14.4

WALL AT PL
HEIGHT VARIES
0.5' – 1.0'

7' TALL BLOCK WALL

LANDS OF MOLINA
LANDS OF ABDEL
LANDS OF COUTANT
LANDS OF SPENCER
LANDS OF WEI
LANDS OF MITCHELL
LANDS OF FAIRBROTHER
LANDS OF TARASSOW/
LANDS OF GROMOVA/
LANDS OF BROWNLOW
LANDS OF SILVA
LANDS OF CHING

EXPLANATION

ALL LOCATIONS ARE APPROXIMATE

- BORING (ENGEO, 2013)
- BORING (ROCKRIDGE, 2013)
- CPT (ROCKRIDGE, 2013)
- SOIL SAMPLE (ACCUTITE, 1994)
- SOIL SAMPLE (ACCUTITE, 1991)
- SOIL SAMPLE (HYDRO-GEO, 1990)
- SOIL SAMPLE (E2C, 1997-1998)

N

0 FEET 50
0 METERS 25

SOURCE: BKF

ENGEO Expect Excellence

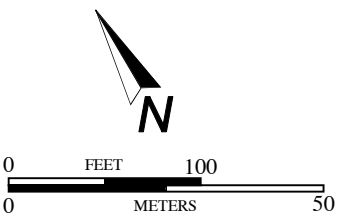
PREVIOUS EXPLORATIONS

CAROLAN AVENUE / ROLLINS ROAD

BURLINGAME, CALIFORNIA

PROJECT NO.: 10391.000.000	FIGURE NO. 4
SCALE: AS SHOWN	
DRAWN BY: DLB	CHECKED BY: BF

ORIGINAL FIGURE PRINTED IN COLOR



Earthwork Cut/Fil Table

Number	Minimum Elevation	Maximum Elevation	Color
1	8.00	8.00	
2	−8.00	−7.00	
3	−7.00	−6.00	
4	6.00	5.00	
5	−5.00	−4.00	
6	−4.00	−3.00	
7	−3.00	−2.00	
8	−2.00	−1.00	
9	1.00	0.00	
10	0.00	−1.00	
11	1.00	2.00	
12	2.00	3.00	

SOURCE: BKF

ENGEO Expect Excellence

CUT/FILL PLAN

CAROLAN AVENUE / ROLLINS ROAD

BURLINGAME, CALIFORNIA

PROJECT NO.: 10391.000.000		FIGURE NO. 5
SCALE: AS SHOWN		
DRAWN BY: DLB	CHECKED BY: BF	

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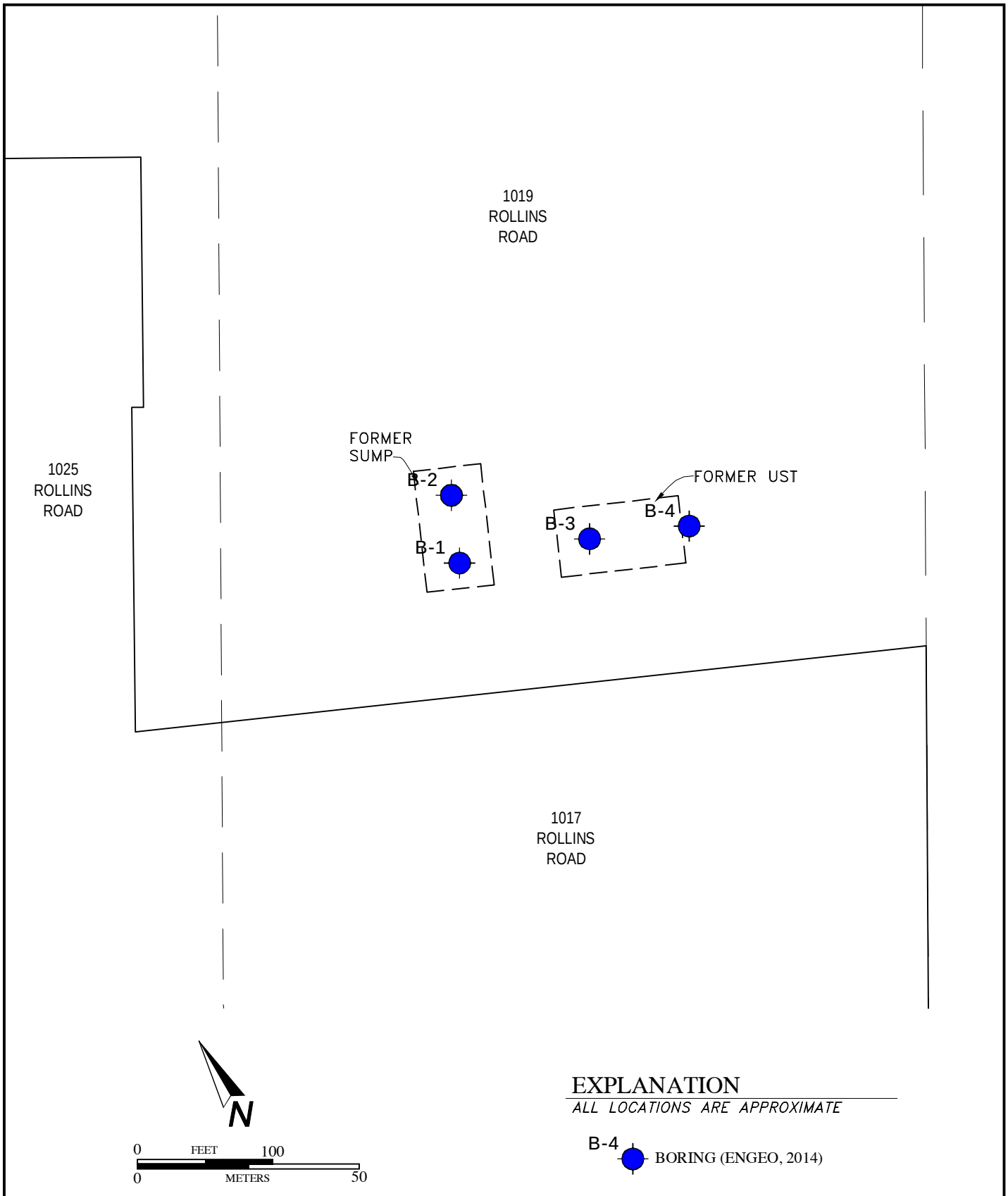
ORIGINAL FIGURE PRINTED IN COLOR



ENGEO Expect Excellence

SITE PLAN - 1019 ROLLINS ROAD

CAROLAN AVENUE / ROLLINS ROAD

BURLINGAME, CALIFORNIA

PROJECT NO.: 10391.000.000		FIGURE NO. 6
SCALE: AS SHOWN		
DRAWN BY: DLB	CHECKED BY: BF	

G:\Drafting\DRAFTING2_Dwg_10000 to 12999\10391\SoilChar\10391000000-SoilChar-6-1019Rollins-1014.dwg Plot Date:10-06-14 DBORDE

ORIGINAL FIGURE PRINTED IN COLOR

APPENDIX A

1007 Rollins Road

10391.000.000
October 13, 2014

Accutite Environmental Engineering- Analytical Results from Soil Samples
1007 Rollins Road May 11, 1994

Sample Identification	TPH/G (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl-Benzene	Total Xylenes
W.O.-N-7'	N.D.	N.D.	N.D.	N.D.	N.D.
W.O.S-7'	N.D.	N.D.	N.D.	N.D.	N.D.
W.O.-SP1	N.D.	N.D.	N.D.	N.D.	N.D.

W.O - Waste Oil Tank Excavation
O - Oil Tank Excavation
SP- Sotckpile
N.A. - Not analyzed
N.D. - Non-Detect

[1] Accutite Environmental Engineering, *Report on the Removal of Two underground Storage Tanks at 1007 Rollins Road, Burlingame, CA*

Accutite Environmental Engineering- Analytical Results from Soil Samples
1007 Rollins Road May 11, 1994

Sample Identification	TPH/D (ppm)	TOG (ppm)	EPA 8010 (PPM)
W.O.-N-7'	N.D.	90	N.D.
W.O.S-7'	N.D.	85	N.D.
O-W-9'	N.A.	N.D.	N.A.
O-E-8'	N.A.	89	N.A.
W.O.-SP1	2.7	N.D.	N.D.
O-SP1	N.A.	61	N.A.

W.O - Waste Oil Tank Excavation
O - Oil Tank Excavation
SP- Sotckpile
N.A. - Not analyzed
N.D. - Non-Detect

[1] Accutite Environmental Engineering, *Report on the Removal of Two underground Storage Tanks at 1007 Rollins Road, Burlingame, CA*

Accutite Environmental Engineering- Analytical Results from Soil Samples
1007 Rollins Road May 11, 1994

Sample Identification	Cadmium(ppm)	Chromium (ppm)	Lead (ppm)	Nickel (ppm)	Zinc (ppm)
W.O.-N-7'	0.87	120	11	90	47
W.O.S-7'	1	110	12	110	46
W.O.-SP1	1.1	42	11	33	41

W.O - Waste Oil Tank Excavation
O - Oil Tank Excavation
SP- Sotckpile

[1] Accutite Environmental Engineering, *Report on the Removal of Two underground Storage Tanks at 1007 Rollins Road, Burlingame, CA*

E2C- Analytical Results from Soil Samples
First Phase of Over-Excavation

Sample Identification	Sampling Date	TRPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Total Xylenes (mg/kg)
#1@4.0'	10/14/1997	2100	<0.005	<0.005	<0.005	<0.005
#2@8.5'	10/28/1997	2200	<0.005	0.007	<0.005	0.005
#3@4.0'	10/28/1997	52	<0.005	<0.005	<0.005	<0.005
#4@2.5'	10/28/1997	800	<0.005	<0.005	0.005	0.013

TRPH- total recoverable petroleum hydrocarbons
Notes: Elevated Concentrations of TRPH resulted in additional excavation. On October 28, 1997 the excavation was extended vertically to a depth of 8.5 feet below ground surface and horizontally to approximately 10 ft by 20 ft. Samples #2, #3 and #4 were collected from the sidewalls and the floor of the excavation (confirmation samples).

[1] E2C- Environmental/Engineering Consultants, *Investigation of Motor Oil Line and Removal of Impacted Soil,* 1007 Rollins Road; Dec 21, 1998.
[2] San Mateo County *Groundwater Protection Program,* Soil Only Closure Memorandum, 1007 Rollins Road; Apr 10, 2000.

E2C- Analytical Results from Soil Samples
Second Phase of Over-Excavation

Sample Identification	Sampling Date	TRPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Total Xylenes (mg/kg)
#5@12'	10/13/1998	27	NA	NA	NA	NA
W1@13'	10/13/1998	<500	NA	NA	NA	NA

TRPH- total recoverable petroleum hydrocarbons

NA- Not Analyzed

Notes: On October 13, 1998 the excavation was further extended to an approximate depth of 12 ft below ground surface (bgs). Groundwater wasencountered at 12 ft bgs. Collected one soil sample and one groundwater sample, #5@12' and W1@13', respectively.

[1] E2C- Environmental/Engineering Consultants, *Investigation of Motor Oil Line and Removal of Impacted Soil,* 1007 Rollins Road; Dec 21, 1998.

[2] San Mateo County *Groundwater Protection Program,* Soil Only Closure Memorandum, 1007 Rollins Road; Apr 10, 2000.

ENGEO, Inc.- Analytical Results from Geoprobe Sampling
August 15, 2013

Sample Identification	Sampling Date	Barium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)	TPH as Motor Oil (mg/kg)	TPH as Gasoline (ug/kg)	TPH as Diesel (mg/kg)
SGW-3@11.5'	8/15/2013	97	100	16	25	4.8	84	72	35	ND	ND	4.6
SGW-3@12'	8/15/2013	100	83	16	21	5.1	100	53	37	23	ND	100
SGW-4@10'	8/15/2013	100	89	ND	16	5.3	59	44	25	ND	ND	ND

Sample Identification	Sampling Date	1,1-Difluoroethane (ug/m^3)
SV-3	8/15/2013	136000

Notes:

GW- Groundwater

SGW- Soil Borings

SV- Soil Vapor

N.D. - Non-Detect

[1] ENGEO, Inc. *Rollins Road-Carolan Avenues Parcels ESA Phase II;* Aug 29, 2013.

August 1994- County of San Mateo Environmental Health Services Division issued a “no further action” letter

HEALTH SERVICES AGENCY
ENVIRONMENTAL HEALTH SERVICES DIVISION

August 10, 1994

Mike Harvey
1007 Rollins Rd.
Burlingame, CA 94011

SUBJECT: Removal of Underground Storage Tank, 1007 Rollins Rd., Burlingame, CA

Dear Mr. Harvey:

This letter confirms the removal of two underground storage tanks under San Mateo County permit number HM 042-94 at the subject site. With the provision that the information provided to this agency was accurate and representative of existing conditions, it is our position that no further action is required at this time.

Please be advised that this letter does not relieve you of any liability under the California Health and Safety Code or Water Code for past, present, or future operations at the site. Nor does it relieve you of the responsibility to clean up existing, additional, or previously unidentified conditions at the site which cause or threaten to cause pollution or nuisance or otherwise pose a threat to water quality or public health.

Additionally, be advised that changes in the present or proposed use of the site may require further site characterization and mitigation activity. It is the property owner's responsibility to notify this agency of any changes in report content, future contamination findings, or site usage.

Thank you for your cooperation in this matter. I may be reached at (415) 363-4719.

Sincerely,

Miguel Trujillo
Hazardous Materials Specialist III

cc: Dean Peterson, Program Manager

590 HAMILTON STREET, REDWOOD CITY, CALIFORNIA 94063
PHONE (415) 363-4305 • TDD (415) 573-3206 • FAX [415] 363-7882

April 28, 2000
San Mateo County Department of Environmental Health
Closure Letter- Motor Oil Line Leak
Les Vogel Dodge

HEALTH SERVICES AGENCY

April 28, 2000

SMCo SITE #669083

Phil Vogel
Les Vogel Dodge
1007 Rollins Road
Burlingame, CA 94010

SUBJECT: CASE CLOSURE OF MOTOR OIL LINE LEAK AT LES VOGEL DODGE 1007 ROLLINS ROAD, BURLINGAME, CALIFORNIA

This letter confirms the completion of site investigation and remedial action for the motor oil line leak located at the above described location. Enclosed is the Case Closure Summary for the referenced site for your records.

Based upon the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the soil and groundwater remediation at the subject site is required. However, total recoverable petroleum hydrocarbons at concentrations of 800 mg/kg in the soil remain at the site. Should any change in use of the property or development of the subject site occur which may impact site soil or groundwater, notification must be made to this office for approval. County oversight costs for management of contaminated soil or groundwater will be billed directly to the current property owner.

This notice is issued pursuant to regulations contained in the Title 23, California Code of Regulations. Please contact our office if your have any question regarding this matter.

Sincerely,

Dean D. Peterson, PE, REHS
Director, Environmental Health

enclosure

cc: RWQCB
SWRCB
DTSC

HEALTH SERVICES AGENCY

April 28, 2000

SMCo SITE #669083

Phil Vogel
Les Vogel Dodge
1007 Rollins Road
Burlingame, CA 94010

SUBJECT: CASE CLOSURE OF MOTOR OIL LINE LEAK AT LES VOGEL DODGE 1007 ROLLINS ROAD, BURLINGAME, CALIFORNIA

The enclosed case closure letter is a result of intensive review by San Mateo County Groundwater Protection Program (GPP) staff with concurrence from the Regional Water Quality Control Board staff. San Mateo GPP staff have determined that the water quality objectives of the San Francisco Bay Regional Water Quality Control Board have been satisfied. However, total recoverable petroleum hydrocarbons at concentrations of 800 mg/kg in the soil remain at the site. Should any change in use of the property or development of the subject site occur which may impact site soil or groundwater, notification must be made to this office for approval. County oversight costs for management of contaminated soil or groundwater will be billed directly to the current property owner.

Should you have questions, you may reach me at (650) 599-1679. Thank you for your cooperation.

Sincerely,

Paresh C. Khatri
Hazardous Materials Specialist
Groundwater Protection Program

Enclosure

cc: City of Burlingame, Building Department
City of Burlingame, Planning Department

APPENDIX B

1017 Rollins Road

10391.000.000
October 13, 2014

January 1967
Burlingame Fire Department
Permit to Install a 7500-gallon
Underground Storage Tank

GASOLINE PUMPS • TANKS • HOISTS • LUBRICATION EQUIPMENT
HOSES • GAUGES • NOZZLES

67

Permit

ROBERT F. INGHAM
SALES • SERVICE • INSTALLATION
GARAGE • SERVICE STATION • INDUSTRIAL

EMERSON 6-0505
CONTRACTOR

438 STANFORD AVENUE
REDWOOD CITY, CALIF.

BUREAU OF FIRE PREVENTION AND PUBLIC SAFETY
BURLINGAME FIRE DEPARTMENT
PERMIT

No. 0162

Permission is hereby granted A COLA CO.

Address 1017 ~~BAYSHORE BLVD~~ ROLLINS requests a permit to

☐ Remove
☒ Install
☐ Repair

☐ Buggy Tank
☐ Tank

of individual capacity 7500 Gallons for the storage of

☒ Class I
☐ Class II
☐ Class IIIA
☐ Class IIIB

Liquids; installation to be ☐ Above Ground ☒ Under Ground

☒ Pump
☐ Gravity
☐ Storage Room
☐ Cabinet

☐ STORE
☒ USE
☐ MANUFACTURE
☐ INSTALL

☐ Paints, Varnishes, etc.
☐ Calcium Carbide
☐ Explosives
☐ Exhibits in Lobby, etc.
☐ Refrigeration System

Aggregate Storage 7500 (Square Feet / Gallons / Pounds) commencing JAN. 20, 1967

Dimension

Tank and Equipment Inspection ..... Date ..... 194....

Installation by ROBERT F INGHAM

This permit is given under and by virtue of Section 15210 of the Fire Prevention Code.

R.E. MOORBY
~~H. L. JANSSEN~~, CHIEF OF DEPARTMENT

X .....
Applicant

Inspection Fee $ 2.50

By J. Howard Pearson

.....
Address

Application No. 0182

APPENDIX C

1019 Rollins Road

10391.000.000
October 13, 2014

Fireman's Fund Risk Management Services, Inc.-Teevan Company Laboratory Results
"Liquid" Samples May 1, 1985

Sampling Identification	Sampling date	Methylene Chloride (ug/l)	Chloroform (ug/l)	Tetrachloroethene (ug/l)
L1 (Sample #9)	5/1/1985	77.4	<0.05	<0.03
L1 (Sample #10)	5/1/1985	41.6	<0.05	<0.03
L2 (Sample #11)	5/1/1985	98.7	7.95	4.93
L2 (Sample #12)	5/1/1985	50.1	9.78	2.55

Fireman's Fund Risk Management Services, Inc.-Teevan Company Laboratory Results
Soil Samples May 1, 1985

Sampling Identification	Sampling date	Lead (ppm)	Mercury (ppm)
A1	5/1/1985	200	0.715
A2	5/1/1985	214.29	7.207
A3	5/1/1985	545.55	130.44
A4	5/1/1985	47.58	4.239
D1	5/1/1985	705.97	11.2
D2	5/1/1985	269.2	23.45
D3	5/1/1985	554.02	4.844
D4	5/1/1985	428.99	10.56
Sludge	5/1/1985	9.04	0.249

[1] Jim Teevan, Teevan Company; March 8, 1985

[2] Fireman's Fund Risk Management Services, Inc.; Teevan Company Laboratory Results; May 28, 1985.

* The sample locations are not mapped on Figure 4. ENGEO was unable to interpret the provided figure.

Hull Development Labs, Inc. Laboratory Results
Groundwater March 3, 1986

Sampling Identification	Sampling date	Total Purgeables (ug/kg)	Mercury (ug/L)
#500	2/28/1986	79	<2.0
#1000	2/28/1986	380	<2.0

Hull Development Labs, Inc. Laboratory Results
Soil Samples March 3, 1986

Sampling Identification	Sampling date	Total Purgeables (ug/kg)
#500	2/28/1986	ND
#1000	2/28/1986	ND

Hydro-Geo Consultants- Soil Samples analyzed for Lead, Mercury, and industrial solvents
November and December, 1990- This table only shows detected samples

Sampling Identification	Sampling date	Mercury Hg (mg/kg)	Lead (mg/kg)	Ethyl Benzene (mg/kg)	Xylenes (mg/kg)
B-1@7.5	11/20/1990	1.9	ND	ND	ND
B-2@6'	11/20/1990	0.42	ND	ND	ND
B-2@11'	11/20/1990	0.25	ND	ND	ND
B-5@8'	11/20/1990	ND	ND	1.6	16
B-8@6'	12/5/1990	0.05	1.2	ND	ND
B-8@6.5'-10'	12/5/1990	0.048	0.96	ND	1.9
B-8@11''	12/5/1990	0.049	1.5	ND	ND
B-8@16'	12/5/1990	0.047	4.1	ND	ND
B-9@6'	12/5/1990	0.049	ND	ND	ND
B-9@7'	12/5/1990	0.049	5.3	1.5	ND
B-9@9'	12/5/1990	0.047	2.9	ND	ND
B-10@7'	12/5/1990	0.048	0.76	ND	15
B-10@11'	12/5/1990	0.049	3.9	ND	ND
B-11@6'	12/5/1990	0.05	4.8	ND	ND
B-11@11'	12/5/1990	0.049	6	ND	ND
B-12@6'	12/5/1990	0.05	4.6	ND	ND
B-12@11'	12/5/1990	0.05	7.3	ND	ND
B-13@6'	12/5/1990	0.049	1.7	ND	ND
B-13@7'	12/5/1990	0.046	6.2	ND	20
B-13@11'	12/5/1990	0.097	5.9	ND	ND
B-13@16'	12/5/1990	0.14	5.2	ND	ND
B-14@6'	12/5/1990	0.047	5.4	ND	ND
B-14@8'	12/5/1990	0.05	5.9	ND	16
B-14@11'	12/5/1990	0.049	4.6	ND	ND
B-15@11'	12/5/1990	0.049	4.8	ND	ND
B-15@18.5'	12/5/1990	0.046	4	ND	37
B-16@11'	12/5/1990	0.33	6.9	ND	ND
B-16@16'	12/5/1990	0.097	4.2	ND	ND
B-16@21'	12/5/1990	0.047	6.6	ND	ND
B-17@5'	12/7/1990	0.33	ND	ND	ND
B-17@10.5'	12/7/1990	0.045	ND	ND	ND
B-17@21'	12/7/1990	0.05	ND	ND	ND
B-18@6'	12/7/1990	0.14	ND	ND	ND
B-18@11.5'	12/7/1990	0.1	ND	ND	ND
B-20@6'	12/7/1990	0.045	ND	ND	ND
B-20@11'	12/7/1990	0.05	ND	ND	ND
B-21@6'	12/7/1990	0.045	ND	ND	ND
B-21@11'	12/7/1990	0.046	ND	ND	ND
B-22@6'	12/7/1990	0.049	ND	ND	ND
B-21@11'	12/7/1990	0.048	ND	ND	ND

N.D. - Non-Detect

Hydro-Geo Consultants- Soil Samples analyzed for Lead, Mercury, and industrial solvents

John T. O'Rouke & Associates, Subsurface Investigation soil and groundwater
May 1986

Sampling Identification	Sampling date	Mercury Hg (mg/kg-wet)	Tetrachloroethane (ppb)	Lead (mg/kg-wet)	Total Hydrocarbons (ppm)
JOR-B-1@4.5'	5/12/1986	96	ND	ND	ND
JOR-B-1@7'	5/12/1986	200	87	120	220
JOR-B-1@16'	5/12/1986	160	ND	ND	ND
JOR-B-2@31'	5/12/1986	0.4	ND	ND	ND

John T. O'Rouke & Associates, Subsurface Investigation soil and groundwater, June 1986.
*Boring locations correspond to monitoring well locations.

