Phase II Environmental Site Assessment

Community Park Site – Fair Park
4105 South Fitzhugh Avenue
Dallas, Texas 75210

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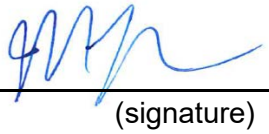
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EXECUTIVE SUMMARY

Stantec Consulting Services Inc. (Stantec) performed a Phase II Environmental Site Assessment (ESA) at the Community Park Site located at 4105 South Fitzhugh Avenue in Dallas, Texas (the "Property") on behalf of the City of Dallas (City). The scope of work was completed in accordance with a Site-Specific Sampling and Analysis Plan (SAP) prepared by Stantec dated September 17, 2021 (Stantec, 2021a), utilizing protocols detailed in a Quality Assurance Project Plan (QAPP) dated February 26, 2021 (Stantec, 2021b). The SSSAP was approved by the United States Environmental Protection Agency (EPA) Project Officer, Paul Johnson, on November 3, 2021.

The purpose of the Phase II ESA was to evaluate current soil and groundwater conditions for use in planning for site redevelopment. The scope of work was designed to assess a recognized environmental condition (REC) identified in the August 25, 2021 Phase I ESA prepared by Stantec that identified an historical gas station within the Property, in addition to a business environmental risk (BER) identified as the potential presence of lead-based paint in shallow soil from historical residences. Field work for the Phase II ESA was completed by Stantec between January 17 – 20, 2022 and included collection of two soil samples per boring from 21 soil borings (designated B01 through B21), and up to four soil samples per boring from five soil borings (B22 through B26). Soil boring B24 was converted to a temporary monitoring well to collect one groundwater grab sample. The results are briefly summarized as follows:

Soil

- No volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), or total petroleum hydrocarbon (TPH) compounds were detected at or above the laboratory reporting limits in any of the soil samples.
- Lead was detected above the Texas-Specific Soil Background Concentration (TSSBC) in 14 soil samples but did not exceed the human health protective concentration level (PCL) for soil established by TCEQ.
- The vertical extent of lead has not been delineated to address protection of groundwater in five of the borings containing concentrations of lead above the TSSBC.
- The soil investigation derived waste (IDW) is considered to be non-hazardous based on the characterization sample collected at the completion of field activities.

Groundwater

- No PAHs, TPH, or dissolved lead were detected at or above laboratory reporting limits in the groundwater sample collected from boring B24.
- Total lead was detected above the laboratory reporting limits in the groundwater sample from B24 but did not exceed the Tier 1 residential protective concentration level (PCL).
- Four VOCs (chloroform, cis-1,2-dichloroethane, tetrachloroethene [PCE] and trichloroethene [TCE]) were detected above the laboratory reporting limits. Chloroform and cis-1,2-dichloroethane concentrations did not exceed applicable PCLs; however, PCE and TCE were detected above the applicable PCLs in the groundwater sample.
- The aqueous IDW is considered to be non-hazardous based on the characterization sample collected at the completion of field activities.

Based on the analytical data collected during this investigation, groundwater quality at the Property has been impacted by PCE and TCE, although the extent and source of the release is unknown. Additional investigation is required to further define groundwater impacts from PCE and TCE identified at boring B24. Consultation with the Texas Commission on Environmental Quality (TCEQ) is recommended. The lead detections that exceeded the established background concentration were sporadic and within an order of magnitude of the PCL (except one sample at B13) indicating the concentrations may be typical for the area, and not a result of the BER. Stantec recommends consultation with the TCEQ regarding the lead background exceedances in soil observed at the Property to determine if these concentrations are within background concentrations typically

observed in the surrounding area. No soil samples relating to the REC were encountered with concentrations of VOCs, PAHs, TPH or lead detected at or above laboratory reporting limits during the course of this investigation.

1.0 INTRODUCTION

This report documents and presents the finding of a Phase II Environmental Site Assessment (ESA) completed by Stantec Consulting Services Inc. (Stantec) performed at the Community Park Site located at 4105 South Fitzhugh Avenue in Dallas, Texas (the "Property") on behalf of the City of Dallas (City). The scope of work was completed in accordance with a Site-Specific Sampling and Analysis Plan (SAP) prepared by Stantec dated September 17, 2021 (Stantec, 2021a), utilizing protocols detailed in a Quality Assurance Project Plan (QAPP) dated February 26, 2021 (Stantec, 2021b). The SAP was approved by the United States Environmental Protection Agency (EPA) Project Officer, Paul Johnson, on November 3, 2021.