ENGEO - Analytical Results from Geoprobe Sampling
August 15, 2013

Sample Identification	Sampling Date	Barium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)	TPH as Motor Oil (mg/kg)	TPH as Gasoline (ug/kg)	TPH as Diesel (mg/kg)
SGW-2@6.5'	8/15/2013	99	120	25	24	6.2	75	75	31	10	ND	ND
SGW-2@11'	8/15/2013	77	95	14	23	4.3	84	56	33	ND	1000	1100
SGW-2@15'	8/15/2013	120	52	11	18	5.3	31	46	26	150	290	260

Sample Identification	Sampling Date	TPH as Gasoline (ug/L)	Isopropyl Benzene (ug/L)	tert-Butylbenzene (ug/L)	Naphthalene (ug/L)	TPH as Diesel (mg/L)
GW-2	8/15/2013	620	1.9	1.5	0.64	0.34

Sample Identification	Sampling Date	1,1-Difluoroethane (ug/m^3)	tert-Butanol (ug/m^3)
SV-2	8/15/2013	80300	2650

Notes:
GW- Groundwater
SGW- Soil Borings
SV- Soil Vapor
N.D. - Non-Detect
[1] ENGEO, *Rollins Road-Carolan Avenues Parcels ESA Phase II;* Aug 29, 2013.

ENGEO - Phase II Investigation
September 2014

Sampling Identification	Sampling date	TPH (Gasoline) (ug/Kg)	TPH as Diesel (SG) (mg/Kg)	TPH as Motor Oil (SG) (mg/Kg)
ENG-S-1@8-8.5'	9/22/2014	3900000	23	ND
ENG-S-1@12-12.5'	9/22/2014	ND	ND	ND
ENG-S-1@15.5-16'	9/22/2014	ND	ND	ND
ENG-S-2@8-8.5'	9/22/2014	1100000	27	
ENG-S-2@12-12.5'	9/22/2014	ND	ND	ND
ENG-S-2@15-15.5'	9/22/2014	ND	ND	ND
ENG-S-3@8-8.5'	9/22/2014	11000000	15	ND
ENG-S-3@11.5-12'	9/22/2014	ND	ND	ND
ENG-S-3@15-15.5'	9/22/2014	ND	ND	ND
ENG-S-4@7.5-8'	9/22/2014	24000	36	12
ENG-S-4@11.5-12'	9/22/2014	ND	ND	ND
ENG-S-4@15-15.5'	9/22/2014	ND	ND	ND

N.D. - Non-Detect
ENGEO, Phase II Investigation, September 2014.

Summary of Groundwater Data Collected between 1986 and 1995

John T. O'Rourke & Associates- June 1986

Well ID #	Sampling Date	Cd (ppb)	Cu (ppb)	Pb (ppb)	Hg(ppb)	Ni (ppb)	Zn(ppb)	Tl (ppb)	Cr (ppb)	Se (ppb)	As (ppb)	1,2 Dichloro-ethene (ppb)	Xylenes (ppb)	Trans-1,2, Dichloro-ethene (ppb)	Benzene (ppb)	Ethyl benzene (ppb)	Chloroform (ppb)
1	5/21/1986	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.A.	N.A.	N.A.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
2	5/21/1986	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.A.	N.A.	N.A.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
3	5/21/1986	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.A.	N.A.	N.A.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

John T. O'Rourke & Associates- December 1986

Well ID #	Sampling Date	Cd (ppb)	Cu (ppb)	Pb (ppb)	Hg(ppb)	Ni (ppb)	Zn(ppb)	Tl (ppb)	Cr (ppb)	Se (ppb)	As (ppb)	1,2 Dichloro-ethene (ppb)	Xylenes (ppb)	Trans-1,2, Dichloro-ethene (ppb)	Benzene (ppb)	Ethyl benzene (ppb)	Chloroform (ppb)
1	12/2/1986	10	N.D.	N.D.	N.D.	70	N.D.	N.D.	N.A.	N.A.	N.A.	N.D.	N.D.	1.9	N.D.	N.D.	N.D.
2	12/2/1986	20	N.D.	N.D.	N.D.	210	50	100	N.A.	N.A.	N.A.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
3	12/2/1986	30	N.D.	N.D.	N.D.	150	N.D.	N.D.	N.A.	N.A.	N.A.	N.D.	N.D.	N.D.	N.D.	N.D.	0.54

John T. O'Rourke & Associates- May 1987

Well ID #	Sampling Date	Cd (ppb)	Cu (ppb)	Pb (ppb)	Hg(ppb)	Ni (ppb)	Zn(ppb)	Tl (ppb)	Cr (ppb)	Se (ppb)	As (ppb)	1,2 Dichloro-ethene (ppb)	Xylenes (ppb)	Trans-1,2, Dichloro-ethene (ppb)	Benzene (ppb)	Ethyl benzene (ppb)	Chloroform (ppb)
1	5/1/1987	N.D.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
2	5/1/1987	N.D.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
3	5/1/1987	10	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.D.	N.D.	N.D.	N.D.	N.D.	0.54

Hydro-Geo Consultants- January 1989

Well ID #	Sampling Date	Cd (ppb)	Cu (ppb)	Pb (ppb)	Hg(ppb)	Ni (ppb)	Zn(ppb)	Tl (ppb)	Cr (ppb)	Se (ppb)	As (ppb)	1,2 Dichloro-ethene (ppb)	Xylenes (ppb)	Trans-1,2, Dichloro-ethene (ppb)	Benzene (ppb)	Ethyl benzene (ppb)	Chloroform (ppb)
1	12/14/1989	N.D.	310	110	N.D.	440	840	N.A.	100	110	N.D.	12	1.8	N.D.	0.99	1.9	N.D.
2	12/14/1989	N.D.	100	150	2.5	570	290	N.A.	150	110	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
3	12/14/1989	N.D.	110	32	N.D.	340	320	N.A.	98	38	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.54

Hydro-Geo Consultants- April 1990

Well ID #	Sampling Date	Cd (ppb)	Cu (ppb)	Pb (ppb)	Hg(ppb)	Ni (ppb)	Zn(ppb)	Tl (ppb)	Cr (ppb)	Se (ppb)	As (ppb)	1,2 Dichloro-ethene (ppb)	Xylenes (ppb)	Trans-1,2, Dichloro-ethene (ppb)	Benzene (ppb)	Ethyl benzene (ppb)	Chloroform (ppb)
1	4/16/1990	N.D.	390	190	190	1900	850	N.A.	1200	N.D.	32	16	6.7	N.A.	8.6	12	N.D.
2	3/14/1990	N.D.	230	140	6.4	2000	450	N.A.	900	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
3	3/14/1990	N.D.	260	69	4	1700	560	N.A.	760	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1

Hydro-Geo Consultants- July 1990

Well ID #	Sampling Date	Cd (ppb)	Cu (ppb)	Pb (ppb)	Hg(ppb)	Ni (ppb)	Zn(ppb)	Tl (ppb)	Cr (ppb)	Se (ppb)	As (ppb)	1,2 Dichloro-ethene (ppb)	Xylenes (ppb)	Trans-1,2, Dichloro-ethene (ppb)	Benzene (ppb)	Ethyl benzene (ppb)	Chloroform (ppb)
1	6/11/1990	N.D.	130	390	250	N.D.	850	N.A.	360	N.D.	20	23	N.D.	N.D.	11	4.2	N.D.
2	6/11/1990	N.D.	260	210	3.7	N.D.	450	N.A.	830	N.D.	45	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
3	6/11/1990	N.D.	220	180	2.8	N.D.	310	N.A.	470	N.D.	22	N.D.	N.D.	N.D.	N.D.	N.D.	1

Hydro-Geo Consultants- July 1991

Well ID #	Sampling Date	Cd (ppb)	Cu (ppb)	Pb (ppb)	Hg(ppb)	Ni (ppb)	Zn(ppb)	Tl (ppb)	Cr (ppb)	Se (ppb)	As (ppb)	1,2 Dichloro-ethene (ppb)	Xylenes (ppb)	Trans-1,2, Dichloro-ethene (ppb)	Benzene (ppb)	Ethyl benzene (ppb)	Chloroform (ppb)
1	6/20/1991	N.D.	310	42	23	610	300	N.A.	420	18	23	N.D.	N.D.	4.5	4	4	N.D.
2	6/20/1991	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
3	6/20/1991	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Accutite - August 1993

Well ID #	Sampling Date	Cu (ppb)	Hg(ppb)	Ni (ppb)	Zn(ppb)	Sb (ppb)	Cr (ppb)	TDS (ppm)
1	8/17/1993	N.D.	1	110	27	530	130	10,000
2	8/17/1993	40	1.2	N.D.	97	510	190	14,000
3	8/17/1993	26	1.6	200	110	530	100	6,000

TDS- Total Dissolved Solids

N.D.-non-detect

Accutite - September 1993

Well ID #	Sampling Date	TPH-G (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl Benzene (ppb)	Total Xylenes (ppb)
1	9/2/1993	N.D.	1.2	N.D.	N.D.	N.D.
2	9/2/1993	N.D.	N.D.	N.D.	N.D.	N.D.
3	9/2/1993	N.D.	N.D.	N.D.	N.D.	N.D.

TDS- Total Dissolved Solids
N.D.-non-detect

Well ID #	Sampling Date	Cd (ppb)	Cu (ppb)	Pb (ppb)	Hg(ppb)	NI (ppb)	Zn(ppb)	TI (ppb)	Cr (ppb)	Se (ppb)	As (ppb)
1	3/15/1994	N.A.	N.A.	N.D.	0.52	N.A.	N.A.	N.A.	420	18	23
3	3/15/1994	N.A.	N.A.	8.6	0.75	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
4	3/15/1994	N.D.	26	11	0.25	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

Well ID #	Sampling Date	TPH-G (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl Benzene (ppb)	DCE (ppb)
1	3/21/1994	N.D.	1.4	N.D.	N.D.	N.D.
3	3/21/1994	N.D.	N.D.	N.D.	N.D.	N.D.
4	3/21/1994	N.D.	N.D.	N.D.	N.D.	N.D.

Well ID #	Sampling Date	Cd (ppb)	Cu (ppb)	Pb (ppb)	Hg(ppb)	NI (ppb)	Zn(ppb)	TI (ppb)	Cr (ppb)	Se (ppb)	As (ppb)	TPH-G (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl Benzene (ppb)	DCE (ppb)
1	6/15/1994	N.A.	N.A.	N.D.	0.58	N.A.	N.A.	N.A.	420	18	23	N.D.	1.5	N.D.	N.D.	N.D.
3	6/15/1994	N.A.	N.A.	N.D.	1.1	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.D.	N.D.	N.D.	N.D.	N.D.
4	6/15/1994	N.D.	N.D.	N.D.	0.26	91	24	N.A.	10	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

Well ID #	Sampling Date	Cd (ppb)	Cu (ppb)	Pb (ppb)	Hg(ppb)	NI (ppb)	Zn(ppb)	TI (ppb)	Cr (ppb)	Se (ppb)	As (ppb)
1	10/27/1994	N.D.	N.D.	N.D.	0.26	49	7	N.D.	N.D.	N.D.	N.D.
2	10/27/1994	N.A.	N.A.	N.D.	0.22	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
3	10/27/1994	N.A.	N.A.	N.D.	0.82	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
4	10/27/1994	N.D.	N.D.	N.D.	0.22	79	85	N.D.	N.D.	N.D.	N.D.

Well ID #	Sampling Date	TPH-G (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl Benzene (ppb)	DCE (ppb)
1	11/9/1994	N.D.	1.4	N.D.	N.D.	N.D.
2	11/9/1994	67	1.6	N.D.	N.D.	3.5
3	11/9/1994	N.D.	N.D.	N.D.	N.D.	N.D.
4	11/9/1994	130	N.D.	N.D.	N.D.	N.D.

Well ID #	Sampling Date	Cd (ppb)	Cu (ppb)	Pb (ppb)	Hg(ppb)	NI (ppb)	Zn(ppb)	TI (ppb)	Cr (ppb)	Se (ppb)	As (ppb)	TPH-G (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl Benzene (ppb)	DCE (ppb)
1	1/26/1995	N.D.	11	N.D.	0.46	110	8	N.D.	N.D.	N.D.	5.2	N.D.	N.D.	N.D.	N.D.	N.D.
2	1/26/1995	N.A.	N.A.	11	0.66	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.D.	N.D.	N.D.	N.D.	0.91
3	1/26/1995	N.A.	N.A.	N.D.	0.6	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	63	N.D.	N.D.	N.D.	N.D.
4	1/26/1995	N.D.	N.D.	N.D.	0.34	61	10	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

Source: March 22, 1995 Closure letter

May 1995

San Mateo County Office of Environmental Health
Former Sump and Underground Storage Tank Case Closure
(One 1,000 Gallon Gasoline UST and One 500 Gallon Solvent UST)

HEALTH SERVICES AGENCY

ENVIRONMENTAL HEALTH SERVICES DIVISION

May 3, 1995

Attn: Al Molakidis
87 W. Poplar Avenue
San Mateo, CA 94402

FORMER SUMP AND UNDERGROUND STORAGE TANK CASE CLOSURE ONE 1,000 GALLON GASOLINE UST AND ONE 500 GALLON SOLVENT UST AT 1019 ROLLINS ROAD, BURLINGAME, CALIFORNIA

CASE NO. 669002

This letter confirms the completion of site investigation and remedial action for the underground storage tanks and sump formerly located at the above described location.

Based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground storage tank and or sump release is required.

This notice is issued pursuant to a regulation contained in the Title 23, Californian Code of Regulations, Division 3, Chapter 16, Section 2721(e).

Please telephone Dermot Casey at (415)363-4472 if your have any question regarding this matter.

Sincerely,

Brian J. Zamora, MPH, REHS
Director, Environmental Health

cc: RWQCB
SWRCB

590 HAMILTON STREET, REDWOOD CITY, CALIFORNIA 94063
PHONE (415) 363-4305 • TDD (415) 573-3206 • FAX (415) 363-7882

APPENDIX D

1025 Rollins Road

10391.000.000
October 13, 2014

Accutite- Analytical Results -Soil Samples
April 1, 1991

Sampling Identification	Sampling Date	TPH-G (ppm)	Benzene (ppb)	Toluene (ppb)	Ethyl Benzene (ppb)	Total Xylenes (ppb)	Oil and Grease (ppm)
A1-A4	4/1/1991	7.9	1.2	N.D.	0.008	0.11	N.A.
B1-B4	4/1/1991	2.4	N.D.	N.D.	0.005	0.037	160
C1-C4	4/1/1991	4.9	N.D.	N.D.	N.D.	0.022	N.A.
AI-1-3	8/9/1991	N.A.	N.A.	N.A.	N.A.	N.A.	170

ENGEO - Analytical Results from Geoprobe Sampling
August 15, 2013

Sample Identification	Sampling Date	Barium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)	TPH as Motor Oil (mg/kg)	TPH as Gasoline (ug/kg)	TPH as Diesel (mg/kg)
SGW-1@9'	8/15/2013	120	57	7	11	3.5	41	39	16	19	ND	ND
SGW-1@11.5'	8/15/2013	54	47	ND	9.1	3.5	49	27	18	ND	ND	ND

Sample Identification	Sampling Date	1,1-Difluoroethane (ug/m^3)
SV-1	8/15/2013	8.37

GW- Groundwater
SGW- Soil Borings
SV- Soil Vapor

[1] ENGEO, *Rollins Road-Carolan Avenues Parcels ESA Phase II;* Aug 29, 2013.

January 1994
County of San Mateo Health Services Agency
Removal of Underground Storage Tanks
"No Further Action" Letter

File

HEALTH SERVICES AGENCY

ENVIRONMENTAL HEALTH SERVICES DIVISION

January 24, 1994

ATTN: Al Molikidis
627 Occidental Avenue
San Mateo, CA 94402

SUBJECT: REMOVAL OF UNDERGROUND STORAGE TANK, 1025 ROLLINS ROAD, BURLINGAME, CALIFORNIA

This letter confirms the removal of two underground storage tanks under San Mateo County permit number HM 229-91 at the subject site. With the provision that the information provided to this agency was accurate and representative of existing conditions, it is our position that no further action is required at this time.

Please be advised that this letter does not relieve you of any liability under the California Health and Safety Code or Water Code for past, present, or future operations at the site. Nor does it relieve you of the responsibility to clean up existing, additional, or previously unidentified conditions at the site which cause or threaten to cause pollution or nuisance or otherwise pose a threat to water quality or public health.

Additionally, be advised that changes in the present or proposed use of the site may require further site characterization and mitigation activity. It is the property owner's responsibility to notify this agency of any changes in report content, future contamination findings, or site usage.

Please feel free to contact me at (415) 363-4472 if you have any questions.

Sincerely,

Dermot Casey
Hazardous Materials Specialist
County Remedial Oversight Program

590 HAMILTON STREET, REDWOOD CITY, CALIFORNIA 94063
PHONE (415) 363-4305 • TDD (415) 573-3206 • FAX [415] 363-7882

APPENDIX E

1008 Carolan Road

10391.000.000
October 13, 2014

ENGEO - Analytical Results from Geoprobe Sampling
August 15, 2013

Sample Identification	Sampling Date	Barium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)	TPH as Motor Oil (mg/kg)	TPH as Gasoline (ug/kg)	TPH as Diesel (mg/kg)
SGW-5@6'	8/15/2013	89	90	28	20	5.8	130	61	32	ND	1600	37

Sample Identification	Sampling Date	TPH as Gasoline (ug/L)	TPH as Diesel (mg/L)
GW-5	8/15/2013	910	0.68

Sample Identification	Sampling Date	1,1-Difluoroethane (ug/m^3)	Acetone (ug/m^3)	2-Butanone (ug/m^3)	Benzene (ug/m^3)	Toluene (ug/m^3)	4-Methyl-2-Pentanone (ug/m^3)	2- Hexanone (ug/m^3)	Naphthalene (ug/m^3)
SV-5	8/15/2013	23.1	73.3	15	4.38	9.69	12.4	9.02	29.1

GW- Groundwater
SGW- Soil Borings
SV- Soil Vapor
ND-Non-Detect
[1] ENGEO, *Rollins Road-Carolan Avenues Parcels ESA Phase II;* Aug 29, 2013.

APPENDIX F

1020 Carolan Road

10391.000.000
October 13, 2014

SEMCO- Soil Samples collected from excavation of four USTs
May, 1990

Sampling Identification	Sampling date	Benzene (ug/kg)	Toluene (ug/kg)	Ethyl Benzene (ug/kg)	Xylenes (ug/kg)	Diesel Range (mg/kg)	Total Oil & Grease (mg/kg)	Gasoline Range (mg/kg)
#1-2KG	5/21/1990	ND<3	ND<3	ND<3	ND<3	NA	NA	ND<1
#2-2KG	5/21/1990	ND<3	ND<3	ND<3	ND<3	NA	NA	ND<1
#3-2KD	5/21/1990	ND<3	ND<3	ND<3	ND<3	ND<10	NA	NA
#4-2KD	5/21/1990	ND<3	21	6	31	ND<10	NA	NA
#5-550	5/21/1990	ND<3	4	ND<3	9	ND<10	67	NA
#6-550	5/21/1990	ND<3	7	ND<3	ND<3	ND<10	45	NA
#7-COMP	5/21/1990	ND<3	ND<3	ND<3	490	10	51	20

N.A. - Not analyzed

N.D. - Non-Detect

[1] County of San Mateo Health Services Agency, *Underground storage tank removal at former Burlingame Subaru located at 1020 Carolan Blvd., Burlingame, CA; June 3 1997.*

***No Figure was provided and thus the samples were not mapped on Figure 4**

ENGEO - Analytical Results from Geoprobe Sampling
August 15, 2013

Sample Identification	Sampling Date	Barium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)	TPH as Motor Oil (mg/kg)	TPH as Gasoline (ug/kg)	TPH as Diesel (mg/kg)
SGW-7@6.5'	8/15/2013	75	54	11	13	4.7	37	50	22	ND	ND	ND
SGW-7@14'	8/15/2013	58	58	6.7	10	3.4	32	42	14	11	ND	3.3

[1] ENGEO, *Rollins Road-Carolan Avenues Parcels ESA Phase II;* Aug 29, 2013.

June 1997
San Mateo County Health Services Agency
"No Further Action" Letter

HEALTH SERVICES AGENCY

June 3, 1997

Mr. Al Arata
23 Oakwood Blvd.
Atherton, CA 94027

Subject: Underground storage tank removal at former Burlingame Subaru located at 1020 Carolan Blvd., Burlingame, CA

Dear Mr. Arata:

I have reviewed the file documentation for the removal of four underground storage tanks at the above referenced site on May 18, 1990. My inspection report indicates that one 2,000-gallon gasoline tank, one 2,000-gallon diesel tank, one 550-gallon new oil tank and one 550-gallon waste oil tank were removed on this date by Semco. All tanks and piping appeared to be intact and did not exhibit any signs of significant corrosion. Soil sample results for samples collected beneath each tank and from the excavation stockpile indicate that no significant soil contamination was present. Although low levels of petroleum hydrocarbon contamination appeared in some of the sample results, these levels were not high enough to require additional investigation or remediation.

Based on the above findings, the Environmental Health Services Division will not require any additional work related to the tank removal to be performed at this time. However, if information is brought to the attention of the Division indicating that a significant problem with site contamination related to the former underground tanks exists, the Division reserves the right to require additional investigation or remediation work at a later date.

Please don't hesitate to contact me if you have any questions or comments regarding this matter. I can be reached Monday thru Thursday at (415) 363-4962.

Sincerely,

Dirk Jensen
Hazardous Materials Specialist IV

PUBLIC HEALTH AND ENVIRONMENTAL PROTECTION DIVISION

Board of Supervisors: Ruben Barrales • Richard S. Gordon • Mary Griffin • Tom Huening • Michael D. Nevin • **Health Services Director:** Margaret Taylor

590 Hamilton Street • Redwood City, CA 94063 • PHONE 415.363.4305 • TDD 415.573.3206 • FAX 415.363.7882

APPENDIX G

September 2014 – 1019 Rollins Road Laboratory Test Results

10391.000.000
October 13, 2014

Engeo (San Ramon)
2010 Crow Canyon Place,#250
San Ramon, California 94583
Tel: (925) 866-9000
Fax: (925) 866-0199

RE: 1017 Rollins Rd

Work Order No.: 1409095

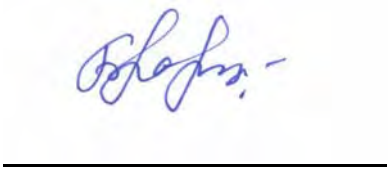
Dear Shawn Munger:

Torrent Laboratory, Inc. received 16 sample(s) on September 22, 2014 for the analyses presented in the following Report.

Four samples were placed on hold as per Chain of Custody instruction.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.



Yelena Brodskaya
Technical Manager

September 25, 2014
Date

Date: 9/25/2014

Client: Engeo (San Ramon)

Project: 1017 Rollins Rd

Work Order: 1409095

CASE NARRATIVE

No issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

This report shall not be reproduced, except in full, without the written approval of Torrent Analytical, Inc.

Note for 8260B/GCMS-GRO: Two blanks reported for each test: one - for QC purpose and regular run, one - for methanol extraction fortified with 100uL of methanol.

Sample Result Summary

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

S1 @ 8-8.5 1409095-002

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH(Gasoline)	8260TPH	2000	59000	200000	3900000	ug/Kg
TPH as Diesel (SG)	SW8015B(M)	1	0.66	2.0	23	mg/Kg

S1 @ 12-12.5 1409095-003

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

S1 @ 15.5-16 1409095-004

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

S2 @ 8-8.5 1409095-006

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH(Gasoline)	8260TPH	1000	30000	100000	1100000	ug/Kg
TPH as Diesel (SG)	SW8015B(M)	1	0.66	2.0	27	mg/Kg

S2 @ 12-12.5 1409095-007

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

Sample Result Summary

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

S2 @ 15-15.5 1409095-008

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

S3 @ 8-8.5 1409095-010

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH as Diesel (SG)	SW8015B(M)	1	0.66	2.0	15	mg/Kg
TPH(Gasoline)	8260TPH	5000	150000	500000	11000000	ug/Kg

S3 @ 11.5-12 1409095-011

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

S3 @ 15-15.5 1409095-012

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

S4 @ 7.5-8 1409095-014

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
TPH(Gasoline)	8260TPH	100	3000	10000	24000	ug/Kg
TPH as Diesel (SG)	SW8015B(M)	1	0.66	2.0	36	mg/Kg
TPH as Motor Oil (SG)	SW8015B(M)	1	1.0	10	12	mg/Kg

Sample Result Summary

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

S4 @ 11.5-12 1409095-015

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

S4 @ 15-15.5 1409095-016

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S1 @ 8-8.5	**Lab Sample ID:**	1409095-002A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 9:00		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	NA	09/24/14	5000	22000	50000	ND		ug/Kg	422541	NA
Chloromethane	SW8260B	NA	09/24/14	5000	23000	50000	ND		ug/Kg	422541	NA
Vinyl Chloride	SW8260B	NA	09/24/14	5000	13000	50000	ND		ug/Kg	422541	NA
Bromomethane	SW8260B	NA	09/24/14	5000	23000	50000	ND		ug/Kg	422541	NA
Trichlorofluoromethane	SW8260B	NA	09/24/14	5000	14000	50000	ND		ug/Kg	422541	NA
1,1-Dichloroethene	SW8260B	NA	09/24/14	5000	7700	50000	ND		ug/Kg	422541	NA
Freon 113	SW8260B	NA	09/24/14	5000	19000	50000	ND		ug/Kg	422541	NA
Methylene Chloride	SW8260B	NA	09/24/14	5000	9900	250000	ND		ug/Kg	422541	NA
trans-1,2-Dichloroethene	SW8260B	NA	09/24/14	5000	5600	50000	ND		ug/Kg	422541	NA
MTBE	SW8260B	NA	09/24/14	5000	13000	50000	ND		ug/Kg	422541	NA
tert-Butanol	SW8260B	NA	09/24/14	5000	100000	250000	ND		ug/Kg	422541	NA
Diisopropyl ether (DIPE)	SW8260B	NA	09/24/14	5000	11000	50000	ND		ug/Kg	422541	NA
1,1-Dichloroethane	SW8260B	NA	09/24/14	5000	6400	50000	ND		ug/Kg	422541	NA
ETBE	SW8260B	NA	09/24/14	5000	12000	50000	ND		ug/Kg	422541	NA
cis-1,2-Dichloroethene	SW8260B	NA	09/24/14	5000	8800	50000	ND		ug/Kg	422541	NA
2,2-Dichloropropane	SW8260B	NA	09/24/14	5000	6200	50000	ND		ug/Kg	422541	NA
Bromochloromethane	SW8260B	NA	09/24/14	5000	11000	50000	ND		ug/Kg	422541	NA
Chloroform	SW8260B	NA	09/24/14	5000	6100	50000	ND		ug/Kg	422541	NA
Carbon Tetrachloride	SW8260B	NA	09/24/14	5000	8100	50000	ND		ug/Kg	422541	NA
1,1,1-Trichloroethane	SW8260B	NA	09/24/14	5000	6100	50000	ND		ug/Kg	422541	NA
1,1-Dichloropropene	SW8260B	NA	09/24/14	5000	7200	50000	ND		ug/Kg	422541	NA
Benzene	SW8260B	NA	09/24/14	5000	7500	50000	ND		ug/Kg	422541	NA
TAME	SW8260B	NA	09/24/14	5000	10000	50000	ND		ug/Kg	422541	NA
1,2-Dichloroethane	SW8260B	NA	09/24/14	5000	9500	50000	ND		ug/Kg	422541	NA
Trichloroethylene	SW8260B	NA	09/24/14	5000	19000	50000	ND		ug/Kg	422541	NA
Dibromomethane	SW8260B	NA	09/24/14	5000	11000	50000	ND		ug/Kg	422541	NA
1,2-Dichloropropane	SW8260B	NA	09/24/14	5000	6500	50000	ND		ug/Kg	422541	NA
Bromodichloromethane	SW8260B	NA	09/24/14	5000	5600	50000	ND		ug/Kg	422541	NA
cis-1,3-Dichloropropene	SW8260B	NA	09/24/14	5000	7100	50000	ND		ug/Kg	422541	NA
Toluene	SW8260B	NA	09/24/14	5000	4900	50000	ND		ug/Kg	422541	NA
Tetrachloroethylene	SW8260B	NA	09/24/14	5000	9000	50000	ND		ug/Kg	422541	NA
trans-1,3-Dichloropropene	SW8260B	NA	09/24/14	5000	5800	50000	ND		ug/Kg	422541	NA
1,1,2-Trichloroethane	SW8260B	NA	09/24/14	5000	9100	50000	ND		ug/Kg	422541	NA
Dibromochloromethane	SW8260B	NA	09/24/14	5000	5600	50000	ND		ug/Kg	422541	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S1 @ 8-8.5	**Lab Sample ID:**	1409095-002A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 9:00		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
1,3-Dichloropropane	SW8260B	NA	09/24/14	5000	10000	50000	ND		ug/Kg	422541	NA
1,2-Dibromoethane	SW8260B	NA	09/24/14	5000	8700	50000	ND		ug/Kg	422541	NA
Ethyl Benzene	SW8260B	NA	09/24/14	5000	4300	50000	ND		ug/Kg	422541	NA
Chlorobenzene	SW8260B	NA	09/24/14	5000	21000	50000	ND		ug/Kg	422541	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	09/24/14	5000	4300	50000	ND		ug/Kg	422541	NA
m,p-Xylene	SW8260B	NA	09/24/14	5000	9300	50000	ND		ug/Kg	422541	NA
o-Xylene	SW8260B	NA	09/24/14	5000	3300	25000	ND		ug/Kg	422541	NA
Styrene	SW8260B	NA	09/24/14	5000	3800	50000	ND		ug/Kg	422541	NA
Bromoform	SW8260B	NA	09/24/14	5000	9500	50000	ND		ug/Kg	422541	NA
Isopropyl Benzene	SW8260B	NA	09/24/14	5000	6200	50000	ND		ug/Kg	422541	NA
n-Propylbenzene	SW8260B	NA	09/24/14	5000	7100	50000	ND		ug/Kg	422541	NA
Bromobenzene	SW8260B	NA	09/24/14	5000	5900	50000	ND		ug/Kg	422541	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	09/24/14	5000	15000	50000	ND		ug/Kg	422541	NA
1,3,5-Trimethylbenzene	SW8260B	NA	09/24/14	5000	5600	50000	ND		ug/Kg	422541	NA
1,2,3-Trichloropropane	SW8260B	NA	09/24/14	5000	17000	50000	ND		ug/Kg	422541	NA
4-Chlorotoluene	SW8260B	NA	09/24/14	5000	7900	50000	ND		ug/Kg	422541	NA
2-Chlorotoluene	SW8260B	NA	09/24/14	5000	7900	50000	ND		ug/Kg	422541	NA
tert-Butylbenzene	SW8260B	NA	09/24/14	5000	7200	50000	ND		ug/Kg	422541	NA
1,2,4-Trimethylbenzene	SW8260B	NA	09/24/14	5000	5400	50000	ND		ug/Kg	422541	NA
sec-Butyl Benzene	SW8260B	NA	09/24/14	5000	8200	50000	ND		ug/Kg	422541	NA
p-Isopropyltoluene	SW8260B	NA	09/24/14	5000	7300	50000	ND		ug/Kg	422541	NA
1,3-Dichlorobenzene	SW8260B	NA	09/24/14	5000	9000	50000	ND		ug/Kg	422541	NA
1,4-Dichlorobenzene	SW8260B	NA	09/24/14	5000	7500	50000	ND		ug/Kg	422541	NA
n-Butylbenzene	SW8260B	NA	09/24/14	5000	11000	50000	ND		ug/Kg	422541	NA
1,2-Dichlorobenzene	SW8260B	NA	09/24/14	5000	6600	50000	ND		ug/Kg	422541	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	09/24/14	5000	21000	50000	ND		ug/Kg	422541	NA
Hexachlorobutadiene	SW8260B	NA	09/24/14	5000	13000	50000	ND		ug/Kg	422541	NA
1,2,4-Trichlorobenzene	SW8260B	NA	09/24/14	5000	11000	50000	ND		ug/Kg	422541	NA
Naphthalene	SW8260B	NA	09/24/14	5000	14000	50000	ND		ug/Kg	422541	NA
1,2,3-Trichlorobenzene	SW8260B	NA	09/24/14	5000	14000	50000	ND		ug/Kg	422541	NA
(S) Dibromofluoromethane	SW8260B	NA	09/24/14	5000	59.8	148	109		%	422541	NA
(S) Toluene-d8	SW8260B	NA	09/24/14	5000	55.2	133	109		%	422541	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	09/24/14	5000	55.8	141	116		%	422541	NA

NOTE: The reporting limits were raised due to the high concentration of non-target heavy end compounds.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S1 @ 8-8.5	**Lab Sample ID:**	1409095-002A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 9:00		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	9/24/14	09/24/14	2000	59000	200000	3900000	x	ug/Kg	422541	12786
(S) 4-Bromofluorobenzene	8260TPH	9/24/14	09/24/14	2000	43.9	127	146	S	%	422541	12786

NOTE: x - Does not match pattern of reference Gasoline standard. Best match with pattern of mineral spirits. S - High surrogate recovery attributed to TPH interference.

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel (SG)	SW8015B(M)	9/22/14	09/23/14	1	0.66	2.0	23	x	mg/Kg	422511	12748
TPH as Motor Oil (SG)	SW8015B(M)	9/22/14	09/23/14	1	1.0	10	ND		mg/Kg	422511	12748
Pentacosane (S)	SW8015B(M)	9/22/14	09/23/14	1	49.9	144	77.3		%	422511	12748

NOTE: x- Chromatographic pattern does not resemble typical diesel reference standard; unknown organics within diesel range quantified as diesel.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S1 @ 12-12.5	**Lab Sample ID:**	1409095-003A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 9:10		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	09/23/14	1	4.4	10	ND		ug/Kg	422508	NA
Chloromethane	SW8260B	NA	09/23/14	1	4.6	10	ND		ug/Kg	422508	NA
Vinyl Chloride	SW8260B	NA	09/23/14	1	2.6	10	ND		ug/Kg	422508	NA
Bromomethane	SW8260B	NA	09/23/14	1	4.7	10	ND		ug/Kg	422508	NA
Trichlorofluoromethane	SW8260B	NA	09/23/14	1	2.9	10	ND		ug/Kg	422508	NA
1,1-Dichloroethene	SW8260B	NA	09/23/14	1	1.5	10	ND		ug/Kg	422508	NA
Freon 113	SW8260B	NA	09/23/14	1	3.7	10	ND		ug/Kg	422508	NA
Methylene Chloride	SW8260B	NA	09/23/14	1	2.0	50	ND		ug/Kg	422508	NA
trans-1,2-Dichloroethene	SW8260B	NA	09/23/14	1	1.1	10	ND		ug/Kg	422508	NA
MTBE	SW8260B	NA	09/23/14	1	2.6	10	ND		ug/Kg	422508	NA
tert-Butanol	SW8260B	NA	09/23/14	1	21	50	ND		ug/Kg	422508	NA
Diisopropyl ether (DIPE)	SW8260B	NA	09/23/14	1	2.2	10	ND		ug/Kg	422508	NA
1,1-Dichloroethane	SW8260B	NA	09/23/14	1	1.3	10	ND		ug/Kg	422508	NA
ETBE	SW8260B	NA	09/23/14	1	2.4	10	ND		ug/Kg	422508	NA
cis-1,2-Dichloroethene	SW8260B	NA	09/23/14	1	1.8	10	ND		ug/Kg	422508	NA
2,2-Dichloropropane	SW8260B	NA	09/23/14	1	1.2	10	ND		ug/Kg	422508	NA
Bromochloromethane	SW8260B	NA	09/23/14	1	2.3	10	ND		ug/Kg	422508	NA
Chloroform	SW8260B	NA	09/23/14	1	1.2	10	ND		ug/Kg	422508	NA
Carbon Tetrachloride	SW8260B	NA	09/23/14	1	1.6	10	ND		ug/Kg	422508	NA
1,1,1-Trichloroethane	SW8260B	NA	09/23/14	1	1.2	10	ND		ug/Kg	422508	NA
1,1-Dichloropropene	SW8260B	NA	09/23/14	1	1.4	10	ND		ug/Kg	422508	NA
Benzene	SW8260B	NA	09/23/14	1	1.5	10	ND		ug/Kg	422508	NA
TAME	SW8260B	NA	09/23/14	1	2.1	10	ND		ug/Kg	422508	NA
1,2-Dichloroethane	SW8260B	NA	09/23/14	1	1.9	10	ND		ug/Kg	422508	NA
Trichloroethylene	SW8260B	NA	09/23/14	1	3.9	10	ND		ug/Kg	422508	NA
Dibromomethane	SW8260B	NA	09/23/14	1	2.2	10	ND		ug/Kg	422508	NA
1,2-Dichloropropane	SW8260B	NA	09/23/14	1	1.3	10	ND		ug/Kg	422508	NA
Bromodichloromethane	SW8260B	NA	09/23/14	1	1.1	10	ND		ug/Kg	422508	NA
cis-1,3-Dichloropropene	SW8260B	NA	09/23/14	1	1.4	10	ND		ug/Kg	422508	NA
Toluene	SW8260B	NA	09/23/14	1	0.98	10	ND		ug/Kg	422508	NA
Tetrachloroethylene	SW8260B	NA	09/23/14	1	1.8	10	ND		ug/Kg	422508	NA
trans-1,3-Dichloropropene	SW8260B	NA	09/23/14	1	1.2	10	ND		ug/Kg	422508	NA
1,1,2-Trichloroethane	SW8260B	NA	09/23/14	1	1.8	10	ND		ug/Kg	422508	NA
Dibromochloromethane	SW8260B	NA	09/23/14	1	1.1	10	ND		ug/Kg	422508	NA
1,3-Dichloropropane	SW8260B	NA	09/23/14	1	2.1	10	ND		ug/Kg	422508	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S1 @ 12-12.5	**Lab Sample ID:**	1409095-003A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 9:10		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	09/23/14	1	1.7	10	ND		ug/Kg	422508	NA
Ethyl Benzene	SW8260B	NA	09/23/14	1	0.86	10	ND		ug/Kg	422508	NA
Chlorobenzene	SW8260B	NA	09/23/14	1	4.2	10	ND		ug/Kg	422508	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	09/23/14	1	0.86	10	ND		ug/Kg	422508	NA
m,p-Xylene	SW8260B	NA	09/23/14	1	1.9	10	ND		ug/Kg	422508	NA
o-Xylene	SW8260B	NA	09/23/14	1	0.66	5.0	ND		ug/Kg	422508	NA
Styrene	SW8260B	NA	09/23/14	1	0.77	10	ND		ug/Kg	422508	NA
Bromoform	SW8260B	NA	09/23/14	1	1.9	10	ND		ug/Kg	422508	NA
Isopropyl Benzene	SW8260B	NA	09/23/14	1	1.2	10	ND		ug/Kg	422508	NA
n-Propylbenzene	SW8260B	NA	09/23/14	1	1.4	10	ND		ug/Kg	422508	NA
Bromobenzene	SW8260B	NA	09/23/14	1	1.2	10	ND		ug/Kg	422508	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	09/23/14	1	3.0	10	ND		ug/Kg	422508	NA
1,3,5-Trimethylbenzene	SW8260B	NA	09/23/14	1	1.1	10	ND		ug/Kg	422508	NA
1,2,3-Trichloropropane	SW8260B	NA	09/23/14	1	3.3	10	ND		ug/Kg	422508	NA
4-Chlorotoluene	SW8260B	NA	09/23/14	1	1.6	10	ND		ug/Kg	422508	NA
2-Chlorotoluene	SW8260B	NA	09/23/14	1	1.6	10	ND		ug/Kg	422508	NA
tert-Butylbenzene	SW8260B	NA	09/23/14	1	1.4	10	ND		ug/Kg	422508	NA
1,2,4-Trimethylbenzene	SW8260B	NA	09/23/14	1	1.1	10	ND		ug/Kg	422508	NA
sec-Butyl Benzene	SW8260B	NA	09/23/14	1	1.6	10	ND		ug/Kg	422508	NA
p-Isopropyltoluene	SW8260B	NA	09/23/14	1	1.5	10	ND		ug/Kg	422508	NA
1,3-Dichlorobenzene	SW8260B	NA	09/23/14	1	1.8	10	ND		ug/Kg	422508	NA
1,4-Dichlorobenzene	SW8260B	NA	09/23/14	1	1.5	10	ND		ug/Kg	422508	NA
n-Butylbenzene	SW8260B	NA	09/23/14	1	2.2	10	ND		ug/Kg	422508	NA
1,2-Dichlorobenzene	SW8260B	NA	09/23/14	1	1.3	10	ND		ug/Kg	422508	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	09/23/14	1	4.2	10	ND		ug/Kg	422508	NA
Hexachlorobutadiene	SW8260B	NA	09/23/14	1	2.6	10	ND		ug/Kg	422508	NA
1,2,4-Trichlorobenzene	SW8260B	NA	09/23/14	1	2.1	10	ND		ug/Kg	422508	NA
Naphthalene	SW8260B	NA	09/23/14	1	2.8	10	ND		ug/Kg	422508	NA
1,2,3-Trichlorobenzene	SW8260B	NA	09/23/14	1	2.9	10	ND		ug/Kg	422508	NA
(S) Dibromofluoromethane	SW8260B	NA	09/23/14	1	59.8	148	119		%	422508	NA
(S) Toluene-d8	SW8260B	NA	09/23/14	1	55.2	133	114		%	422508	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	09/23/14	1	55.8	141	109		%	422508	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S1 @ 12-12.5	**Lab Sample ID:**	1409095-003A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 9:10		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	9/23/14	09/23/14	1	30	100	ND		ug/Kg	422508	12766
(S) 4-Bromofluorobenzene	8260TPH	9/23/14	09/23/14	1	43.9	127	84.2		%	422508	12766

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel (SG)	SW8015B(M)	9/22/14	09/23/14	1	0.66	2.0	ND		mg/Kg	422511	12748
TPH as Motor Oil (SG)	SW8015B(M)	9/22/14	09/23/14	1	1.0	10	ND		mg/Kg	422511	12748
Pentacosane (S)	SW8015B(M)	9/22/14	09/23/14	1	49.9	144	103		%	422511	12748