The work was funded through an EPA Brownfields Assessment Grant awarded to the City of Dallas in 2021 (Cooperative Agreement No. BF-01F87501). Eligibility of the Site for use of grant funds was approved by EPA on September 15, 2021. The purpose of the Phase II ESA was to evaluate current soil and groundwater conditions to be used in planning for site redevelopment. The scope of work for the Phase II ESA was designed to assess the recognized environmental condition (REC) and business environmental risk (BER) identified in the Phase I ESA completed by Stantec (Stantec, 2021c). A list of common acronyms and abbreviations relevant to Phase II ESA reports completed for sites in Texas is provided in **Appendix C**.

1.1 GENERAL

The purpose of the Phase II ESA was to assess the REC and BER for the Property identified in the Phase I ESA report (Stantec, 2021c) and to evaluate current soil and groundwater conditions for use in planning for redevelopment of the Property. A Property Location Map is included as **Figure 1**.

1.2 SITE DESCRIPTION/BACKGROUND

The Property consists of 27.74 acres within the larger State Fair of Texas parcel identified as Dallas County parcel number 0008120C0001A0000 with an address of 4105 South Fitzhugh Avenue. The Property consists of four surface parking lots (designated lot nos. 10A, 10B, 11A, and 11B) used for events and activities occurring on the State Fair of Texas campus.

The Property is bounded to the northeast by Gaisford Street and beyond by the State Fair of Texas Maintenance Engineering facility and the Dallas Opera Dorothy and Plato Karayanis Rehearsal Center; to the east/southeast by Fitzhugh Avenue and beyond by residential and commercial property; to the southwest by Exposition Avenue and beyond by the Dos Equis Pavilion (an entertainment venue); and to the west/northwest by Pennsylvania Avenue and beyond by the State Fair of Texas grounds.

The City of Dallas plans to redevelop the approximate southwest half of the Property with a Community Park. Plans for the 14-acre park may include recreational components, greenspace, water features, pavilion, and dog park. A parking structure and a reconfigured surface parking lot may be constructed in the northeastern portion of the Property.

1.3 ENVIRONMENTAL CONCERNS

Based on the REC and BER identified by the August of 2021Stantec Phase I ESA completed at the Property the following environmental concerns were identified:

- *A historical gas station located within the Property with an historical address of 1917 Lagow Street, likely in operation between 10 and 20 years and demolished in the early 1970s.*
- *Potential presence of lead-based paint released to shallow soil during residential demolition prior to converting the Property to parking lots between 1969 and 1974.*

1.4 CONCEPTUAL SITE MODEL

This section presents a summary of a Conceptual Site Model (CSM) for the Property based on contaminants of concern included in the SAP and used to develop the scope of work for the Phase II ESA. As noted by Crumbling (2004), a CSM uses available historical and current information to help determine or predict:

- The types of contaminants that are most likely to be present at a site at concentrations that exceed regulatory limits, or which could impact redevelopment;
- The locations where contamination is most likely to be present;
- The mechanisms through which contamination was likely or potentially released and the associated zones or depth intervals that are most likely to have been impacted;
- The characteristics of geologic materials underlying the property (in particular, their permeability);
- The depth to the water table and flow direction for shallow groundwater;
- The known or potential presence of natural or manmade features in the subsurface that could affect migration patterns and pathways for contaminants or impede sample collection; and
- Future plans for use of the property, in particular, if redevelopment activities will be performed.

The contaminants of concern for the Property presented in the SAP were based on the REC and BER identified in the Phase I ESA conducted by Stantec and used to develop the CSM for the Property:

- The historical gas station has the potential to release total petroleum hydrocarbons (TPH), polycyclic aromatic hydrocarbons (PAHs), volatile organic compounds (VOCs) and lead to soil and/or groundwater which could result in impacts to the Property.
- Potential dispersion of lead-based paint during demolition of residences presents the potential for releases of lead to soil resulting in potential impacts to the Property.
- It is anticipated that the Property will be redeveloped in the near future, and this may include grading and disturbance of surface soil and installation of park features throughout the Property.

2.0 DESCRIPTION OF INVESTIGATION

Field activities completed in accordance with the SAP and QAPP are discussed in the following subsections.

2.1 SOIL

Prior to the start of field activities, Stantec contacted the Texas 811 Locating Service to mark subsurface utility locations within the public rights-of-ways adjoining the Property and retained a private utility locating service (Ground Penetrating Radar Systems, Inc. [GPRS]) to perform a geophysical survey to identify subsurface utilities at all proposed on-site boring locations. Cleared boring locations were delineated by approximately 10-foot by 10-foot boxes marked in white paint by GPRS on January 14, 2021.