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S1 @ 15.5-16	**Lab Sample ID:**	1409095-004A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 9:20		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	09/23/14	1	4.4	10	ND		ug/Kg	422508	NA
Chloromethane	SW8260B	NA	09/23/14	1	4.6	10	ND		ug/Kg	422508	NA
Vinyl Chloride	SW8260B	NA	09/23/14	1	2.6	10	ND		ug/Kg	422508	NA
Bromomethane	SW8260B	NA	09/23/14	1	4.7	10	ND		ug/Kg	422508	NA
Trichlorofluoromethane	SW8260B	NA	09/23/14	1	2.9	10	ND		ug/Kg	422508	NA
1,1-Dichloroethene	SW8260B	NA	09/23/14	1	1.5	10	ND		ug/Kg	422508	NA
Freon 113	SW8260B	NA	09/23/14	1	3.7	10	ND		ug/Kg	422508	NA
Methylene Chloride	SW8260B	NA	09/23/14	1	2.0	50	ND		ug/Kg	422508	NA
trans-1,2-Dichloroethene	SW8260B	NA	09/23/14	1	1.1	10	ND		ug/Kg	422508	NA
MTBE	SW8260B	NA	09/23/14	1	2.6	10	ND		ug/Kg	422508	NA
tert-Butanol	SW8260B	NA	09/23/14	1	21	50	ND		ug/Kg	422508	NA
Diisopropyl ether (DIPE)	SW8260B	NA	09/23/14	1	2.2	10	ND		ug/Kg	422508	NA
1,1-Dichloroethane	SW8260B	NA	09/23/14	1	1.3	10	ND		ug/Kg	422508	NA
ETBE	SW8260B	NA	09/23/14	1	2.4	10	ND		ug/Kg	422508	NA
cis-1,2-Dichloroethene	SW8260B	NA	09/23/14	1	1.8	10	ND		ug/Kg	422508	NA
2,2-Dichloropropane	SW8260B	NA	09/23/14	1	1.2	10	ND		ug/Kg	422508	NA
Bromochloromethane	SW8260B	NA	09/23/14	1	2.3	10	ND		ug/Kg	422508	NA
Chloroform	SW8260B	NA	09/23/14	1	1.2	10	ND		ug/Kg	422508	NA
Carbon Tetrachloride	SW8260B	NA	09/23/14	1	1.6	10	ND		ug/Kg	422508	NA
1,1,1-Trichloroethane	SW8260B	NA	09/23/14	1	1.2	10	ND		ug/Kg	422508	NA
1,1-Dichloropropene	SW8260B	NA	09/23/14	1	1.4	10	ND		ug/Kg	422508	NA
Benzene	SW8260B	NA	09/23/14	1	1.5	10	ND		ug/Kg	422508	NA
TAME	SW8260B	NA	09/23/14	1	2.1	10	ND		ug/Kg	422508	NA
1,2-Dichloroethane	SW8260B	NA	09/23/14	1	1.9	10	ND		ug/Kg	422508	NA
Trichloroethylene	SW8260B	NA	09/23/14	1	3.9	10	ND		ug/Kg	422508	NA
Dibromomethane	SW8260B	NA	09/23/14	1	2.2	10	ND		ug/Kg	422508	NA
1,2-Dichloropropane	SW8260B	NA	09/23/14	1	1.3	10	ND		ug/Kg	422508	NA
Bromodichloromethane	SW8260B	NA	09/23/14	1	1.1	10	ND		ug/Kg	422508	NA
cis-1,3-Dichloropropene	SW8260B	NA	09/23/14	1	1.4	10	ND		ug/Kg	422508	NA
Toluene	SW8260B	NA	09/23/14	1	0.98	10	ND		ug/Kg	422508	NA
Tetrachloroethylene	SW8260B	NA	09/23/14	1	1.8	10	ND		ug/Kg	422508	NA
trans-1,3-Dichloropropene	SW8260B	NA	09/23/14	1	1.2	10	ND		ug/Kg	422508	NA
1,1,2-Trichloroethane	SW8260B	NA	09/23/14	1	1.8	10	ND		ug/Kg	422508	NA
Dibromochloromethane	SW8260B	NA	09/23/14	1	1.1	10	ND		ug/Kg	422508	NA
1,3-Dichloropropane	SW8260B	NA	09/23/14	1	2.1	10	ND		ug/Kg	422508	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S1 @ 15.5-16	**Lab Sample ID:**	1409095-004A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 9:20		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	09/23/14	1	1.7	10	ND		ug/Kg	422508	NA
Ethyl Benzene	SW8260B	NA	09/23/14	1	0.86	10	ND		ug/Kg	422508	NA
Chlorobenzene	SW8260B	NA	09/23/14	1	4.2	10	ND		ug/Kg	422508	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	09/23/14	1	0.86	10	ND		ug/Kg	422508	NA
m,p-Xylene	SW8260B	NA	09/23/14	1	1.9	10	ND		ug/Kg	422508	NA
o-Xylene	SW8260B	NA	09/23/14	1	0.66	5.0	ND		ug/Kg	422508	NA
Styrene	SW8260B	NA	09/23/14	1	0.77	10	ND		ug/Kg	422508	NA
Bromoform	SW8260B	NA	09/23/14	1	1.9	10	ND		ug/Kg	422508	NA
Isopropyl Benzene	SW8260B	NA	09/23/14	1	1.2	10	ND		ug/Kg	422508	NA
n-Propylbenzene	SW8260B	NA	09/23/14	1	1.4	10	ND		ug/Kg	422508	NA
Bromobenzene	SW8260B	NA	09/23/14	1	1.2	10	ND		ug/Kg	422508	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	09/23/14	1	3.0	10	ND		ug/Kg	422508	NA
1,3,5-Trimethylbenzene	SW8260B	NA	09/23/14	1	1.1	10	ND		ug/Kg	422508	NA
1,2,3-Trichloropropane	SW8260B	NA	09/23/14	1	3.3	10	ND		ug/Kg	422508	NA
4-Chlorotoluene	SW8260B	NA	09/23/14	1	1.6	10	ND		ug/Kg	422508	NA
2-Chlorotoluene	SW8260B	NA	09/23/14	1	1.6	10	ND		ug/Kg	422508	NA
tert-Butylbenzene	SW8260B	NA	09/23/14	1	1.4	10	ND		ug/Kg	422508	NA
1,2,4-Trimethylbenzene	SW8260B	NA	09/23/14	1	1.1	10	ND		ug/Kg	422508	NA
sec-Butyl Benzene	SW8260B	NA	09/23/14	1	1.6	10	ND		ug/Kg	422508	NA
p-Isopropyltoluene	SW8260B	NA	09/23/14	1	1.5	10	ND		ug/Kg	422508	NA
1,3-Dichlorobenzene	SW8260B	NA	09/23/14	1	1.8	10	ND		ug/Kg	422508	NA
1,4-Dichlorobenzene	SW8260B	NA	09/23/14	1	1.5	10	ND		ug/Kg	422508	NA
n-Butylbenzene	SW8260B	NA	09/23/14	1	2.2	10	ND		ug/Kg	422508	NA
1,2-Dichlorobenzene	SW8260B	NA	09/23/14	1	1.3	10	ND		ug/Kg	422508	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	09/23/14	1	4.2	10	ND		ug/Kg	422508	NA
Hexachlorobutadiene	SW8260B	NA	09/23/14	1	2.6	10	ND		ug/Kg	422508	NA
1,2,4-Trichlorobenzene	SW8260B	NA	09/23/14	1	2.1	10	ND		ug/Kg	422508	NA
Naphthalene	SW8260B	NA	09/23/14	1	2.8	10	ND		ug/Kg	422508	NA
1,2,3-Trichlorobenzene	SW8260B	NA	09/23/14	1	2.9	10	ND		ug/Kg	422508	NA
(S) Dibromofluoromethane	SW8260B	NA	09/23/14	1	59.8	148	119		%	422508	NA
(S) Toluene-d8	SW8260B	NA	09/23/14	1	55.2	133	112		%	422508	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	09/23/14	1	55.8	141	106		%	422508	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S1 @ 15.5-16	**Lab Sample ID:**	1409095-004A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 9:20		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	9/23/14	09/23/14	1	30	100	ND		ug/Kg	422508	12766
(S) 4-Bromofluorobenzene	8260TPH	9/23/14	09/23/14	1	43.9	127	86.5		%	422508	12766

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel (SG)	SW8015B(M)	9/22/14	09/23/14	1	0.66	2.0	ND		mg/Kg	422511	12748
TPH as Motor Oil (SG)	SW8015B(M)	9/22/14	09/23/14	1	1.0	10	ND		mg/Kg	422511	12748
Pentacosane (S)	SW8015B(M)	9/22/14	09/23/14	1	49.9	144	88.9		%	422511	12748

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S2 @ 8-8.5	**Lab Sample ID:**	1409095-006A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 10:00		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	NA	09/24/14	5000	22000	50000	ND		ug/Kg	422541	NA
Chloromethane	SW8260B	NA	09/24/14	5000	23000	50000	ND		ug/Kg	422541	NA
Vinyl Chloride	SW8260B	NA	09/24/14	5000	13000	50000	ND		ug/Kg	422541	NA
Bromomethane	SW8260B	NA	09/24/14	5000	23000	50000	ND		ug/Kg	422541	NA
Trichlorofluoromethane	SW8260B	NA	09/24/14	5000	14000	50000	ND		ug/Kg	422541	NA
1,1-Dichloroethene	SW8260B	NA	09/24/14	5000	7700	50000	ND		ug/Kg	422541	NA
Freon 113	SW8260B	NA	09/24/14	5000	19000	50000	ND		ug/Kg	422541	NA
Methylene Chloride	SW8260B	NA	09/24/14	5000	9900	250000	ND		ug/Kg	422541	NA
trans-1,2-Dichloroethene	SW8260B	NA	09/24/14	5000	5600	50000	ND		ug/Kg	422541	NA
MTBE	SW8260B	NA	09/24/14	5000	13000	50000	ND		ug/Kg	422541	NA
tert-Butanol	SW8260B	NA	09/24/14	5000	100000	250000	ND		ug/Kg	422541	NA
Diisopropyl ether (DIPE)	SW8260B	NA	09/24/14	5000	11000	50000	ND		ug/Kg	422541	NA
1,1-Dichloroethane	SW8260B	NA	09/24/14	5000	6400	50000	ND		ug/Kg	422541	NA
ETBE	SW8260B	NA	09/24/14	5000	12000	50000	ND		ug/Kg	422541	NA
cis-1,2-Dichloroethene	SW8260B	NA	09/24/14	5000	8800	50000	ND		ug/Kg	422541	NA
2,2-Dichloropropane	SW8260B	NA	09/24/14	5000	6200	50000	ND		ug/Kg	422541	NA
Bromochloromethane	SW8260B	NA	09/24/14	5000	11000	50000	ND		ug/Kg	422541	NA
Chloroform	SW8260B	NA	09/24/14	5000	6100	50000	ND		ug/Kg	422541	NA
Carbon Tetrachloride	SW8260B	NA	09/24/14	5000	8100	50000	ND		ug/Kg	422541	NA
1,1,1-Trichloroethane	SW8260B	NA	09/24/14	5000	6100	50000	ND		ug/Kg	422541	NA
1,1-Dichloropropene	SW8260B	NA	09/24/14	5000	7200	50000	ND		ug/Kg	422541	NA
Benzene	SW8260B	NA	09/24/14	5000	7500	50000	ND		ug/Kg	422541	NA
TAME	SW8260B	NA	09/24/14	5000	10000	50000	ND		ug/Kg	422541	NA
1,2-Dichloroethane	SW8260B	NA	09/24/14	5000	9500	50000	ND		ug/Kg	422541	NA
Trichloroethylene	SW8260B	NA	09/24/14	5000	19000	50000	ND		ug/Kg	422541	NA
Dibromomethane	SW8260B	NA	09/24/14	5000	11000	50000	ND		ug/Kg	422541	NA
1,2-Dichloropropane	SW8260B	NA	09/24/14	5000	6500	50000	ND		ug/Kg	422541	NA
Bromodichloromethane	SW8260B	NA	09/24/14	5000	5600	50000	ND		ug/Kg	422541	NA
cis-1,3-Dichloropropene	SW8260B	NA	09/24/14	5000	7100	50000	ND		ug/Kg	422541	NA
Toluene	SW8260B	NA	09/24/14	5000	4900	50000	ND		ug/Kg	422541	NA
Tetrachloroethylene	SW8260B	NA	09/24/14	5000	9000	50000	ND		ug/Kg	422541	NA
trans-1,3-Dichloropropene	SW8260B	NA	09/24/14	5000	5800	50000	ND		ug/Kg	422541	NA
1,1,2-Trichloroethane	SW8260B	NA	09/24/14	5000	9100	50000	ND		ug/Kg	422541	NA
Dibromochloromethane	SW8260B	NA	09/24/14	5000	5600	50000	ND		ug/Kg	422541	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S2 @ 8-8.5	**Lab Sample ID:**	1409095-006A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 10:00		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
1,3-Dichloropropane	SW8260B	NA	09/24/14	5000	10000	50000	ND		ug/Kg	422541	NA
1,2-Dibromoethane	SW8260B	NA	09/24/14	5000	8700	50000	ND		ug/Kg	422541	NA
Ethyl Benzene	SW8260B	NA	09/24/14	5000	4300	50000	ND		ug/Kg	422541	NA
Chlorobenzene	SW8260B	NA	09/24/14	5000	21000	50000	ND		ug/Kg	422541	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	09/24/14	5000	4300	50000	ND		ug/Kg	422541	NA
m,p-Xylene	SW8260B	NA	09/24/14	5000	9300	50000	ND		ug/Kg	422541	NA
o-Xylene	SW8260B	NA	09/24/14	5000	3300	25000	ND		ug/Kg	422541	NA
Styrene	SW8260B	NA	09/24/14	5000	3800	50000	ND		ug/Kg	422541	NA
Bromoform	SW8260B	NA	09/24/14	5000	9500	50000	ND		ug/Kg	422541	NA
Isopropyl Benzene	SW8260B	NA	09/24/14	5000	6200	50000	ND		ug/Kg	422541	NA
n-Propylbenzene	SW8260B	NA	09/24/14	5000	7100	50000	ND		ug/Kg	422541	NA
Bromobenzene	SW8260B	NA	09/24/14	5000	5900	50000	ND		ug/Kg	422541	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	09/24/14	5000	15000	50000	ND		ug/Kg	422541	NA
1,3,5-Trimethylbenzene	SW8260B	NA	09/24/14	5000	5600	50000	ND		ug/Kg	422541	NA
1,2,3-Trichloropropane	SW8260B	NA	09/24/14	5000	17000	50000	ND		ug/Kg	422541	NA
4-Chlorotoluene	SW8260B	NA	09/24/14	5000	7900	50000	ND		ug/Kg	422541	NA
2-Chlorotoluene	SW8260B	NA	09/24/14	5000	7900	50000	ND		ug/Kg	422541	NA
tert-Butylbenzene	SW8260B	NA	09/24/14	5000	7200	50000	ND		ug/Kg	422541	NA
1,2,4-Trimethylbenzene	SW8260B	NA	09/24/14	5000	5400	50000	ND		ug/Kg	422541	NA
sec-Butyl Benzene	SW8260B	NA	09/24/14	5000	8200	50000	ND		ug/Kg	422541	NA
p-Isopropyltoluene	SW8260B	NA	09/24/14	5000	7300	50000	ND		ug/Kg	422541	NA
1,3-Dichlorobenzene	SW8260B	NA	09/24/14	5000	9000	50000	ND		ug/Kg	422541	NA
1,4-Dichlorobenzene	SW8260B	NA	09/24/14	5000	7500	50000	ND		ug/Kg	422541	NA
n-Butylbenzene	SW8260B	NA	09/24/14	5000	11000	50000	ND		ug/Kg	422541	NA
1,2-Dichlorobenzene	SW8260B	NA	09/24/14	5000	6600	50000	ND		ug/Kg	422541	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	09/24/14	5000	21000	50000	ND		ug/Kg	422541	NA
Hexachlorobutadiene	SW8260B	NA	09/24/14	5000	13000	50000	ND		ug/Kg	422541	NA
1,2,4-Trichlorobenzene	SW8260B	NA	09/24/14	5000	11000	50000	ND		ug/Kg	422541	NA
Naphthalene	SW8260B	NA	09/24/14	5000	14000	50000	ND		ug/Kg	422541	NA
1,2,3-Trichlorobenzene	SW8260B	NA	09/24/14	5000	14000	50000	ND		ug/Kg	422541	NA
(S) Dibromofluoromethane	SW8260B	NA	09/24/14	5000	59.8	148	111		%	422541	NA
(S) Toluene-d8	SW8260B	NA	09/24/14	5000	55.2	133	109		%	422541	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	09/24/14	5000	55.8	141	109		%	422541	NA

NOTE: The reporting limits were raised due to the high concentration of non-target heavy end compounds.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S2 @ 8-8.5	**Lab Sample ID:**	1409095-006A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 10:00		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	9/24/14	09/24/14	1000	30000	100000	1100000	x	ug/Kg	422541	12786
(S) 4-Bromofluorobenzene	8260TPH	9/24/14	09/24/14	1000	43.9	127	125		%	422541	12786

NOTE: x - Does not match pattern of reference Gasoline standard. Best match with pattern of mineral spirits.

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel (SG)	SW8015B(M)	9/22/14	09/23/14	1	0.66	2.0	27	x	mg/Kg	422511	12748
TPH as Motor Oil (SG)	SW8015B(M)	9/22/14	09/23/14	1	1.0	10	ND		mg/Kg	422511	12748
Pentacosane (S)	SW8015B(M)	9/22/14	09/23/14	1	49.9	144	72.6		%	422511	12748

NOTE: x- Chromatographic pattern does not resemble typical diesel reference standard; unknown organics within diesel range quantified as diesel.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S2 @ 12-12.5	**Lab Sample ID:**	1409095-007A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 10:10		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	09/23/14	1	4.4	10	ND		ug/Kg	422508	NA
Chloromethane	SW8260B	NA	09/23/14	1	4.6	10	ND		ug/Kg	422508	NA
Vinyl Chloride	SW8260B	NA	09/23/14	1	2.6	10	ND		ug/Kg	422508	NA
Bromomethane	SW8260B	NA	09/23/14	1	4.7	10	ND		ug/Kg	422508	NA
Trichlorofluoromethane	SW8260B	NA	09/23/14	1	2.9	10	ND		ug/Kg	422508	NA
1,1-Dichloroethene	SW8260B	NA	09/23/14	1	1.5	10	ND		ug/Kg	422508	NA
Freon 113	SW8260B	NA	09/23/14	1	3.7	10	ND		ug/Kg	422508	NA
Methylene Chloride	SW8260B	NA	09/23/14	1	2.0	50	ND		ug/Kg	422508	NA
trans-1,2-Dichloroethene	SW8260B	NA	09/23/14	1	1.1	10	ND		ug/Kg	422508	NA
MTBE	SW8260B	NA	09/23/14	1	2.6	10	ND		ug/Kg	422508	NA
tert-Butanol	SW8260B	NA	09/23/14	1	21	50	ND		ug/Kg	422508	NA
Diisopropyl ether (DIPE)	SW8260B	NA	09/23/14	1	2.2	10	ND		ug/Kg	422508	NA
1,1-Dichloroethane	SW8260B	NA	09/23/14	1	1.3	10	ND		ug/Kg	422508	NA
ETBE	SW8260B	NA	09/23/14	1	2.4	10	ND		ug/Kg	422508	NA
cis-1,2-Dichloroethene	SW8260B	NA	09/23/14	1	1.8	10	ND		ug/Kg	422508	NA
2,2-Dichloropropane	SW8260B	NA	09/23/14	1	1.2	10	ND		ug/Kg	422508	NA
Bromochloromethane	SW8260B	NA	09/23/14	1	2.3	10	ND		ug/Kg	422508	NA
Chloroform	SW8260B	NA	09/23/14	1	1.2	10	ND		ug/Kg	422508	NA
Carbon Tetrachloride	SW8260B	NA	09/23/14	1	1.6	10	ND		ug/Kg	422508	NA
1,1,1-Trichloroethane	SW8260B	NA	09/23/14	1	1.2	10	ND		ug/Kg	422508	NA
1,1-Dichloropropene	SW8260B	NA	09/23/14	1	1.4	10	ND		ug/Kg	422508	NA
Benzene	SW8260B	NA	09/23/14	1	1.5	10	ND		ug/Kg	422508	NA
TAME	SW8260B	NA	09/23/14	1	2.1	10	ND		ug/Kg	422508	NA
1,2-Dichloroethane	SW8260B	NA	09/23/14	1	1.9	10	ND		ug/Kg	422508	NA
Trichloroethylene	SW8260B	NA	09/23/14	1	3.9	10	ND		ug/Kg	422508	NA
Dibromomethane	SW8260B	NA	09/23/14	1	2.2	10	ND		ug/Kg	422508	NA
1,2-Dichloropropane	SW8260B	NA	09/23/14	1	1.3	10	ND		ug/Kg	422508	NA
Bromodichloromethane	SW8260B	NA	09/23/14	1	1.1	10	ND		ug/Kg	422508	NA
cis-1,3-Dichloropropene	SW8260B	NA	09/23/14	1	1.4	10	ND		ug/Kg	422508	NA
Toluene	SW8260B	NA	09/23/14	1	0.98	10	ND		ug/Kg	422508	NA
Tetrachloroethylene	SW8260B	NA	09/23/14	1	1.8	10	ND		ug/Kg	422508	NA
trans-1,3-Dichloropropene	SW8260B	NA	09/23/14	1	1.2	10	ND		ug/Kg	422508	NA
1,1,2-Trichloroethane	SW8260B	NA	09/23/14	1	1.8	10	ND		ug/Kg	422508	NA
Dibromochloromethane	SW8260B	NA	09/23/14	1	1.1	10	ND		ug/Kg	422508	NA
1,3-Dichloropropane	SW8260B	NA	09/23/14	1	2.1	10	ND		ug/Kg	422508	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S2 @ 12-12.5	**Lab Sample ID:**	1409095-007A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 10:10		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	09/23/14	1	1.7	10	ND		ug/Kg	422508	NA
Ethyl Benzene	SW8260B	NA	09/23/14	1	0.86	10	ND		ug/Kg	422508	NA
Chlorobenzene	SW8260B	NA	09/23/14	1	4.2	10	ND		ug/Kg	422508	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	09/23/14	1	0.86	10	ND		ug/Kg	422508	NA
m,p-Xylene	SW8260B	NA	09/23/14	1	1.9	10	ND		ug/Kg	422508	NA
o-Xylene	SW8260B	NA	09/23/14	1	0.66	5.0	ND		ug/Kg	422508	NA
Styrene	SW8260B	NA	09/23/14	1	0.77	10	ND		ug/Kg	422508	NA
Bromoform	SW8260B	NA	09/23/14	1	1.9	10	ND		ug/Kg	422508	NA
Isopropyl Benzene	SW8260B	NA	09/23/14	1	1.2	10	ND		ug/Kg	422508	NA
n-Propylbenzene	SW8260B	NA	09/23/14	1	1.4	10	ND		ug/Kg	422508	NA
Bromobenzene	SW8260B	NA	09/23/14	1	1.2	10	ND		ug/Kg	422508	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	09/23/14	1	3.0	10	ND		ug/Kg	422508	NA
1,3,5-Trimethylbenzene	SW8260B	NA	09/23/14	1	1.1	10	ND		ug/Kg	422508	NA
1,2,3-Trichloropropane	SW8260B	NA	09/23/14	1	3.3	10	ND		ug/Kg	422508	NA
4-Chlorotoluene	SW8260B	NA	09/23/14	1	1.6	10	ND		ug/Kg	422508	NA
2-Chlorotoluene	SW8260B	NA	09/23/14	1	1.6	10	ND		ug/Kg	422508	NA
tert-Butylbenzene	SW8260B	NA	09/23/14	1	1.4	10	ND		ug/Kg	422508	NA
1,2,4-Trimethylbenzene	SW8260B	NA	09/23/14	1	1.1	10	ND		ug/Kg	422508	NA
sec-Butyl Benzene	SW8260B	NA	09/23/14	1	1.6	10	ND		ug/Kg	422508	NA
p-Isopropyltoluene	SW8260B	NA	09/23/14	1	1.5	10	ND		ug/Kg	422508	NA
1,3-Dichlorobenzene	SW8260B	NA	09/23/14	1	1.8	10	ND		ug/Kg	422508	NA
1,4-Dichlorobenzene	SW8260B	NA	09/23/14	1	1.5	10	ND		ug/Kg	422508	NA
n-Butylbenzene	SW8260B	NA	09/23/14	1	2.2	10	ND		ug/Kg	422508	NA
1,2-Dichlorobenzene	SW8260B	NA	09/23/14	1	1.3	10	ND		ug/Kg	422508	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	09/23/14	1	4.2	10	ND		ug/Kg	422508	NA
Hexachlorobutadiene	SW8260B	NA	09/23/14	1	2.6	10	ND		ug/Kg	422508	NA
1,2,4-Trichlorobenzene	SW8260B	NA	09/23/14	1	2.1	10	ND		ug/Kg	422508	NA
Naphthalene	SW8260B	NA	09/23/14	1	2.8	10	ND		ug/Kg	422508	NA
1,2,3-Trichlorobenzene	SW8260B	NA	09/23/14	1	2.9	10	ND		ug/Kg	422508	NA
(S) Dibromofluoromethane	SW8260B	NA	09/23/14	1	59.8	148	121		%	422508	NA
(S) Toluene-d8	SW8260B	NA	09/23/14	1	55.2	133	114		%	422508	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	09/23/14	1	55.8	141	109		%	422508	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S2 @ 12-12.5	**Lab Sample ID:**	1409095-007A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 10:10		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	9/23/14	09/23/14	1	30	100	ND		ug/Kg	422508	12766
(S) 4-Bromofluorobenzene	8260TPH	9/23/14	09/23/14	1	43.9	127	76.6		%	422508	12766

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel (SG)	SW8015B(M)	9/22/14	09/23/14	1	0.66	2.0	ND		mg/Kg	422511	12748
TPH as Motor Oil (SG)	SW8015B(M)	9/22/14	09/23/14	1	1.0	10	ND		mg/Kg	422511	12748
Pentacosane (S)	SW8015B(M)	9/22/14	09/23/14	1	49.9	144	110		%	422511	12748

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S2 @ 15-15.5	**Lab Sample ID:**	1409095-008A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 10:20		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	09/23/14	1	4.4	10	ND		ug/Kg	422508	NA
Chloromethane	SW8260B	NA	09/23/14	1	4.6	10	ND		ug/Kg	422508	NA
Vinyl Chloride	SW8260B	NA	09/23/14	1	2.6	10	ND		ug/Kg	422508	NA
Bromomethane	SW8260B	NA	09/23/14	1	4.7	10	ND		ug/Kg	422508	NA
Trichlorofluoromethane	SW8260B	NA	09/23/14	1	2.9	10	ND		ug/Kg	422508	NA
1,1-Dichloroethene	SW8260B	NA	09/23/14	1	1.5	10	ND		ug/Kg	422508	NA
Freon 113	SW8260B	NA	09/23/14	1	3.7	10	ND		ug/Kg	422508	NA
Methylene Chloride	SW8260B	NA	09/23/14	1	2.0	50	ND		ug/Kg	422508	NA
trans-1,2-Dichloroethene	SW8260B	NA	09/23/14	1	1.1	10	ND		ug/Kg	422508	NA
MTBE	SW8260B	NA	09/23/14	1	2.6	10	ND		ug/Kg	422508	NA
tert-Butanol	SW8260B	NA	09/23/14	1	21	50	ND		ug/Kg	422508	NA
Diisopropyl ether (DIPE)	SW8260B	NA	09/23/14	1	2.2	10	ND		ug/Kg	422508	NA
1,1-Dichloroethane	SW8260B	NA	09/23/14	1	1.3	10	ND		ug/Kg	422508	NA
ETBE	SW8260B	NA	09/23/14	1	2.4	10	ND		ug/Kg	422508	NA
cis-1,2-Dichloroethene	SW8260B	NA	09/23/14	1	1.8	10	ND		ug/Kg	422508	NA
2,2-Dichloropropane	SW8260B	NA	09/23/14	1	1.2	10	ND		ug/Kg	422508	NA
Bromochloromethane	SW8260B	NA	09/23/14	1	2.3	10	ND		ug/Kg	422508	NA
Chloroform	SW8260B	NA	09/23/14	1	1.2	10	ND		ug/Kg	422508	NA
Carbon Tetrachloride	SW8260B	NA	09/23/14	1	1.6	10	ND		ug/Kg	422508	NA
1,1,1-Trichloroethane	SW8260B	NA	09/23/14	1	1.2	10	ND		ug/Kg	422508	NA
1,1-Dichloropropene	SW8260B	NA	09/23/14	1	1.4	10	ND		ug/Kg	422508	NA
Benzene	SW8260B	NA	09/23/14	1	1.5	10	ND		ug/Kg	422508	NA
TAME	SW8260B	NA	09/23/14	1	2.1	10	ND		ug/Kg	422508	NA
1,2-Dichloroethane	SW8260B	NA	09/23/14	1	1.9	10	ND		ug/Kg	422508	NA
Trichloroethylene	SW8260B	NA	09/23/14	1	3.9	10	ND		ug/Kg	422508	NA
Dibromomethane	SW8260B	NA	09/23/14	1	2.2	10	ND		ug/Kg	422508	NA
1,2-Dichloropropane	SW8260B	NA	09/23/14	1	1.3	10	ND		ug/Kg	422508	NA
Bromodichloromethane	SW8260B	NA	09/23/14	1	1.1	10	ND		ug/Kg	422508	NA
cis-1,3-Dichloropropene	SW8260B	NA	09/23/14	1	1.4	10	ND		ug/Kg	422508	NA
Toluene	SW8260B	NA	09/23/14	1	0.98	10	ND		ug/Kg	422508	NA
Tetrachloroethylene	SW8260B	NA	09/23/14	1	1.8	10	ND		ug/Kg	422508	NA
trans-1,3-Dichloropropene	SW8260B	NA	09/23/14	1	1.2	10	ND		ug/Kg	422508	NA
1,1,2-Trichloroethane	SW8260B	NA	09/23/14	1	1.8	10	ND		ug/Kg	422508	NA
Dibromochloromethane	SW8260B	NA	09/23/14	1	1.1	10	ND		ug/Kg	422508	NA
1,3-Dichloropropane	SW8260B	NA	09/23/14	1	2.1	10	ND		ug/Kg	422508	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S2 @ 15-15.5	**Lab Sample ID:**	1409095-008A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 10:20		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	09/23/14	1	1.7	10	ND		ug/Kg	422508	NA
Ethyl Benzene	SW8260B	NA	09/23/14	1	0.86	10	ND		ug/Kg	422508	NA
Chlorobenzene	SW8260B	NA	09/23/14	1	4.2	10	ND		ug/Kg	422508	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	09/23/14	1	0.86	10	ND		ug/Kg	422508	NA
m,p-Xylene	SW8260B	NA	09/23/14	1	1.9	10	ND		ug/Kg	422508	NA
o-Xylene	SW8260B	NA	09/23/14	1	0.66	5.0	ND		ug/Kg	422508	NA
Styrene	SW8260B	NA	09/23/14	1	0.77	10	ND		ug/Kg	422508	NA
Bromoform	SW8260B	NA	09/23/14	1	1.9	10	ND		ug/Kg	422508	NA
Isopropyl Benzene	SW8260B	NA	09/23/14	1	1.2	10	ND		ug/Kg	422508	NA
n-Propylbenzene	SW8260B	NA	09/23/14	1	1.4	10	ND		ug/Kg	422508	NA
Bromobenzene	SW8260B	NA	09/23/14	1	1.2	10	ND		ug/Kg	422508	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	09/23/14	1	3.0	10	ND		ug/Kg	422508	NA
1,3,5-Trimethylbenzene	SW8260B	NA	09/23/14	1	1.1	10	ND		ug/Kg	422508	NA
1,2,3-Trichloropropane	SW8260B	NA	09/23/14	1	3.3	10	ND		ug/Kg	422508	NA
4-Chlorotoluene	SW8260B	NA	09/23/14	1	1.6	10	ND		ug/Kg	422508	NA
2-Chlorotoluene	SW8260B	NA	09/23/14	1	1.6	10	ND		ug/Kg	422508	NA
tert-Butylbenzene	SW8260B	NA	09/23/14	1	1.4	10	ND		ug/Kg	422508	NA
1,2,4-Trimethylbenzene	SW8260B	NA	09/23/14	1	1.1	10	ND		ug/Kg	422508	NA
sec-Butyl Benzene	SW8260B	NA	09/23/14	1	1.6	10	ND		ug/Kg	422508	NA
p-Isopropyltoluene	SW8260B	NA	09/23/14	1	1.5	10	ND		ug/Kg	422508	NA
1,3-Dichlorobenzene	SW8260B	NA	09/23/14	1	1.8	10	ND		ug/Kg	422508	NA
1,4-Dichlorobenzene	SW8260B	NA	09/23/14	1	1.5	10	ND		ug/Kg	422508	NA
n-Butylbenzene	SW8260B	NA	09/23/14	1	2.2	10	ND		ug/Kg	422508	NA
1,2-Dichlorobenzene	SW8260B	NA	09/23/14	1	1.3	10	ND		ug/Kg	422508	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	09/23/14	1	4.2	10	ND		ug/Kg	422508	NA
Hexachlorobutadiene	SW8260B	NA	09/23/14	1	2.6	10	ND		ug/Kg	422508	NA
1,2,4-Trichlorobenzene	SW8260B	NA	09/23/14	1	2.1	10	ND		ug/Kg	422508	NA
Naphthalene	SW8260B	NA	09/23/14	1	2.8	10	ND		ug/Kg	422508	NA
1,2,3-Trichlorobenzene	SW8260B	NA	09/23/14	1	2.9	10	ND		ug/Kg	422508	NA
(S) Dibromofluoromethane	SW8260B	NA	09/23/14	1	59.8	148	117		%	422508	NA
(S) Toluene-d8	SW8260B	NA	09/23/14	1	55.2	133	109		%	422508	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	09/23/14	1	55.8	141	106		%	422508	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S2 @ 15-15.5	**Lab Sample ID:**	1409095-008A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 10:20		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	9/23/14	09/23/14	1	30	100	ND		ug/Kg	422508	12766
(S) 4-Bromofluorobenzene	8260TPH	9/23/14	09/23/14	1	43.9	127	82.1		%	422508	12766

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel (SG)	SW8015B(M)	9/22/14	09/23/14	1	0.66	2.0	ND		mg/Kg	422511	12748
TPH as Motor Oil (SG)	SW8015B(M)	9/22/14	09/23/14	1	1.0	10	ND		mg/Kg	422511	12748
Pentacosane (S)	SW8015B(M)	9/22/14	09/23/14	1	49.9	144	87.1		%	422511	12748

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S3 @ 8-8.5	**Lab Sample ID:**	1409095-010A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 11:00		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	NA	09/24/14	20000	87000	200000	ND		ug/Kg	422541	NA
Chloromethane	SW8260B	NA	09/24/14	20000	92000	200000	ND		ug/Kg	422541	NA
Vinyl Chloride	SW8260B	NA	09/24/14	20000	53000	200000	ND		ug/Kg	422541	NA
Bromomethane	SW8260B	NA	09/24/14	20000	93000	200000	ND		ug/Kg	422541	NA
Trichlorofluoromethane	SW8260B	NA	09/24/14	20000	58000	200000	ND		ug/Kg	422541	NA
1,1-Dichloroethene	SW8260B	NA	09/24/14	20000	31000	200000	ND		ug/Kg	422541	NA
Freon 113	SW8260B	NA	09/24/14	20000	74000	200000	ND		ug/Kg	422541	NA
Methylene Chloride	SW8260B	NA	09/24/14	20000	40000	1000000	ND		ug/Kg	422541	NA
trans-1,2-Dichloroethene	SW8260B	NA	09/24/14	20000	22000	200000	ND		ug/Kg	422541	NA
MTBE	SW8260B	NA	09/24/14	20000	52000	200000	ND		ug/Kg	422541	NA
tert-Butanol	SW8260B	NA	09/24/14	20000	420000	1000000	ND		ug/Kg	422541	NA
Diisopropyl ether (DIPE)	SW8260B	NA	09/24/14	20000	44000	200000	ND		ug/Kg	422541	NA
1,1-Dichloroethane	SW8260B	NA	09/24/14	20000	26000	200000	ND		ug/Kg	422541	NA
ETBE	SW8260B	NA	09/24/14	20000	48000	200000	ND		ug/Kg	422541	NA
cis-1,2-Dichloroethene	SW8260B	NA	09/24/14	20000	35000	200000	ND		ug/Kg	422541	NA
2,2-Dichloropropane	SW8260B	NA	09/24/14	20000	25000	200000	ND		ug/Kg	422541	NA
Bromochloromethane	SW8260B	NA	09/24/14	20000	46000	200000	ND		ug/Kg	422541	NA
Chloroform	SW8260B	NA	09/24/14	20000	24000	200000	ND		ug/Kg	422541	NA
Carbon Tetrachloride	SW8260B	NA	09/24/14	20000	32000	200000	ND		ug/Kg	422541	NA
1,1,1-Trichloroethane	SW8260B	NA	09/24/14	20000	24000	200000	ND		ug/Kg	422541	NA
1,1-Dichloropropene	SW8260B	NA	09/24/14	20000	29000	200000	ND		ug/Kg	422541	NA
Benzene	SW8260B	NA	09/24/14	20000	30000	200000	ND		ug/Kg	422541	NA
TAME	SW8260B	NA	09/24/14	20000	41000	200000	ND		ug/Kg	422541	NA
1,2-Dichloroethane	SW8260B	NA	09/24/14	20000	38000	200000	ND		ug/Kg	422541	NA
Trichloroethylene	SW8260B	NA	09/24/14	20000	78000	200000	ND		ug/Kg	422541	NA
Dibromomethane	SW8260B	NA	09/24/14	20000	44000	200000	ND		ug/Kg	422541	NA
1,2-Dichloropropane	SW8260B	NA	09/24/14	20000	26000	200000	ND		ug/Kg	422541	NA
Bromodichloromethane	SW8260B	NA	09/24/14	20000	22000	200000	ND		ug/Kg	422541	NA
cis-1,3-Dichloropropene	SW8260B	NA	09/24/14	20000	28000	200000	ND		ug/Kg	422541	NA
Toluene	SW8260B	NA	09/24/14	20000	20000	200000	ND		ug/Kg	422541	NA
Tetrachloroethylene	SW8260B	NA	09/24/14	20000	36000	200000	ND		ug/Kg	422541	NA
trans-1,3-Dichloropropene	SW8260B	NA	09/24/14	20000	23000	200000	ND		ug/Kg	422541	NA
1,1,2-Trichloroethane	SW8260B	NA	09/24/14	20000	37000	200000	ND		ug/Kg	422541	NA
Dibromochloromethane	SW8260B	NA	09/24/14	20000	22000	200000	ND		ug/Kg	422541	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S3 @ 8-8.5	**Lab Sample ID:**	1409095-010A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 11:00		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
1,3-Dichloropropane	SW8260B	NA	09/24/14	20000	41000	200000	ND		ug/Kg	422541	NA
1,2-Dibromoethane	SW8260B	NA	09/24/14	20000	35000	200000	ND		ug/Kg	422541	NA
Ethyl Benzene	SW8260B	NA	09/24/14	20000	17000	200000	ND		ug/Kg	422541	NA
Chlorobenzene	SW8260B	NA	09/24/14	20000	84000	200000	ND		ug/Kg	422541	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	09/24/14	20000	17000	200000	ND		ug/Kg	422541	NA
m,p-Xylene	SW8260B	NA	09/24/14	20000	37000	200000	ND		ug/Kg	422541	NA
o-Xylene	SW8260B	NA	09/24/14	20000	13000	100000	ND		ug/Kg	422541	NA
Styrene	SW8260B	NA	09/24/14	20000	15000	200000	ND		ug/Kg	422541	NA
Bromoform	SW8260B	NA	09/24/14	20000	38000	200000	ND		ug/Kg	422541	NA
Isopropyl Benzene	SW8260B	NA	09/24/14	20000	25000	200000	ND		ug/Kg	422541	NA
n-Propylbenzene	SW8260B	NA	09/24/14	20000	29000	200000	ND		ug/Kg	422541	NA
Bromobenzene	SW8260B	NA	09/24/14	20000	24000	200000	ND		ug/Kg	422541	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	09/24/14	20000	60000	200000	ND		ug/Kg	422541	NA
1,3,5-Trimethylbenzene	SW8260B	NA	09/24/14	20000	23000	200000	ND		ug/Kg	422541	NA
1,2,3-Trichloropropane	SW8260B	NA	09/24/14	20000	67000	200000	ND		ug/Kg	422541	NA
4-Chlorotoluene	SW8260B	NA	09/24/14	20000	32000	200000	ND		ug/Kg	422541	NA
2-Chlorotoluene	SW8260B	NA	09/24/14	20000	32000	200000	ND		ug/Kg	422541	NA
tert-Butylbenzene	SW8260B	NA	09/24/14	20000	29000	200000	ND		ug/Kg	422541	NA
1,2,4-Trimethylbenzene	SW8260B	NA	09/24/14	20000	22000	200000	ND		ug/Kg	422541	NA
sec-Butyl Benzene	SW8260B	NA	09/24/14	20000	33000	200000	ND		ug/Kg	422541	NA
p-Isopropyltoluene	SW8260B	NA	09/24/14	20000	29000	200000	ND		ug/Kg	422541	NA
1,3-Dichlorobenzene	SW8260B	NA	09/24/14	20000	36000	200000	ND		ug/Kg	422541	NA
1,4-Dichlorobenzene	SW8260B	NA	09/24/14	20000	30000	200000	ND		ug/Kg	422541	NA
n-Butylbenzene	SW8260B	NA	09/24/14	20000	44000	200000	ND		ug/Kg	422541	NA
1,2-Dichlorobenzene	SW8260B	NA	09/24/14	20000	26000	200000	ND		ug/Kg	422541	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	09/24/14	20000	85000	200000	ND		ug/Kg	422541	NA
Hexachlorobutadiene	SW8260B	NA	09/24/14	20000	51000	200000	ND		ug/Kg	422541	NA
1,2,4-Trichlorobenzene	SW8260B	NA	09/24/14	20000	43000	200000	ND		ug/Kg	422541	NA
Naphthalene	SW8260B	NA	09/24/14	20000	57000	200000	ND		ug/Kg	422541	NA
1,2,3-Trichlorobenzene	SW8260B	NA	09/24/14	20000	58000	200000	ND		ug/Kg	422541	NA
(S) Dibromofluoromethane	SW8260B	NA	09/24/14	20000	59.8	148	108		%	422541	NA
(S) Toluene-d8	SW8260B	NA	09/24/14	20000	55.2	133	112		%	422541	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	09/24/14	20000	55.8	141	116		%	422541	NA

NOTE: The reporting limits were raised due to the high concentration of non-target heavy end compounds.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S3 @ 8-8.5	**Lab Sample ID:**	1409095-010A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 11:00		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	9/24/14	09/24/14	5000	150000	500000	11000000	x	ug/Kg	422541	12786
(S) 4-Bromofluorobenzene	8260TPH	9/24/14	09/24/14	5000	43.9	127	151	S	%	422541	12786

NOTE: x - Does not match pattern of reference Gasoline standard. Best match with pattern of mineral spirits. S - High surrogate recovery attributed to TPH interference.

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel (SG)	SW8015B(M)	9/22/14	09/25/14	1	0.66	2.0	15	x	mg/Kg	422544	12748
TPH as Motor Oil (SG)	SW8015B(M)	9/22/14	09/25/14	1	1.0	10	ND		mg/Kg	422544	12748
Pentacosane (S)	SW8015B(M)	9/22/14	09/25/14	1	49.9	144	55.2		%	422544	12748