Between January 17 through 20, 2021, Sunbelt Industrial Services, Inc. (Sunbelt) under the supervision of Stantec personnel, advanced 26 soil boreholes (B01–B26) at the locations shown on **Figure 2**. Soil borings B01 through B21 were advanced to 4 feet below ground surface (bgs) using a 3.25-inch diameter hand auger. Soil borings B22 through B26 were advanced with a hand auger to 5 feet bgs to identify potential underground utilities not detected during the geophysical survey. Beyond 5 feet bgs, the borings were advanced using a track-mounted, direct push Geoprobe® 6620DT rig with a 2.5-inch diameter Geoprobe® rod sampler to a maximum depth of approximately 15 feet bgs.

Probe drilling rods and soil sampling equipment were clean when brought on the Property and were decontaminated between each borehole. Hydraulic probe sampling barrels were decontaminated with an Alconox® wash and power water rinse prior to the collection of each soil sample. New disposable acetate sleeve liners were used for collection of each soil sample to minimize the potential for cross contamination between soil samples. Each of the soil borings were abandoned following completion of sampling by backfilling with hydrated bentonite chips from the total depth of the boring to approximately 1 foot bgs, followed by a concrete mixture from 1 foot bgs to the surface and ground surface was restored to match existing conditions.

Soil cores were collected continuously from the ground surface to the boring terminus. The Stantec field geologist physically examined the soil cores and made observations of the general lithology (percentages of gravel, sand, silt, and clay), evidence of non-native fill/anthropogenic materials, indications of chemical or other staining, odors, and other distinctive features. Soil was described in accordance with the Universal Soil Classification System as presented in American Society for Testing and Materials Standards D2488, and color was determined using a Munsell Color Chart. Soil descriptions and sample loggings were recorded on soil boring logs provided in **Appendix A**.

Portions of the soil cores from approximately each 1-foot interval for soil borings B22 through B26 were field screened for the presence of VOCs using a photoionization detector (PID) equipped with a 10.6 electronvolt lamp and calibrated to 100 parts per million (ppm) isobutylene gas calibration standard specifications. Soil collected from established sampling depths of 1-2 feet bgs and 3-4 feet bgs from soil borings B01 through B21 were field screened prior to sampling. The portions of the soil core from each 1-foot interval were placed into Ziploc® storage bags, sealed, labeled, and stored for a period of approximately fifteen minutes. The soil was tested by piercing the side of each Ziploc® bag with the tip of the PID probe and recording the maximum PID reading at the peak of meter stabilization. PID data are included on the soil boring logs presented in **Appendix A**.

Selection of soil samples for laboratory analysis was based upon depth, field evidence for the presence of fill materials, moisture content, field screening, and PID measurements, or predetermined sample intervals in accordance with rationale for each boring detailed in the SAP (Stantec, 2021a). Soil samples were collected from 1-2 feet bgs and 3-4 feet bgs for borings B01 through B21. For borings B22 through B26, soil samples were collected from a 1-foot interval within three depth ranges that exhibited the greatest potential for impacts based on field observations: 0-5 feet bgs, 5-10 feet bgs, and 10-15 feet bgs. Additional soil sample volume was collected from boring B24 approximately above the encountered groundwater table. Soil samples selected for analysis were placed directly into applicable preserved and unpreserved laboratory-supplied containers and immediately placed in a cooler on ice for shipping to DHL Analytical, Inc. (“Project Laboratory”) in Round Rock, Texas (TCEQ Environmental Laboratory Accreditation Program, [National Environmental Laboratory Accreditation Program] NELAP Accreditation No. T104704211-21-27) under chain-of-custody protocol. The identification for each soil sample incorporates the boring number and sample depth (in feet bgs).

Stantec submitted soil samples to the laboratory to be analyzed for the following parameters:

- Lead using EPA Method 6020B;
- TPH using TCEQ Method 1005;
- TPH using TCEQ Method 1006 for the sample with the maximum concentration reported for Method 1005;
- PAHs using EPA Method 8270D-SIM (selected ion monitoring) for the sample with the greatest TPH concentration; and,
- VOCs (including fuel oxygenates) using EPA Method 8260C.

Borings B01 through B21 were analyzed for lead only. TPH by TCEQ Method 1006 and PAHs by EPA Method 8270D-SIM analysis were placed on hold pending the initial sample results. Six field duplicate soil samples and two matrix spike/matrix spike duplicate (MS/MSD) samples were collected and submitted for analysis in accordance with the SAP and QAPP. One trip blank was submitted with each cooler containing samples designated for VOC analysis. Four equipment blank samples were collected from the hand auger bucket or cutting shoe and submitted for laboratory analysis to confirm decontamination procedures. The laboratory reports are presented in **Appendix B**. Analytical results for soil samples are summarized on **Table 1** and discussed in Section 4.3. Quality assurance/quality control (QA/QC) data for soil are discussed in Section 4.6. The boring locations are shown on **Figure 2**.