NOTE: x- Chromatographic pattern does not resemble typical diesel reference standard; unknown organics within diesel range quantified as diesel.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S3 @ 11.5-12	**Lab Sample ID:**	1409095-011A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 11:05		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	09/24/14	1	4.4	10	ND		ug/Kg	422541	NA
Chloromethane	SW8260B	NA	09/24/14	1	4.6	10	ND		ug/Kg	422541	NA
Vinyl Chloride	SW8260B	NA	09/24/14	1	2.6	10	ND		ug/Kg	422541	NA
Bromomethane	SW8260B	NA	09/24/14	1	4.7	10	ND		ug/Kg	422541	NA
Trichlorofluoromethane	SW8260B	NA	09/24/14	1	2.9	10	ND		ug/Kg	422541	NA
1,1-Dichloroethene	SW8260B	NA	09/24/14	1	1.5	10	ND		ug/Kg	422541	NA
Freon 113	SW8260B	NA	09/24/14	1	3.7	10	ND		ug/Kg	422541	NA
Methylene Chloride	SW8260B	NA	09/24/14	1	2.0	50	ND		ug/Kg	422541	NA
trans-1,2-Dichloroethene	SW8260B	NA	09/24/14	1	1.1	10	ND		ug/Kg	422541	NA
MTBE	SW8260B	NA	09/24/14	1	2.6	10	ND		ug/Kg	422541	NA
tert-Butanol	SW8260B	NA	09/24/14	1	21	50	ND		ug/Kg	422541	NA
Diisopropyl ether (DIPE)	SW8260B	NA	09/24/14	1	2.2	10	ND		ug/Kg	422541	NA
1,1-Dichloroethane	SW8260B	NA	09/24/14	1	1.3	10	ND		ug/Kg	422541	NA
ETBE	SW8260B	NA	09/24/14	1	2.4	10	ND		ug/Kg	422541	NA
cis-1,2-Dichloroethene	SW8260B	NA	09/24/14	1	1.8	10	ND		ug/Kg	422541	NA
2,2-Dichloropropane	SW8260B	NA	09/24/14	1	1.2	10	ND		ug/Kg	422541	NA
Bromochloromethane	SW8260B	NA	09/24/14	1	2.3	10	ND		ug/Kg	422541	NA
Chloroform	SW8260B	NA	09/24/14	1	1.2	10	ND		ug/Kg	422541	NA
Carbon Tetrachloride	SW8260B	NA	09/24/14	1	1.6	10	ND		ug/Kg	422541	NA
1,1,1-Trichloroethane	SW8260B	NA	09/24/14	1	1.2	10	ND		ug/Kg	422541	NA
1,1-Dichloropropene	SW8260B	NA	09/24/14	1	1.4	10	ND		ug/Kg	422541	NA
Benzene	SW8260B	NA	09/24/14	1	1.5	10	ND		ug/Kg	422541	NA
TAME	SW8260B	NA	09/24/14	1	2.1	10	ND		ug/Kg	422541	NA
1,2-Dichloroethane	SW8260B	NA	09/24/14	1	1.9	10	ND		ug/Kg	422541	NA
Trichloroethylene	SW8260B	NA	09/24/14	1	3.9	10	ND		ug/Kg	422541	NA
Dibromomethane	SW8260B	NA	09/24/14	1	2.2	10	ND		ug/Kg	422541	NA
1,2-Dichloropropane	SW8260B	NA	09/24/14	1	1.3	10	ND		ug/Kg	422541	NA
Bromodichloromethane	SW8260B	NA	09/24/14	1	1.1	10	ND		ug/Kg	422541	NA
cis-1,3-Dichloropropene	SW8260B	NA	09/24/14	1	1.4	10	ND		ug/Kg	422541	NA
Toluene	SW8260B	NA	09/24/14	1	0.98	10	ND		ug/Kg	422541	NA
Tetrachloroethylene	SW8260B	NA	09/24/14	1	1.8	10	ND		ug/Kg	422541	NA
trans-1,3-Dichloropropene	SW8260B	NA	09/24/14	1	1.2	10	ND		ug/Kg	422541	NA
1,1,2-Trichloroethane	SW8260B	NA	09/24/14	1	1.8	10	ND		ug/Kg	422541	NA
Dibromochloromethane	SW8260B	NA	09/24/14	1	1.1	10	ND		ug/Kg	422541	NA
1,3-Dichloropropane	SW8260B	NA	09/24/14	1	2.1	10	ND		ug/Kg	422541	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S3 @ 11.5-12	**Lab Sample ID:**	1409095-011A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 11:05		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	09/24/14	1	1.7	10	ND		ug/Kg	422541	NA
Ethyl Benzene	SW8260B	NA	09/24/14	1	0.86	10	ND		ug/Kg	422541	NA
Chlorobenzene	SW8260B	NA	09/24/14	1	4.2	10	ND		ug/Kg	422541	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	09/24/14	1	0.86	10	ND		ug/Kg	422541	NA
m,p-Xylene	SW8260B	NA	09/24/14	1	1.9	10	ND		ug/Kg	422541	NA
o-Xylene	SW8260B	NA	09/24/14	1	0.66	5.0	ND		ug/Kg	422541	NA
Styrene	SW8260B	NA	09/24/14	1	0.77	10	ND		ug/Kg	422541	NA
Bromoform	SW8260B	NA	09/24/14	1	1.9	10	ND		ug/Kg	422541	NA
Isopropyl Benzene	SW8260B	NA	09/24/14	1	1.2	10	ND		ug/Kg	422541	NA
n-Propylbenzene	SW8260B	NA	09/24/14	1	1.4	10	ND		ug/Kg	422541	NA
Bromobenzene	SW8260B	NA	09/24/14	1	1.2	10	ND		ug/Kg	422541	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	09/24/14	1	3.0	10	ND		ug/Kg	422541	NA
1,3,5-Trimethylbenzene	SW8260B	NA	09/24/14	1	1.1	10	ND		ug/Kg	422541	NA
1,2,3-Trichloropropane	SW8260B	NA	09/24/14	1	3.3	10	ND		ug/Kg	422541	NA
4-Chlorotoluene	SW8260B	NA	09/24/14	1	1.6	10	ND		ug/Kg	422541	NA
2-Chlorotoluene	SW8260B	NA	09/24/14	1	1.6	10	ND		ug/Kg	422541	NA
tert-Butylbenzene	SW8260B	NA	09/24/14	1	1.4	10	ND		ug/Kg	422541	NA
1,2,4-Trimethylbenzene	SW8260B	NA	09/24/14	1	1.1	10	ND		ug/Kg	422541	NA
sec-Butyl Benzene	SW8260B	NA	09/24/14	1	1.6	10	ND		ug/Kg	422541	NA
p-Isopropyltoluene	SW8260B	NA	09/24/14	1	1.5	10	ND		ug/Kg	422541	NA
1,3-Dichlorobenzene	SW8260B	NA	09/24/14	1	1.8	10	ND		ug/Kg	422541	NA
1,4-Dichlorobenzene	SW8260B	NA	09/24/14	1	1.5	10	ND		ug/Kg	422541	NA
n-Butylbenzene	SW8260B	NA	09/24/14	1	2.2	10	ND		ug/Kg	422541	NA
1,2-Dichlorobenzene	SW8260B	NA	09/24/14	1	1.3	10	ND		ug/Kg	422541	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	09/24/14	1	4.2	10	ND		ug/Kg	422541	NA
Hexachlorobutadiene	SW8260B	NA	09/24/14	1	2.6	10	ND		ug/Kg	422541	NA
1,2,4-Trichlorobenzene	SW8260B	NA	09/24/14	1	2.1	10	ND		ug/Kg	422541	NA
Naphthalene	SW8260B	NA	09/24/14	1	2.8	10	ND		ug/Kg	422541	NA
1,2,3-Trichlorobenzene	SW8260B	NA	09/24/14	1	2.9	10	ND		ug/Kg	422541	NA
(S) Dibromofluoromethane	SW8260B	NA	09/24/14	1	59.8	148	120		%	422541	NA
(S) Toluene-d8	SW8260B	NA	09/24/14	1	55.2	133	110		%	422541	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	09/24/14	1	55.8	141	111		%	422541	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S3 @ 11.5-12	**Lab Sample ID:**	1409095-011A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 11:05		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	9/24/14	09/24/14	1	30	100	ND		ug/Kg	422541	12786
(S) 4-Bromofluorobenzene	8260TPH	9/24/14	09/24/14	1	43.9	127	82.9		%	422541	12786

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel (SG)	SW8015B(M)	9/22/14	09/23/14	1	0.66	2.0	ND		mg/Kg	422511	12748
TPH as Motor Oil (SG)	SW8015B(M)	9/22/14	09/23/14	1	1.0	10	ND		mg/Kg	422511	12748
Pentacosane (S)	SW8015B(M)	9/22/14	09/23/14	1	49.9	144	85.9		%	422511	12748

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S3 @ 15-15.5	**Lab Sample ID:**	1409095-012A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 11:15		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	09/24/14	1	4.4	10	ND		ug/Kg	422541	NA
Chloromethane	SW8260B	NA	09/24/14	1	4.6	10	ND		ug/Kg	422541	NA
Vinyl Chloride	SW8260B	NA	09/24/14	1	2.6	10	ND		ug/Kg	422541	NA
Bromomethane	SW8260B	NA	09/24/14	1	4.7	10	ND		ug/Kg	422541	NA
Trichlorofluoromethane	SW8260B	NA	09/24/14	1	2.9	10	ND		ug/Kg	422541	NA
1,1-Dichloroethene	SW8260B	NA	09/24/14	1	1.5	10	ND		ug/Kg	422541	NA
Freon 113	SW8260B	NA	09/24/14	1	3.7	10	ND		ug/Kg	422541	NA
Methylene Chloride	SW8260B	NA	09/24/14	1	2.0	50	ND		ug/Kg	422541	NA
trans-1,2-Dichloroethene	SW8260B	NA	09/24/14	1	1.1	10	ND		ug/Kg	422541	NA
MTBE	SW8260B	NA	09/24/14	1	2.6	10	ND		ug/Kg	422541	NA
tert-Butanol	SW8260B	NA	09/24/14	1	21	50	ND		ug/Kg	422541	NA
Diisopropyl ether (DIPE)	SW8260B	NA	09/24/14	1	2.2	10	ND		ug/Kg	422541	NA
1,1-Dichloroethane	SW8260B	NA	09/24/14	1	1.3	10	ND		ug/Kg	422541	NA
ETBE	SW8260B	NA	09/24/14	1	2.4	10	ND		ug/Kg	422541	NA
cis-1,2-Dichloroethene	SW8260B	NA	09/24/14	1	1.8	10	ND		ug/Kg	422541	NA
2,2-Dichloropropane	SW8260B	NA	09/24/14	1	1.2	10	ND		ug/Kg	422541	NA
Bromochloromethane	SW8260B	NA	09/24/14	1	2.3	10	ND		ug/Kg	422541	NA
Chloroform	SW8260B	NA	09/24/14	1	1.2	10	ND		ug/Kg	422541	NA
Carbon Tetrachloride	SW8260B	NA	09/24/14	1	1.6	10	ND		ug/Kg	422541	NA
1,1,1-Trichloroethane	SW8260B	NA	09/24/14	1	1.2	10	ND		ug/Kg	422541	NA
1,1-Dichloropropene	SW8260B	NA	09/24/14	1	1.4	10	ND		ug/Kg	422541	NA
Benzene	SW8260B	NA	09/24/14	1	1.5	10	ND		ug/Kg	422541	NA
TAME	SW8260B	NA	09/24/14	1	2.1	10	ND		ug/Kg	422541	NA
1,2-Dichloroethane	SW8260B	NA	09/24/14	1	1.9	10	ND		ug/Kg	422541	NA
Trichloroethylene	SW8260B	NA	09/24/14	1	3.9	10	ND		ug/Kg	422541	NA
Dibromomethane	SW8260B	NA	09/24/14	1	2.2	10	ND		ug/Kg	422541	NA
1,2-Dichloropropane	SW8260B	NA	09/24/14	1	1.3	10	ND		ug/Kg	422541	NA
Bromodichloromethane	SW8260B	NA	09/24/14	1	1.1	10	ND		ug/Kg	422541	NA
cis-1,3-Dichloropropene	SW8260B	NA	09/24/14	1	1.4	10	ND		ug/Kg	422541	NA
Toluene	SW8260B	NA	09/24/14	1	0.98	10	ND		ug/Kg	422541	NA
Tetrachloroethylene	SW8260B	NA	09/24/14	1	1.8	10	ND		ug/Kg	422541	NA
trans-1,3-Dichloropropene	SW8260B	NA	09/24/14	1	1.2	10	ND		ug/Kg	422541	NA
1,1,2-Trichloroethane	SW8260B	NA	09/24/14	1	1.8	10	ND		ug/Kg	422541	NA
Dibromochloromethane	SW8260B	NA	09/24/14	1	1.1	10	ND		ug/Kg	422541	NA
1,3-Dichloropropane	SW8260B	NA	09/24/14	1	2.1	10	ND		ug/Kg	422541	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S3 @ 15-15.5	**Lab Sample ID:**	1409095-012A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 11:15		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	09/24/14	1	1.7	10	ND		ug/Kg	422541	NA
Ethyl Benzene	SW8260B	NA	09/24/14	1	0.86	10	ND		ug/Kg	422541	NA
Chlorobenzene	SW8260B	NA	09/24/14	1	4.2	10	ND		ug/Kg	422541	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	09/24/14	1	0.86	10	ND		ug/Kg	422541	NA
m,p-Xylene	SW8260B	NA	09/24/14	1	1.9	10	ND		ug/Kg	422541	NA
o-Xylene	SW8260B	NA	09/24/14	1	0.66	5.0	ND		ug/Kg	422541	NA
Styrene	SW8260B	NA	09/24/14	1	0.77	10	ND		ug/Kg	422541	NA
Bromoform	SW8260B	NA	09/24/14	1	1.9	10	ND		ug/Kg	422541	NA
Isopropyl Benzene	SW8260B	NA	09/24/14	1	1.2	10	ND		ug/Kg	422541	NA
n-Propylbenzene	SW8260B	NA	09/24/14	1	1.4	10	ND		ug/Kg	422541	NA
Bromobenzene	SW8260B	NA	09/24/14	1	1.2	10	ND		ug/Kg	422541	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	09/24/14	1	3.0	10	ND		ug/Kg	422541	NA
1,3,5-Trimethylbenzene	SW8260B	NA	09/24/14	1	1.1	10	ND		ug/Kg	422541	NA
1,2,3-Trichloropropane	SW8260B	NA	09/24/14	1	3.3	10	ND		ug/Kg	422541	NA
4-Chlorotoluene	SW8260B	NA	09/24/14	1	1.6	10	ND		ug/Kg	422541	NA
2-Chlorotoluene	SW8260B	NA	09/24/14	1	1.6	10	ND		ug/Kg	422541	NA
tert-Butylbenzene	SW8260B	NA	09/24/14	1	1.4	10	ND		ug/Kg	422541	NA
1,2,4-Trimethylbenzene	SW8260B	NA	09/24/14	1	1.1	10	ND		ug/Kg	422541	NA
sec-Butyl Benzene	SW8260B	NA	09/24/14	1	1.6	10	ND		ug/Kg	422541	NA
p-Isopropyltoluene	SW8260B	NA	09/24/14	1	1.5	10	ND		ug/Kg	422541	NA
1,3-Dichlorobenzene	SW8260B	NA	09/24/14	1	1.8	10	ND		ug/Kg	422541	NA
1,4-Dichlorobenzene	SW8260B	NA	09/24/14	1	1.5	10	ND		ug/Kg	422541	NA
n-Butylbenzene	SW8260B	NA	09/24/14	1	2.2	10	ND		ug/Kg	422541	NA
1,2-Dichlorobenzene	SW8260B	NA	09/24/14	1	1.3	10	ND		ug/Kg	422541	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	09/24/14	1	4.2	10	ND		ug/Kg	422541	NA
Hexachlorobutadiene	SW8260B	NA	09/24/14	1	2.6	10	ND		ug/Kg	422541	NA
1,2,4-Trichlorobenzene	SW8260B	NA	09/24/14	1	2.1	10	ND		ug/Kg	422541	NA
Naphthalene	SW8260B	NA	09/24/14	1	2.8	10	ND		ug/Kg	422541	NA
1,2,3-Trichlorobenzene	SW8260B	NA	09/24/14	1	2.9	10	ND		ug/Kg	422541	NA
(S) Dibromofluoromethane	SW8260B	NA	09/24/14	1	59.8	148	123		%	422541	NA
(S) Toluene-d8	SW8260B	NA	09/24/14	1	55.2	133	109		%	422541	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	09/24/14	1	55.8	141	113		%	422541	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S3 @ 15-15.5	**Lab Sample ID:**	1409095-012A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 11:15		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	9/24/14	09/24/14	1	30	100	ND		ug/Kg	422541	12786
(S) 4-Bromofluorobenzene	8260TPH	9/24/14	09/24/14	1	43.9	127	87.5		%	422541	12786

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel (SG)	SW8015B(M)	9/22/14	09/23/14	1	0.66	2.0	ND		mg/Kg	422511	12748
TPH as Motor Oil (SG)	SW8015B(M)	9/22/14	09/23/14	1	1.0	10	ND		mg/Kg	422511	12748
Pentacosane (S)	SW8015B(M)	9/22/14	09/23/14	1	49.9	144	99.3		%	422511	12748

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S4 @ 7.5-8	**Lab Sample ID:**	1409095-014A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 11:50		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	NA	09/24/14	100	440	1000	ND		ug/Kg	422541	NA
Chloromethane	SW8260B	NA	09/24/14	100	460	1000	ND		ug/Kg	422541	NA
Vinyl Chloride	SW8260B	NA	09/24/14	100	260	1000	ND		ug/Kg	422541	NA
Bromomethane	SW8260B	NA	09/24/14	100	470	1000	ND		ug/Kg	422541	NA
Trichlorofluoromethane	SW8260B	NA	09/24/14	100	290	1000	ND		ug/Kg	422541	NA
1,1-Dichloroethene	SW8260B	NA	09/24/14	100	150	1000	ND		ug/Kg	422541	NA
Freon 113	SW8260B	NA	09/24/14	100	370	1000	ND		ug/Kg	422541	NA
Methylene Chloride	SW8260B	NA	09/24/14	100	200	5000	ND		ug/Kg	422541	NA
trans-1,2-Dichloroethene	SW8260B	NA	09/24/14	100	110	1000	ND		ug/Kg	422541	NA
MTBE	SW8260B	NA	09/24/14	100	260	1000	ND		ug/Kg	422541	NA
tert-Butanol	SW8260B	NA	09/24/14	100	2100	5000	ND		ug/Kg	422541	NA
Diisopropyl ether (DIPE)	SW8260B	NA	09/24/14	100	220	1000	ND		ug/Kg	422541	NA
1,1-Dichloroethane	SW8260B	NA	09/24/14	100	130	1000	ND		ug/Kg	422541	NA
ETBE	SW8260B	NA	09/24/14	100	240	1000	ND		ug/Kg	422541	NA
cis-1,2-Dichloroethene	SW8260B	NA	09/24/14	100	180	1000	ND		ug/Kg	422541	NA
2,2-Dichloropropane	SW8260B	NA	09/24/14	100	120	1000	ND		ug/Kg	422541	NA
Bromochloromethane	SW8260B	NA	09/24/14	100	230	1000	ND		ug/Kg	422541	NA
Chloroform	SW8260B	NA	09/24/14	100	120	1000	ND		ug/Kg	422541	NA
Carbon Tetrachloride	SW8260B	NA	09/24/14	100	160	1000	ND		ug/Kg	422541	NA
1,1,1-Trichloroethane	SW8260B	NA	09/24/14	100	120	1000	ND		ug/Kg	422541	NA
1,1-Dichloropropene	SW8260B	NA	09/24/14	100	140	1000	ND		ug/Kg	422541	NA
Benzene	SW8260B	NA	09/24/14	100	150	1000	ND		ug/Kg	422541	NA
TAME	SW8260B	NA	09/24/14	100	210	1000	ND		ug/Kg	422541	NA
1,2-Dichloroethane	SW8260B	NA	09/24/14	100	190	1000	ND		ug/Kg	422541	NA
Trichloroethylene	SW8260B	NA	09/24/14	100	390	1000	ND		ug/Kg	422541	NA
Dibromomethane	SW8260B	NA	09/24/14	100	220	1000	ND		ug/Kg	422541	NA
1,2-Dichloropropane	SW8260B	NA	09/24/14	100	130	1000	ND		ug/Kg	422541	NA
Bromodichloromethane	SW8260B	NA	09/24/14	100	110	1000	ND		ug/Kg	422541	NA
cis-1,3-Dichloropropene	SW8260B	NA	09/24/14	100	140	1000	ND		ug/Kg	422541	NA
Toluene	SW8260B	NA	09/24/14	100	98	1000	ND		ug/Kg	422541	NA
Tetrachloroethylene	SW8260B	NA	09/24/14	100	180	1000	ND		ug/Kg	422541	NA
trans-1,3-Dichloropropene	SW8260B	NA	09/24/14	100	120	1000	ND		ug/Kg	422541	NA
1,1,2-Trichloroethane	SW8260B	NA	09/24/14	100	180	1000	ND		ug/Kg	422541	NA
Dibromochloromethane	SW8260B	NA	09/24/14	100	110	1000	ND		ug/Kg	422541	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S4 @ 7.5-8	**Lab Sample ID:**	1409095-014A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 11:50		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
The results shown below are reported using their MDL.											
1,3-Dichloropropane	SW8260B	NA	09/24/14	100	210	1000	ND		ug/Kg	422541	NA
1,2-Dibromoethane	SW8260B	NA	09/24/14	100	170	1000	ND		ug/Kg	422541	NA
Ethyl Benzene	SW8260B	NA	09/24/14	100	86	1000	ND		ug/Kg	422541	NA
Chlorobenzene	SW8260B	NA	09/24/14	100	420	1000	ND		ug/Kg	422541	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	09/24/14	100	86	1000	ND		ug/Kg	422541	NA
m,p-Xylene	SW8260B	NA	09/24/14	100	190	1000	ND		ug/Kg	422541	NA
o-Xylene	SW8260B	NA	09/24/14	100	66	500	ND		ug/Kg	422541	NA
Styrene	SW8260B	NA	09/24/14	100	77	1000	ND		ug/Kg	422541	NA
Bromoform	SW8260B	NA	09/24/14	100	190	1000	ND		ug/Kg	422541	NA
Isopropyl Benzene	SW8260B	NA	09/24/14	100	120	1000	ND		ug/Kg	422541	NA
n-Propylbenzene	SW8260B	NA	09/24/14	100	140	1000	ND		ug/Kg	422541	NA
Bromobenzene	SW8260B	NA	09/24/14	100	120	1000	ND		ug/Kg	422541	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	09/24/14	100	300	1000	ND		ug/Kg	422541	NA
1,3,5-Trimethylbenzene	SW8260B	NA	09/24/14	100	110	1000	ND		ug/Kg	422541	NA
1,2,3-Trichloropropane	SW8260B	NA	09/24/14	100	330	1000	ND		ug/Kg	422541	NA
4-Chlorotoluene	SW8260B	NA	09/24/14	100	160	1000	ND		ug/Kg	422541	NA
2-Chlorotoluene	SW8260B	NA	09/24/14	100	160	1000	ND		ug/Kg	422541	NA
tert-Butylbenzene	SW8260B	NA	09/24/14	100	140	1000	ND		ug/Kg	422541	NA
1,2,4-Trimethylbenzene	SW8260B	NA	09/24/14	100	110	1000	ND		ug/Kg	422541	NA
sec-Butyl Benzene	SW8260B	NA	09/24/14	100	160	1000	ND		ug/Kg	422541	NA
p-Isopropyltoluene	SW8260B	NA	09/24/14	100	150	1000	ND		ug/Kg	422541	NA
1,3-Dichlorobenzene	SW8260B	NA	09/24/14	100	180	1000	ND		ug/Kg	422541	NA
1,4-Dichlorobenzene	SW8260B	NA	09/24/14	100	150	1000	ND		ug/Kg	422541	NA
n-Butylbenzene	SW8260B	NA	09/24/14	100	220	1000	ND		ug/Kg	422541	NA
1,2-Dichlorobenzene	SW8260B	NA	09/24/14	100	130	1000	ND		ug/Kg	422541	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	09/24/14	100	420	1000	ND		ug/Kg	422541	NA
Hexachlorobutadiene	SW8260B	NA	09/24/14	100	260	1000	ND		ug/Kg	422541	NA
1,2,4-Trichlorobenzene	SW8260B	NA	09/24/14	100	210	1000	ND		ug/Kg	422541	NA
Naphthalene	SW8260B	NA	09/24/14	100	280	1000	ND		ug/Kg	422541	NA
1,2,3-Trichlorobenzene	SW8260B	NA	09/24/14	100	290	1000	ND		ug/Kg	422541	NA
(S) Dibromofluoromethane	SW8260B	NA	09/24/14	100	59.8	148	108		%	422541	NA
(S) Toluene-d8	SW8260B	NA	09/24/14	100	55.2	133	119		%	422541	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	09/24/14	100	55.8	141	107		%	422541	NA

NOTE: The reporting limits were raised due to the high concentration of non-target heavy end compounds.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S4 @ 7.5-8	**Lab Sample ID:**	1409095-014A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 11:50		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	9/24/14	09/24/14	100	3000	10000	24000	x	ug/Kg	422541	12786
(S) 4-Bromofluorobenzene	8260TPH	9/24/14	09/24/14	100	43.9	127	91.2		%	422541	12786

NOTE: x - Does not match pattern of reference Gasoline standard. Best match with pattern of mineral spirits.