2.2 GROUNDWATER

On January 19, 2022, Sunbelt constructed a temporary groundwater monitoring well at boring B24 to enable Stantec to collect a groundwater grab sample. The soil boring was completed as described in the previous section to 15 feet bgs using hand auger and Geoprobe drilling methods. Following collection of soil samples from surface soil, the boring was over drilled using an 8.25-inch diameter hollow stem auger attached to the Geoprobe rig. The well was assembled using 2-inch diameter Schedule 40 polyvinyl chloride casing with a 10-foot long, 10 slot (0.010-inch) screen and completed to 40 feet bgs. A 10/20 sand filter pack was placed in the annulus of the boring to prevent natural formation collapse. Following construction of the well, a pump was used to develop the well by purging groundwater to remove fines introduced during the installation process. The well was purged for over an hour, and ran dry several times. Approximately 3.5 gallons of groundwater was purged, and the well was allowed to recharge overnight.

On January 20, 2022, a QED™ Environmental Systems Sample Pro bladder pump was set with a pump intake at 37 feet below top of casing (btoc) and a YSI ProDSS water quality meter was used to purge and monitor groundwater parameters (electrical conductivity, pH, temperature, turbidity, oxidation/reduction potential, and dissolved oxygen) at a rate of approximately 120 milliliters per minute until stabilized. Once stabilized, a groundwater sample was collected by pumping the groundwater directly into labeled preserved and unpreserved laboratory-supplied containers and immediately placed in a cooler on ice for shipping to the Project Laboratory.

Stantec submitted the groundwater grab sample to the laboratory to be analyzed for the following parameters:

- Lead using EPA Method 6020B;
- TPH using TCEQ Method 1005;
- TPH using TCEQ Method 1006, if applicable;
- PAHs using EPA Method 8270D-SIM; and,
- VOCs (including fuel oxygenates) using EPA Method 8260C.

One trip blank was submitted with each cooler containing samples assigned for VOC analysis. One equipment blank was collected from the body of the bladder pump. Following completion of groundwater sampling on January 20, 2022, the temporary monitoring well was decommissioned by removing the casing and screen and backfilling the borehole with hydrated bentonite chips, topped with concrete, and the ground surface was restored to match existing conditions.

2.3 INVESTIGATION DERIVED WASTE

Soil cuttings and decontamination fluids and purge water were contained in Department of Transportation-approved 55-gallon drums with water resistant “Pending Analysis” labels properly filled out and adhered to the body of the drum. Three drums containing soil cuttings and two drums containing decontamination fluids and purge water were accumulated and staged for temporary storage in a portion of the parking lot used for storing planters, benches, and other drums, located southwest of soil boring B05. After sampling was completed, one composite sample from each of the solid and liquid investigation derived waste (IDW) was collected in laboratory-provided containers for waste characterization purposes. The samples were analyzed for the following waste characterization parameters:

- Toxic Characteristics Leaching Procedure (TCLP) VOCs by EPA Methods 1311 and 8260B;
- TCLP semi-volatile organic compounds (SVOCs) by EPA Methods 1311 and 8270C;
- TCLP Texas 11 metals by EPA Methods 1311 and 6010B/7471A;
- Ignitability by EPA Method 1010A;
- Reactive Cyanide and Sulfide by EPA Method 9012B and 9034, respectively; and
- pH by EPA Method 9045D.

3.0 APPLICABLE CLEAN-UP CRITERIA

3.1 GENERAL PROCEDURES FOR ESTABLISHING SOIL AND GROUNDWATER CLEANUP STANDARDS FOR SITES IN TEXAS

Procedures for establishing soil and groundwater standards (referred to as protective concentration levels or PCLs) for sites in Texas are detailed in the Texas Risk Reduction Program (*TRRP) Guidance 22 (TRRP-22), Tiered Development of Human Health PCLs.* These standards are protective of human health and take into account site conditions (i.e., groundwater classification) and land use. The PCLs are separated into three tiers and evaluated against various exposure pathways at each tier. Constituents of concern (COCs) subject to the TRRP are compared to TRRP action levels as defined in the TCEQ guidance for determination of releases (TCEQ, 2019). Per the guidance, TRRP action levels are defined as the lowest applicable Residential Tier 1 PCLs for a given COC, assuming a 0.5-acre source area and Class 1 groundwater.