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel (SG)	SW8015B(M)	9/22/14	09/25/14	1	0.66	2.0	36	x	mg/Kg	422544	12748
TPH as Motor Oil (SG)	SW8015B(M)	9/22/14	09/25/14	1	1.0	10	12		mg/Kg	422544	12748
Pentacosane (S)	SW8015B(M)	9/22/14	09/25/14	1	49.9	144	55.9		%	422544	12748

NOTE: x- Chromatographic pattern does not resemble typical diesel reference standard; unknown organics within diesel range quantified as diesel.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S4 @ 11.5-12	**Lab Sample ID:**	1409095-015A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 11:55		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	09/24/14	1	4.4	10	ND		ug/Kg	422541	NA
Chloromethane	SW8260B	NA	09/24/14	1	4.6	10	ND		ug/Kg	422541	NA
Vinyl Chloride	SW8260B	NA	09/24/14	1	2.6	10	ND		ug/Kg	422541	NA
Bromomethane	SW8260B	NA	09/24/14	1	4.7	10	ND		ug/Kg	422541	NA
Trichlorofluoromethane	SW8260B	NA	09/24/14	1	2.9	10	ND		ug/Kg	422541	NA
1,1-Dichloroethene	SW8260B	NA	09/24/14	1	1.5	10	ND		ug/Kg	422541	NA
Freon 113	SW8260B	NA	09/24/14	1	3.7	10	ND		ug/Kg	422541	NA
Methylene Chloride	SW8260B	NA	09/24/14	1	2.0	50	ND		ug/Kg	422541	NA
trans-1,2-Dichloroethene	SW8260B	NA	09/24/14	1	1.1	10	ND		ug/Kg	422541	NA
MTBE	SW8260B	NA	09/24/14	1	2.6	10	ND		ug/Kg	422541	NA
tert-Butanol	SW8260B	NA	09/24/14	1	21	50	ND		ug/Kg	422541	NA
Diisopropyl ether (DIPE)	SW8260B	NA	09/24/14	1	2.2	10	ND		ug/Kg	422541	NA
1,1-Dichloroethane	SW8260B	NA	09/24/14	1	1.3	10	ND		ug/Kg	422541	NA
ETBE	SW8260B	NA	09/24/14	1	2.4	10	ND		ug/Kg	422541	NA
cis-1,2-Dichloroethene	SW8260B	NA	09/24/14	1	1.8	10	ND		ug/Kg	422541	NA
2,2-Dichloropropane	SW8260B	NA	09/24/14	1	1.2	10	ND		ug/Kg	422541	NA
Bromochloromethane	SW8260B	NA	09/24/14	1	2.3	10	ND		ug/Kg	422541	NA
Chloroform	SW8260B	NA	09/24/14	1	1.2	10	ND		ug/Kg	422541	NA
Carbon Tetrachloride	SW8260B	NA	09/24/14	1	1.6	10	ND		ug/Kg	422541	NA
1,1,1-Trichloroethane	SW8260B	NA	09/24/14	1	1.2	10	ND		ug/Kg	422541	NA
1,1-Dichloropropene	SW8260B	NA	09/24/14	1	1.4	10	ND		ug/Kg	422541	NA
Benzene	SW8260B	NA	09/24/14	1	1.5	10	ND		ug/Kg	422541	NA
TAME	SW8260B	NA	09/24/14	1	2.1	10	ND		ug/Kg	422541	NA
1,2-Dichloroethane	SW8260B	NA	09/24/14	1	1.9	10	ND		ug/Kg	422541	NA
Trichloroethylene	SW8260B	NA	09/24/14	1	3.9	10	ND		ug/Kg	422541	NA
Dibromomethane	SW8260B	NA	09/24/14	1	2.2	10	ND		ug/Kg	422541	NA
1,2-Dichloropropane	SW8260B	NA	09/24/14	1	1.3	10	ND		ug/Kg	422541	NA
Bromodichloromethane	SW8260B	NA	09/24/14	1	1.1	10	ND		ug/Kg	422541	NA
cis-1,3-Dichloropropene	SW8260B	NA	09/24/14	1	1.4	10	ND		ug/Kg	422541	NA
Toluene	SW8260B	NA	09/24/14	1	0.98	10	ND		ug/Kg	422541	NA
Tetrachloroethylene	SW8260B	NA	09/24/14	1	1.8	10	ND		ug/Kg	422541	NA
trans-1,3-Dichloropropene	SW8260B	NA	09/24/14	1	1.2	10	ND		ug/Kg	422541	NA
1,1,2-Trichloroethane	SW8260B	NA	09/24/14	1	1.8	10	ND		ug/Kg	422541	NA
Dibromochloromethane	SW8260B	NA	09/24/14	1	1.1	10	ND		ug/Kg	422541	NA
1,3-Dichloropropane	SW8260B	NA	09/24/14	1	2.1	10	ND		ug/Kg	422541	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S4 @ 11.5-12	**Lab Sample ID:**	1409095-015A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 11:55		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	09/24/14	1	1.7	10	ND		ug/Kg	422541	NA
Ethyl Benzene	SW8260B	NA	09/24/14	1	0.86	10	ND		ug/Kg	422541	NA
Chlorobenzene	SW8260B	NA	09/24/14	1	4.2	10	ND		ug/Kg	422541	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	09/24/14	1	0.86	10	ND		ug/Kg	422541	NA
m,p-Xylene	SW8260B	NA	09/24/14	1	1.9	10	ND		ug/Kg	422541	NA
o-Xylene	SW8260B	NA	09/24/14	1	0.66	5.0	ND		ug/Kg	422541	NA
Styrene	SW8260B	NA	09/24/14	1	0.77	10	ND		ug/Kg	422541	NA
Bromoform	SW8260B	NA	09/24/14	1	1.9	10	ND		ug/Kg	422541	NA
Isopropyl Benzene	SW8260B	NA	09/24/14	1	1.2	10	ND		ug/Kg	422541	NA
n-Propylbenzene	SW8260B	NA	09/24/14	1	1.4	10	ND		ug/Kg	422541	NA
Bromobenzene	SW8260B	NA	09/24/14	1	1.2	10	ND		ug/Kg	422541	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	09/24/14	1	3.0	10	ND		ug/Kg	422541	NA
1,3,5-Trimethylbenzene	SW8260B	NA	09/24/14	1	1.1	10	ND		ug/Kg	422541	NA
1,2,3-Trichloropropane	SW8260B	NA	09/24/14	1	3.3	10	ND		ug/Kg	422541	NA
4-Chlorotoluene	SW8260B	NA	09/24/14	1	1.6	10	ND		ug/Kg	422541	NA
2-Chlorotoluene	SW8260B	NA	09/24/14	1	1.6	10	ND		ug/Kg	422541	NA
tert-Butylbenzene	SW8260B	NA	09/24/14	1	1.4	10	ND		ug/Kg	422541	NA
1,2,4-Trimethylbenzene	SW8260B	NA	09/24/14	1	1.1	10	ND		ug/Kg	422541	NA
sec-Butyl Benzene	SW8260B	NA	09/24/14	1	1.6	10	ND		ug/Kg	422541	NA
p-Isopropyltoluene	SW8260B	NA	09/24/14	1	1.5	10	ND		ug/Kg	422541	NA
1,3-Dichlorobenzene	SW8260B	NA	09/24/14	1	1.8	10	ND		ug/Kg	422541	NA
1,4-Dichlorobenzene	SW8260B	NA	09/24/14	1	1.5	10	ND		ug/Kg	422541	NA
n-Butylbenzene	SW8260B	NA	09/24/14	1	2.2	10	ND		ug/Kg	422541	NA
1,2-Dichlorobenzene	SW8260B	NA	09/24/14	1	1.3	10	ND		ug/Kg	422541	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	09/24/14	1	4.2	10	ND		ug/Kg	422541	NA
Hexachlorobutadiene	SW8260B	NA	09/24/14	1	2.6	10	ND		ug/Kg	422541	NA
1,2,4-Trichlorobenzene	SW8260B	NA	09/24/14	1	2.1	10	ND		ug/Kg	422541	NA
Naphthalene	SW8260B	NA	09/24/14	1	2.8	10	ND		ug/Kg	422541	NA
1,2,3-Trichlorobenzene	SW8260B	NA	09/24/14	1	2.9	10	ND		ug/Kg	422541	NA
(S) Dibromofluoromethane	SW8260B	NA	09/24/14	1	59.8	148	121		%	422541	NA
(S) Toluene-d8	SW8260B	NA	09/24/14	1	55.2	133	111		%	422541	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	09/24/14	1	55.8	141	105		%	422541	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S4 @ 11.5-12	**Lab Sample ID:**	1409095-015A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 11:55		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	9/24/14	09/24/14	1	30	100	ND		ug/Kg	422541	12786
(S) 4-Bromofluorobenzene	8260TPH	9/24/14	09/24/14	1	43.9	127	82.7		%	422541	12786

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel (SG)	SW8015B(M)	9/22/14	09/23/14	1	0.66	2.0	ND		mg/Kg	422511	12748
TPH as Motor Oil (SG)	SW8015B(M)	9/22/14	09/23/14	1	1.0	10	ND		mg/Kg	422511	12748
Pentacosane (S)	SW8015B(M)	9/22/14	09/23/14	1	49.9	144	111		%	422511	12748

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S4 @ 15-15.5	**Lab Sample ID:**	1409095-016A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 12:00		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Dichlorodifluoromethane	SW8260B	NA	09/23/14	1	4.4	10	ND		ug/Kg	422508	NA
Chloromethane	SW8260B	NA	09/23/14	1	4.6	10	ND		ug/Kg	422508	NA
Vinyl Chloride	SW8260B	NA	09/23/14	1	2.6	10	ND		ug/Kg	422508	NA
Bromomethane	SW8260B	NA	09/23/14	1	4.7	10	ND		ug/Kg	422508	NA
Trichlorofluoromethane	SW8260B	NA	09/23/14	1	2.9	10	ND		ug/Kg	422508	NA
1,1-Dichloroethene	SW8260B	NA	09/23/14	1	1.5	10	ND		ug/Kg	422508	NA
Freon 113	SW8260B	NA	09/23/14	1	3.7	10	ND		ug/Kg	422508	NA
Methylene Chloride	SW8260B	NA	09/23/14	1	2.0	50	ND		ug/Kg	422508	NA
trans-1,2-Dichloroethene	SW8260B	NA	09/23/14	1	1.1	10	ND		ug/Kg	422508	NA
MTBE	SW8260B	NA	09/23/14	1	2.6	10	ND		ug/Kg	422508	NA
tert-Butanol	SW8260B	NA	09/23/14	1	21	50	ND		ug/Kg	422508	NA
Diisopropyl ether (DIPE)	SW8260B	NA	09/23/14	1	2.2	10	ND		ug/Kg	422508	NA
1,1-Dichloroethane	SW8260B	NA	09/23/14	1	1.3	10	ND		ug/Kg	422508	NA
ETBE	SW8260B	NA	09/23/14	1	2.4	10	ND		ug/Kg	422508	NA
cis-1,2-Dichloroethene	SW8260B	NA	09/23/14	1	1.8	10	ND		ug/Kg	422508	NA
2,2-Dichloropropane	SW8260B	NA	09/23/14	1	1.2	10	ND		ug/Kg	422508	NA
Bromochloromethane	SW8260B	NA	09/23/14	1	2.3	10	ND		ug/Kg	422508	NA
Chloroform	SW8260B	NA	09/23/14	1	1.2	10	ND		ug/Kg	422508	NA
Carbon Tetrachloride	SW8260B	NA	09/23/14	1	1.6	10	ND		ug/Kg	422508	NA
1,1,1-Trichloroethane	SW8260B	NA	09/23/14	1	1.2	10	ND		ug/Kg	422508	NA
1,1-Dichloropropene	SW8260B	NA	09/23/14	1	1.4	10	ND		ug/Kg	422508	NA
Benzene	SW8260B	NA	09/23/14	1	1.5	10	ND		ug/Kg	422508	NA
TAME	SW8260B	NA	09/23/14	1	2.1	10	ND		ug/Kg	422508	NA
1,2-Dichloroethane	SW8260B	NA	09/23/14	1	1.9	10	ND		ug/Kg	422508	NA
Trichloroethylene	SW8260B	NA	09/23/14	1	3.9	10	ND		ug/Kg	422508	NA
Dibromomethane	SW8260B	NA	09/23/14	1	2.2	10	ND		ug/Kg	422508	NA
1,2-Dichloropropane	SW8260B	NA	09/23/14	1	1.3	10	ND		ug/Kg	422508	NA
Bromodichloromethane	SW8260B	NA	09/23/14	1	1.1	10	ND		ug/Kg	422508	NA
cis-1,3-Dichloropropene	SW8260B	NA	09/23/14	1	1.4	10	ND		ug/Kg	422508	NA
Toluene	SW8260B	NA	09/23/14	1	0.98	10	ND		ug/Kg	422508	NA
Tetrachloroethylene	SW8260B	NA	09/23/14	1	1.8	10	ND		ug/Kg	422508	NA
trans-1,3-Dichloropropene	SW8260B	NA	09/23/14	1	1.2	10	ND		ug/Kg	422508	NA
1,1,2-Trichloroethane	SW8260B	NA	09/23/14	1	1.8	10	ND		ug/Kg	422508	NA
Dibromochloromethane	SW8260B	NA	09/23/14	1	1.1	10	ND		ug/Kg	422508	NA
1,3-Dichloropropane	SW8260B	NA	09/23/14	1	2.1	10	ND		ug/Kg	422508	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S4 @ 15-15.5	**Lab Sample ID:**	1409095-016A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 12:00		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,2-Dibromoethane	SW8260B	NA	09/23/14	1	1.7	10	ND		ug/Kg	422508	NA
Ethyl Benzene	SW8260B	NA	09/23/14	1	0.86	10	ND		ug/Kg	422508	NA
Chlorobenzene	SW8260B	NA	09/23/14	1	4.2	10	ND		ug/Kg	422508	NA
1,1,1,2-Tetrachloroethane	SW8260B	NA	09/23/14	1	0.86	10	ND		ug/Kg	422508	NA
m,p-Xylene	SW8260B	NA	09/23/14	1	1.9	10	ND		ug/Kg	422508	NA
o-Xylene	SW8260B	NA	09/23/14	1	0.66	5.0	ND		ug/Kg	422508	NA
Styrene	SW8260B	NA	09/23/14	1	0.77	10	ND		ug/Kg	422508	NA
Bromoform	SW8260B	NA	09/23/14	1	1.9	10	ND		ug/Kg	422508	NA
Isopropyl Benzene	SW8260B	NA	09/23/14	1	1.2	10	ND		ug/Kg	422508	NA
n-Propylbenzene	SW8260B	NA	09/23/14	1	1.4	10	ND		ug/Kg	422508	NA
Bromobenzene	SW8260B	NA	09/23/14	1	1.2	10	ND		ug/Kg	422508	NA
1,1,2,2-Tetrachloroethane	SW8260B	NA	09/23/14	1	3.0	10	ND		ug/Kg	422508	NA
1,3,5-Trimethylbenzene	SW8260B	NA	09/23/14	1	1.1	10	ND		ug/Kg	422508	NA
1,2,3-Trichloropropane	SW8260B	NA	09/23/14	1	3.3	10	ND		ug/Kg	422508	NA
4-Chlorotoluene	SW8260B	NA	09/23/14	1	1.6	10	ND		ug/Kg	422508	NA
2-Chlorotoluene	SW8260B	NA	09/23/14	1	1.6	10	ND		ug/Kg	422508	NA
tert-Butylbenzene	SW8260B	NA	09/23/14	1	1.4	10	ND		ug/Kg	422508	NA
1,2,4-Trimethylbenzene	SW8260B	NA	09/23/14	1	1.1	10	ND		ug/Kg	422508	NA
sec-Butyl Benzene	SW8260B	NA	09/23/14	1	1.6	10	ND		ug/Kg	422508	NA
p-Isopropyltoluene	SW8260B	NA	09/23/14	1	1.5	10	ND		ug/Kg	422508	NA
1,3-Dichlorobenzene	SW8260B	NA	09/23/14	1	1.8	10	ND		ug/Kg	422508	NA
1,4-Dichlorobenzene	SW8260B	NA	09/23/14	1	1.5	10	ND		ug/Kg	422508	NA
n-Butylbenzene	SW8260B	NA	09/23/14	1	2.2	10	ND		ug/Kg	422508	NA
1,2-Dichlorobenzene	SW8260B	NA	09/23/14	1	1.3	10	ND		ug/Kg	422508	NA
1,2-Dibromo-3-Chloropropane	SW8260B	NA	09/23/14	1	4.2	10	ND		ug/Kg	422508	NA
Hexachlorobutadiene	SW8260B	NA	09/23/14	1	2.6	10	ND		ug/Kg	422508	NA
1,2,4-Trichlorobenzene	SW8260B	NA	09/23/14	1	2.1	10	ND		ug/Kg	422508	NA
Naphthalene	SW8260B	NA	09/23/14	1	2.8	10	ND		ug/Kg	422508	NA
1,2,3-Trichlorobenzene	SW8260B	NA	09/23/14	1	2.9	10	ND		ug/Kg	422508	NA
(S) Dibromofluoromethane	SW8260B	NA	09/23/14	1	59.8	148	121		%	422508	NA
(S) Toluene-d8	SW8260B	NA	09/23/14	1	55.2	133	110		%	422508	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	09/23/14	1	55.8	141	108		%	422508	NA

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: Shawn Munger
Engeo (San Ramon)

Date Received: 09/22/14
Date Reported: 09/25/14

Client Sample ID:	S4 @ 15-15.5	**Lab Sample ID:**	1409095-016A
Project Name/Location:	1017 Rollins Rd	**Sample Matrix:**	Soil
Project Number:	10391.000.000		
Date/Time Sampled:	09/22/14 / 12:00		
Tag Number:	1017 Rollins Rd		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	9/23/14	09/23/14	1	30	100	ND		ug/Kg	422508	12766
(S) 4-Bromofluorobenzene	8260TPH	9/23/14	09/23/14	1	43.9	127	84.5		%	422508	12766

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel (SG)	SW8015B(M)	9/22/14	09/23/14	1	0.66	2.0	ND		mg/Kg	422511	12748
TPH as Motor Oil (SG)	SW8015B(M)	9/22/14	09/23/14	1	1.0	10	ND		mg/Kg	422511	12748
Pentacosane (S)	SW8015B(M)	9/22/14	09/23/14	1	49.9	144	93.9		%	422511	12748

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1409095	**Prep Method:**	3546_TPHSG	**Prep Date:**	09/22/14	**Prep Batch:**	12748
Matrix:	Soil	**Analytical Method:**	SW8015B	**Analyzed Date:**	09/22/14	**Analytical Batch:**	422494
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel (SG)	0.661	2.0	ND	
TPH as Hydraulic Oil (SG)	1.02	10	ND	
TPH as Motor Oil (SG)	1.0	10	1.5	
Pentacosane (S)			86.9	

Work Order:	1409095	**Prep Method:**	3546_TPHSG	**Prep Date:**	09/23/14	**Prep Batch:**	12759
Matrix:	Soil	**Analytical Method:**	SW8015B(M)	**Analyzed Date:**	09/23/14	**Analytical Batch:**	422511
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel (SG)	0.66	2.0	ND	
TPH as Motor Oil (SG)	1.0	10	2.6	
Pentacosane (S)			89.3	

Work Order:	1409095	**Prep Method:**	5035	**Prep Date:**	09/23/14	**Prep Batch:**	12766
Matrix:	Soil	**Analytical Method:**	8260TPH	**Analyzed Date:**	09/23/14	**Analytical Batch:**	422508
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	30	100	69	
(S) 4-Bromofluorobenzene			86.8	

Work Order:	1409095	**Prep Method:**	5035	**Prep Date:**	09/23/14	**Prep Batch:**	12766
Matrix:	Soil	**Analytical Method:**	8260TPH	**Analyzed Date:**	09/23/14	**Analytical Batch:**	422508
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	3000	10000	ND	
(S) 4-Bromofluorobenzene			89.8	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1409095	**Prep Method:**	5035	**Prep Date:**	09/24/14	**Prep Batch:**	12786
Matrix:	Soil	**Analytical Method:**	8260TPH	**Analyzed Date:**	09/24/14	**Analytical Batch:**	422541
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	30	100	80	
(S) 4-Bromofluorobenzene			91.3	

Work Order:	1409095	**Prep Method:**	5035	**Prep Date:**	09/24/14	**Prep Batch:**	12786
Matrix:	Soil	**Analytical Method:**	8260TPH	**Analyzed Date:**	09/24/14	**Analytical Batch:**	422541
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	3000	10000	ND	
(S) 4-Bromofluorobenzene			104	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1409095	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	09/23/14	**Analytical Batch:**	422508
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	4.4	10	ND	
Chloromethane	4.6	10	ND	
Vinyl Chloride	2.6	10	ND	
Bromomethane	4.7	10	ND	
Trichlorofluoromethane	2.9	10	ND	
1,1-Dichloroethene	1.5	10	ND	
Freon 113	3.7	10	ND	
Methylene Chloride	2.0	50	ND	
trans-1,2-Dichloroethene	1.1	10	ND	
MTBE	2.6	10	ND	
tert-Butanol	21	50	ND	
Diisopropyl ether (DIPE)	2.2	10	ND	
1,1-Dichloroethane	1.3	10	ND	
ETBE	2.4	10	ND	
cis-1,2-Dichloroethene	1.8	10	ND	
2,2-Dichloropropane	1.2	10	ND	
Bromochloromethane	2.3	10	ND	
Chloroform	1.2	10	ND	
Carbon Tetrachloride	1.6	10	ND	
1,1,1-Trichloroethane	1.2	10	ND	
1,1-Dichloropropene	1.4	10	ND	
Benzene	1.5	10	ND	
TAME	2.1	10	ND	
1,2-Dichloroethane	1.9	10	ND	
Trichloroethylene	3.9	10	ND	
Dibromomethane	2.2	10	ND	
1,2-Dichloropropane	1.3	10	ND	
Bromodichloromethane	1.1	10	ND	
cis-1,3-Dichloropropene	1.4	10	ND	
Toluene	0.98	10	ND	
Tetrachloroethylene	1.8	10	ND	
trans-1,3-Dichloropropene	1.2	10	ND	
1,1,2-Trichloroethane	1.8	10	ND	
Dibromochloromethane	1.1	10	ND	
1,3-Dichloropropane	2.1	10	ND	
1,2-Dibromoethane	1.7	10	ND	
Ethyl Benzene	0.86	10	ND	
Chlorobenzene	4.2	10	ND	
1,1,1,2-Tetrachloroethane	0.86	10	ND	
m,p-Xylene	1.9	10	ND	
o-Xylene	0.66	5.0	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1409095	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	09/23/14	**Analytical Batch:**	422508
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Styrene	0.77	10	ND		
Bromoform	1.9	10	ND		
Isopropyl Benzene	1.2	10	ND		
n-Propylbenzene	1.4	10	ND		
Bromobenzene	1.2	10	ND		
1,1,2,2-Tetrachloroethane	3.0	10	ND		
1,3,5-Trimethylbenzene	1.1	10	ND		
1,2,3-Trichloropropane	3.3	10	ND		
4-Chlorotoluene	1.6	10	ND		
2-Chlorotoluene	1.6	10	ND		
tert-Butylbenzene	1.4	10	ND		
1,2,4-Trimethylbenzene	1.1	10	ND		
sec-Butyl Benzene	1.6	10	ND		
p-Isopropyltoluene	1.5	10	ND		
1,3-Dichlorobenzene	1.8	10	ND		
1,4-Dichlorobenzene	1.5	10	ND		
n-Butylbenzene	2.2	10	ND		
1,2-Dichlorobenzene	1.3	10	ND		
1,2-Dibromo-3-Chloropropane	4.2	10	ND		
Hexachlorobutadiene	2.6	10	ND		
1,2,4-Trichlorobenzene	2.1	10	ND		
Naphthalene	2.8	10	ND		
1,2,3-Trichlorobenzene	2.9	10	ND		
Ethanol	5.0	20	ND	TIC	
(S) Dibromofluoromethane			113		
(S) Toluene-d8			116		
(S) 4-Bromofluorobenzene			105		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1409095	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	09/23/14	**Analytical Batch:**	422508
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	440	1000	ND	
Chloromethane	460	1000	ND	
Vinyl Chloride	260	1000	ND	
Bromomethane	470	1000	ND	
Trichlorofluoromethane	290	1000	ND	
1,1-Dichloroethene	150	1000	ND	
Freon 113	370	1000	ND	
Methylene Chloride	200	5000	ND	
trans-1,2-Dichloroethene	110	1000	ND	
MTBE	260	1000	ND	
tert-Butanol	2100	5000	ND	
Diisopropyl ether (DIPE)	220	1000	ND	
1,1-Dichloroethane	130	1000	ND	
ETBE	240	1000	ND	
cis-1,2-Dichloroethene	180	1000	ND	
2,2-Dichloropropane	120	1000	ND	
Bromochloromethane	230	1000	ND	
Chloroform	120	1000	ND	
Carbon Tetrachloride	160	1000	ND	
1,1,1-Trichloroethane	120	1000	ND	
1,1-Dichloropropene	140	1000	ND	
Benzene	150	1000	ND	
TAME	210	1000	ND	
1,2-Dichloroethane	190	1000	ND	
Trichloroethylene	390	1000	ND	
Dibromomethane	220	1000	ND	
1,2-Dichloropropane	130	1000	ND	
Bromodichloromethane	110	1000	ND	
cis-1,3-Dichloropropene	140	1000	ND	
Toluene	98	1000	ND	
Tetrachloroethylene	180	1000	ND	
trans-1,3-Dichloropropene	120	1000	ND	
1,1,2-Trichloroethane	180	1000	ND	
Dibromochloromethane	110	1000	ND	
1,3-Dichloropropane	210	1000	ND	
1,2-Dibromoethane	170	1000	ND	
Ethyl Benzene	86	1000	ND	
Chlorobenzene	420	1000	ND	
1,1,1,2-Tetrachloroethane	86	1000	ND	
m,p-Xylene	190	1000	ND	
o-Xylene	66	500	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1409095	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	09/23/14	**Analytical Batch:**	422508
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Styrene	77	1000	ND		
Bromoform	190	1000	ND		
Isopropyl Benzene	120	1000	ND		
n-Propylbenzene	140	1000	ND		
Bromobenzene	120	1000	ND		
1,1,2,2-Tetrachloroethane	300	1000	ND		
1,3,5-Trimethylbenzene	110	1000	ND		
1,2,3-Trichloropropane	330	1000	ND		
4-Chlorotoluene	160	1000	ND		
2-Chlorotoluene	160	1000	ND		
tert-Butylbenzene	140	1000	ND		
1,2,4-Trimethylbenzene	110	1000	ND		
sec-Butyl Benzene	160	1000	ND		
p-Isopropyltoluene	150	1000	ND		
1,3-Dichlorobenzene	180	1000	ND		
1,4-Dichlorobenzene	150	1000	ND		
n-Butylbenzene	220	1000	ND		
1,2-Dichlorobenzene	130	1000	ND		
1,2-Dibromo-3-Chloropropane	420	1000	ND		
Hexachlorobutadiene	260	1000	ND		
1,2,4-Trichlorobenzene	210	1000	ND		
Naphthalene	280	1000	ND		
1,2,3-Trichlorobenzene	290	1000	ND		
Ethanol	500	2000	ND	TIC	
(S) Dibromofluoromethane			110		
(S) Toluene-d8			123		
(S) 4-Bromofluorobenzene			109		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1409095	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	09/24/14	**Analytical Batch:**	422541
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Dichlorodifluoromethane	4.4	10	ND		
Chloromethane	4.6	10	ND		
Vinyl Chloride	2.6	10	ND		
Bromomethane	4.7	10	ND		
Trichlorofluoromethane	2.9	10	ND		
1,1-Dichloroethene	1.5	10	ND		
Freon 113	3.7	10	ND		
Methylene Chloride	2.0	50	ND		
trans-1,2-Dichloroethene	1.1	10	ND		
MTBE	2.6	10	ND		
tert-Butanol	21	50	ND		
Diisopropyl ether (DIPE)	2.2	10	ND		
1,1-Dichloroethane	1.3	10	ND		
ETBE	2.4	10	ND		
cis-1,2-Dichloroethene	1.8	10	ND		
2,2-Dichloropropane	1.2	10	ND		
Bromochloromethane	2.3	10	ND		
Chloroform	1.2	10	ND		
Carbon Tetrachloride	1.6	10	ND		
1,1,1-Trichloroethane	1.2	10	ND		
1,1-Dichloropropene	1.4	10	ND		
Benzene	1.5	10	ND		
TAME	2.1	10	ND		
1,2-Dichloroethane	1.9	10	ND		
Trichloroethylene	3.9	10	ND		
Dibromomethane	2.2	10	ND		
1,2-Dichloropropane	1.3	10	ND		
Bromodichloromethane	1.1	10	ND		
cis-1,3-Dichloropropene	1.4	10	ND		
Toluene	0.98	10	ND		
Tetrachloroethylene	1.8	10	ND		
trans-1,3-Dichloropropene	1.2	10	ND		
1,1,2-Trichloroethane	1.8	10	ND		
Dibromochloromethane	1.1	10	ND		
1,3-Dichloropropane	2.1	10	ND		
1,2-Dibromoethane	1.7	10	ND		
Ethyl Benzene	0.86	10	ND		
Chlorobenzene	4.2	10	ND		
1,1,1,2-Tetrachloroethane	0.86	10	ND		
m,p-Xylene	1.9	10	ND		
o-Xylene	0.66	5.0	ND		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1409095	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	09/24/14	**Analytical Batch:**	422541
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Styrene	0.77	10	1.3		
Bromoform	1.9	10	ND		
Isopropyl Benzene	1.2	10	ND		
n-Propylbenzene	1.4	10	ND		
Bromobenzene	1.2	10	ND		
1,1,2,2-Tetrachloroethane	3.0	10	ND		
1,3,5-Trimethylbenzene	1.1	10	ND		
1,2,3-Trichloropropane	3.3	10	ND		
4-Chlorotoluene	1.6	10	ND		
2-Chlorotoluene	1.6	10	ND		
tert-Butylbenzene	1.4	10	ND		
1,2,4-Trimethylbenzene	1.1	10	ND		
sec-Butyl Benzene	1.6	10	ND		
p-Isopropyltoluene	1.5	10	ND		
1,3-Dichlorobenzene	1.8	10	ND		
1,4-Dichlorobenzene	1.5	10	ND		
n-Butylbenzene	2.2	10	ND		
1,2-Dichlorobenzene	1.3	10	ND		
1,2-Dibromo-3-Chloropropane	4.2	10	ND		
Hexachlorobutadiene	2.6	10	ND		
1,2,4-Trichlorobenzene	2.1	10	ND		
Naphthalene	2.8	10	ND		
1,2,3-Trichlorobenzene	2.9	10	ND		
Ethanol	5.0	20	ND	TIC	
(S) Dibromofluoromethane			115		
(S) Toluene-d8			108		
(S) 4-Bromofluorobenzene			101		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1409095	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	09/24/14	**Analytical Batch:**	422541
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	440	1000	ND	
Chloromethane	460	1000	ND	
Vinyl Chloride	260	1000	ND	
Bromomethane	470	1000	ND	
Trichlorofluoromethane	290	1000	ND	
1,1-Dichloroethene	150	1000	ND	
Freon 113	370	1000	ND	
Methylene Chloride	200	5000	ND	
trans-1,2-Dichloroethene	110	1000	ND	
MTBE	260	1000	ND	
tert-Butanol	2100	5000	ND	
Diisopropyl ether (DIPE)	220	1000	ND	
1,1-Dichloroethane	130	1000	ND	
ETBE	240	1000	ND	
cis-1,2-Dichloroethene	180	1000	ND	
2,2-Dichloropropane	120	1000	ND	
Bromochloromethane	230	1000	ND	
Chloroform	120	1000	ND	
Carbon Tetrachloride	160	1000	ND	
1,1,1-Trichloroethane	120	1000	ND	
1,1-Dichloropropene	140	1000	ND	
Benzene	150	1000	ND	
TAME	210	1000	ND	
1,2-Dichloroethane	190	1000	ND	
Trichloroethylene	390	1000	ND	
Dibromomethane	220	1000	ND	
1,2-Dichloropropane	130	1000	ND	
Bromodichloromethane	110	1000	ND	
cis-1,3-Dichloropropene	140	1000	ND	
Toluene	98	1000	ND	
Tetrachloroethylene	180	1000	ND	
trans-1,3-Dichloropropene	120	1000	ND	
1,1,2-Trichloroethane	180	1000	ND	
Dibromochloromethane	110	1000	ND	
1,3-Dichloropropane	210	1000	ND	
1,2-Dibromoethane	170	1000	ND	
Ethyl Benzene	86	1000	ND	
Chlorobenzene	420	1000	ND	
1,1,1,2-Tetrachloroethane	86	1000	ND	
m,p-Xylene	190	1000	ND	
o-Xylene	66	500	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1409095	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	09/24/14	**Analytical Batch:**	422541
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Styrene	77	1000	ND	
Bromoform	190	1000	ND	
Isopropyl Benzene	120	1000	ND	
n-Propylbenzene	140	1000	ND	
Bromobenzene	120	1000	ND	
1,1,2,2-Tetrachloroethane	300	1000	ND	
1,3,5-Trimethylbenzene	110	1000	ND	
1,2,3-Trichloropropane	330	1000	ND	
4-Chlorotoluene	160	1000	ND	
2-Chlorotoluene	160	1000	ND	
tert-Butylbenzene	140	1000	ND	
1,2,4-Trimethylbenzene	110	1000	ND	
sec-Butyl Benzene	160	1000	ND	
p-Isopropyltoluene	150	1000	ND	
1,3-Dichlorobenzene	180	1000	ND	
1,4-Dichlorobenzene	150	1000	ND	
n-Butylbenzene	220	1000	ND	
1,2-Dichlorobenzene	130	1000	ND	
1,2-Dibromo-3-Chloropropane	420	1000	ND	
Hexachlorobutadiene	260	1000	ND	
1,2,4-Trichlorobenzene	210	1000	ND	
Naphthalene	280	1000	ND	
1,2,3-Trichlorobenzene	290	1000	ND	
Ethanol	500	2000	ND	TIC
(S) Dibromofluoromethane			116	
(S) Toluene-d8			112	
(S) 4-Bromofluorobenzene			111	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1409095	**Prep Method:**	3546_TPHSG	**Prep Date:**	09/22/14	**Prep Batch:**	12748
Matrix:	Soil	**Analytical Method:**	SW8015B	**Analyzed Date:**	09/22/14	**Analytical Batch:**	422494
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel (SG)	0.66	2.0	ND	25	72.5	81.0	11.0	50.8 - 111	30	
Pentacosane (S)			ND	100	86.3	92.4		61.5 - 133		

Work Order:	1409095	**Prep Method:**	3546_TPHSG	**Prep Date:**	09/23/14	**Prep Batch:**	12759
Matrix:	Soil	**Analytical Method:**	SW8015B(M)	**Analyzed Date:**	09/23/14	**Analytical Batch:**	422511
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel (SG)	0.66	2.0	ND	25	69.2	75.6	8.83	50.8 - 111	30	
Pentacosane (S)			2.6	100	86.4	89.3		49.9 - 144		

Work Order:	1409095	**Prep Method:**	5035	**Prep Date:**	09/23/14	**Prep Batch:**	12766
Matrix:	Soil	**Analytical Method:**	8260TPH	**Analyzed Date:**	09/23/14	**Analytical Batch:**	422508
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	30	100	69	1000	105	111	5.45	64.0 - 133.2	30	
(S) 4-Bromofluorobenzene			86.8	50	101	127		43.9 - 127		

Work Order:	1409095	**Prep Method:**	5035	**Prep Date:**	09/24/14	**Prep Batch:**	12786
Matrix:	Soil	**Analytical Method:**	8260TPH	**Analyzed Date:**	09/24/14	**Analytical Batch:**	422541
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	30	100	80	1000	115	115	0.0566	64.0 - 133.2	30	
(S) 4-Bromofluorobenzene			91.3	50	121	98.1		43.9 - 127		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1409095	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	09/23/14	**Analytical Batch:**	422508
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	1.5	10	ND	50	94.0	94.1	0.119	53.7 - 139	30	
Benzene	1.5	10	ND	50	81.6	83.3	2.11	66.5 - 135	30	
Trichloroethylene	3.9	10	ND	50	76.7	78.9	2.94	57.5 - 150	30	
Toluene	0.98	10	ND	50	82.8	83.4	0.662	56.8 - 134	30	
Chlorobenzene	4.2	10	ND	50	85.8	88.7	3.30	57.4 - 134	30	
(S) Dibromofluoromethane			ND	50	110	111		59.8 - 148		
(S) Toluene-d8			ND	50	115	117		55.2 - 133		
(S) 4-Bromofluorobenzene			ND	50	106	106		55.8 - 141		

Work Order:	1409095	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	09/24/14	**Analytical Batch:**	422541
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	1.5	10	ND	50	105	118	11.4	53.7 - 139	30	
Benzene	1.5	10	ND	50	108	93.8	13.9	66.5 - 135	30	
Trichloroethylene	3.9	10	ND	50	119	95.7	21.7	57.5 - 150	30	
Toluene	0.98	10	ND	50	110	91.2	18.8	56.8 - 134	30	
Chlorobenzene	4.2	10	ND	50	121	95.7	23.2	57.4 - 134	30	
(S) Dibromofluoromethane			ND	50	108	109		59.8 - 148		
(S) Toluene-d8			ND	50	109	111		55.2 - 133		
(S) 4-Bromofluorobenzene			ND	50	103	103		55.8 - 141		

Torrent LABORATORY, INC.

MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1409095	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	**Soil**	**Analytical Method:**	SW8260B	**Analyzed Date:**	09/23/14	**Analytical Batch:**	422508
Spiked Sample:	1409095-016A						
Units:	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	1.5	10	0	50	100	94.3	6.00	53.7 - 139	30	
Benzene	1.5	10	0	50	89.7	85.7	4.54	66.5 - 135	30	
Trichloroethylene	3.9	10	0	50	87.0	82.8	4.93	57.5 - 150	30	
Toluene	0.98	10	0	50	84.7	81.7	3.56	56.8 - 134	30	
Chlorobenzene	4.2	10	0	50	91.3	86.7	5.16	57.4 - 134	30	
(S) Dibromofluoromethane				50	117	114		59.8 - 148		
(S) Toluene-d8				50	111	111		55.2 - 133		
(S) 4-Bromofluorobenzene				50	101	98.3		55.8 - 141		

Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit (PQL) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - **mg/L** and ***mg/Kg*** (equivalent to PPM - parts per million in **liquid** and ***solid***), **ug/L** and ***ug/Kg*** (equivalent to PPB - parts per billion in **liquid** and ***solid***), **ug/m3**, ***mg.m3***, **ppbv** and ***ppmv*** (all units of measure for reporting concentrations in air), **%** (equivalent to 10000 ppm or 1,000,000 ppb), **ug/Wipe** (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS:

B - Indicates when the anlayte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H- Indicates that the recommended holding time for the analyte or compound has been exceeded
J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.

Sample Receipt Checklist

Client Name: Engeo (San Ramon)

Project Name: 1017 Rollins Rd

Work Order No.: 1409095

Date and Time Received: 9/22/2014 15:45

Received By: ldi

Physically Logged By: ldi

Checklist Completed By: ldi

Carrier Name: Client Drop Off

Chain of Custody (COC) Information

Chain of custody present?	Yes
Chain of custody signed when relinquished and received?	Yes
Chain of custody agrees with sample labels?	Yes
Custody seals intact on sample bottles?	Not Present

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Not Present
Shipping Container/Cooler In Good Condition?	Yes
Samples in proper container/bottle?	Yes
Samples containers intact?	Yes
Sufficient sample volume for indicated test?	Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes			
Container/Temp Blank temperature in compliance?	Yes	Temperature:	5	°C
Water-VOA vials have zero headspace?	No VOA vials submitted			
Water-pH acceptable upon receipt?	N/A			

pH Checked by: n/a

pH Adjusted by: n/a

Torrent LABORATORY, INC.

Login Summary Report

Client ID: TL5123 Engeo (San Ramon)
Project Name: 1017 Rollins Rd
Project # : 10391.000.000
Report Due Date: 9/25/2014

QC Level:
TAT Requested: 3 day:25
Date Received: 9/22/2014
Time Received: 15:45

Comments:

Work Order # : ***1409095***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1409095-001A	S1 @ 4.5-5	09/22/14 8:50	Soil	03/21/15			Hold Samples	
1409095-002A	S1 @ 8-8.5	09/22/14 9:00	Soil	03/21/15			S_GCMS-GRO S_8260Full S_TPHDOSG	
1409095-003A	S1 @ 12-12.5	09/22/14 9:10	Soil	03/21/15			S_8260Full S_TPHDOSG S_GCMS-GRO	
1409095-004A	S1 @ 15.5-16	09/22/14 9:20	Soil	03/21/15			S_8260Full S_TPHDOSG S_GCMS-GRO	
1409095-005A	S2 @ 3-3.5	09/22/14 9:45	Soil	03/21/15			Hold Samples	
1409095-006A	S2 @ 8-8.5	09/22/14 10:00	Soil	03/21/15			S_GCMS-GRO S_TPHDOSG S_8260Full	
1409095-007A	S2 @ 12-12.5	09/22/14 10:10	Soil	03/21/15			S_8260Full S_GCMS-GRO S_TPHDOSG	
1409095-008A	S2 @ 15-15.5	09/22/14 10:20	Soil	03/21/15			S_8260Full S_TPHDOSG S_GCMS-GRO	
1409095-009A	S3 @ 3.5-4	09/22/14 10:45	Soil	03/21/15			Hold Samples	
1409095-010A	S3 @ 8-8.5	09/22/14 11:00	Soil	03/21/15			S_GCMS-GRO S_8260Full S_TPHDOSG	
1409095-011A	S3 @ 11.5-12	09/22/14 11:05	Soil	03/21/15			S_8260Full S_GCMS-GRO	

Login Summary Report

Client ID: TL5123 Engeo (San Ramon)
Project Name: 1017 Rollins Rd
Project # : 10391.000.000
Report Due Date: 9/25/2014

QC Level:
TAT Requested: 3 day:25
Date Received: 9/22/2014
Time Received: 15:45

Comments:

Work Order # : ***1409095***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1409095-012A	S3 @ 15-15.5	09/22/14 11:15	Soil	03/21/15			S_TPHDOSG S_8260Full S_GCMS-GRO S_TPHDOSG	
1409095-013A	S4 @ 4.5-5	09/22/14 11:45	Soil	03/21/15			Hold Samples	
1409095-014A	S4 @ 7.5-8	09/22/14 11:50	Soil	03/21/15			S_8260Full S_TPHDOSG S_GCMS-GRO	
1409095-015A	S4 @ 11.5-12	09/22/14 11:55	Soil	03/21/15			S_8260Full S_TPHDOSG S_GCMS-GRO	
1409095-016A	S4 @ 15-15.5	09/22/14 12:00	Soil	03/21/15			S_8260Full S_TPHDOSG S_GCMS-GRO	

Torrent LABORATORY, INC.

CHAIN OF CUSTODY RECORD

1409095

PROJECT NUMBER: 10391.000.000
PROJECT NAME: 1017 Rollins Rd
SAMPLED BY: (SIGNATURE/PRINT): Robert Peck
PROJECT MANAGER: (SIGNATURE/PRINT): Divya Bhargava
ROUTING: E-MAIL rpeck@engeo.com dbhargava HARD COPY

SAMPLE NUMBER	DATE	TIME	MATRIX	NUMBER OF CONTAINERS	CONTAINER SIZE	PRESERVATIVE	VOCs/gas/BTEX (8260)	TPH d/mo w/silica gel cleanup		REMARKS / REQUIRED DETECTION LIMITS
S1@4.5-5	9-22-14	8:50	SOIL	1	2" x 6" SS Liner	ICE			-001A	Hold
S1@8-8.5		9:00	SOIL	1	2" x 6" SS Liner	ICE	X	X	-002A	
S1@12-12.5		9:10	SOIL	1	2" x 6" SS Liner	ICE	X	X	-003A	
S1@15.5-16		9:20	SOIL	1	2" x 6" SS Liner	ICE	X	X	-004A	
S2@3-3.5		9:45	SOIL	1	2" x 6" SS Liner	ICE			-005A	Hold
S2@8-8.5		10:00	SOIL	1	2" x 6" SS Liner	ICE	X	X	-006A	
S2@12-12.5		10:10	SOIL	1	2" x 6" SS Liner	ICE	X	X	-007A	
S2@15-15.5		10:20	SOIL	1	2" x 6" SS Liner	ICE	X	X	-008A	
S3@3.5-4		10:45	SOIL	1	2" x 6" SS Liner	ICE			-009A	Hold
S3@8-8.5		11:00	SOIL	1	2" x 6" SS Liner	ICE	X	X	-010A	
S3@11.5-12		11:05	SOIL	1	2" x 6" SS Liner	ICE	X	X	-011A	
S3@15-15.5		11:15	SOIL	1	2" x 6" SS Liner	ICE	X	X	-012A	
S4@4.5-5		11:45	SOIL	1	2" x 6" SS Liner	ICE			-013A	Hold
S4@7.5-8		11:50	SOIL	1	2" x 6" SS Liner	ICE	X	X	-014A	
S4@11.5-12		11:55	SOIL	1	2" x 6" SS Liner	ICE	X	X	-015A	
S4@15-15.5		12:00	SOIL	1	2" x 6" SS Liner	ICE	X	X	-016A	
			SOIL	1	2" x 6" SS Liner	ICE				
			SOIL	1	2" x 6" SS Liner	ICE				
			SOIL	1	2" x 6" SS Liner	ICE				

3 DAY STANDARD

RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)
	9-22-14 / 15:45	L. D. Imboat			
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE/TIME	REMARKS	
				standard 3 Day TAT Temp 5°C	

DISTRIBUTION: ORIGINAL ACCOMPANIES SHIPMENT; COPY TO PROJECT FIELD FILES

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D/O

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Prepared By: Engeo