In addition to the three tiers of PCLs, the TCEQ has established background metals concentrations for select metals. These concentrations are referred to as the Texas-Specific Soil Background Concentrations (TSSBC). Each Tier of PCLs and TSSBC is discussed further below.

Tier 1 PCLs

In Tier 1, the site owner or operator compares sample analytical results to already established “generic” TCEQ PCLs, contained in "look-up" tables. The Tier 1 PCL tables are provided on the TCEQ’s website. For the purposes of this investigation, the PCL tables published in January 2021 were utilized. Residential PCLs are provided in the tables. For most constituents, the remediation objectives for industrial/commercial land use are significantly higher (i.e., less restrictive) than those applicable to residential land use. However, if PCLs are based on commercial/industrial, an institutional control prohibiting the property from residential use would be required.

The two Tier 1 look-up tables for PCLs that were used for this investigation are summarized below:

Table #	Description
1	Tier 1 PCLs for soil and subsurface soil for residential land use, for 0.5- and 30-acre source areas. Under a residential land use scenario, surface soil is defined as 0-15 feet bgs.
3	Tier 1 PCLs for Class 1, 2, and 3 groundwater for both residential and commercial/industrial land uses.

The measured concentrations for a constituent must be less than the corresponding PCL value in order to have met the Tier 1 PCL threshold. Concentrations that are equal to or exceed the PCL are considered to not meet the corresponding Tier 1 PCL.

Tier 2

A Tier 2 evaluation is not required for those constituents that meet the Tier 1 PCLs. Tier 2 is considered to be a site-specific calculated PCL based on a number of factors, including occupational inhalation exposures, nuisance aesthetic considerations, theoretical soil saturation limit concentrations, and onsite soil conditions (pH, soil type, soil organic carbon content, etc.). The additional Tier 2 information can allow for calculation of less stringent but equivalently protective remediation objectives. Tier 2 PCLs are calculated based on standard models and equations developed by the TCEQ.

A Tier 2 PCL can only be used as a remedial objective and must be approved by the TCEQ. These cannot be used for screening purposes and as such, Tier 2 PCLs have not been developed for this investigation.

Tier 3

Tier 3 PCLs are also calculated using site-specific data and more sophisticated models that are not set forth in TCEQ rules or standards, as a Tier 2 PCL would be. A Tier 3 PCL can only be used as a remedial objective and must be approved by the TCEQ. These cannot be used for screening purposes and as such, Tier 3 PCLs have not been developed for this investigation.

TSSBC

For select metals, the TCEQ has established natural background concentrations. These background concentrations can be used in place of the Tier 1 $^{GW}Soil_{Ing}$ PCL (defined below) if the TSSBC concentration is greater than the Tier 1 $^{GW}Soil_{Ing}$ PCL. The TSSBCs are promulgated in 30 TAC §350.51(m).

3.2 INITIAL EVALUATION OF PCLS APPLICABLE TO THE PROPERTY

Based on the discussion included above in Section 3.1, the Tier 1 PCLs and TSSBCs have been selected for the purposes of this investigation. The exposure pathway of each PCL was evaluated as follows:

Table 1 – Residential Soil PCLs

Table 1 is divided into 0.5- and 30-acre PCLs. Based on the lack of a known source at the Property, the 0.5-acre PCLs are used for the purposes of this assessment. Each potential PCL exposure pathway has been evaluated as follows:

- $^{GW}Soil_{Ing}$: This PCL provides the limit for COCs in soil to be protective of leaching to a Class 1 or Class 2 aquifer at levels that could pose a risk to human health if groundwater was ingested. This PCL is considered applicable to the Property.
- $^{GW}Soil_{Class3}$: This PCL provides the limit for COCs in soil to be protective of leaching to a Class 3 aquifer at levels that could pose a risk to human health if groundwater was ingested. This PCL is not considered applicable to the Property at this time as there is no evidence that the Property is located over a Class 3 aquifer.
- $^{Tot}Soil_{Comb}$: This PCL provides the limit for COCs in surface soil to be protective of human health through the combined inhalation; ingestion; dermal; vegetable consumption pathways. In a residential setting, surface soil is defined as 0 to 15 feet bgs. This PCL is considered applicable to the Property.
- $^{Air}Soil_{Inh\text{-}V}$: This PCL provides the limit for COCs in subsurface soil to be protective of human health through the inhalation pathway. Subsurface soil was not sampled during this investigation; therefore, this PCL is not considered applicable to the Property at this time.
- ^{Air}GW-$Soil_{Inh\text{-}V}$: This PCL provides the limit for COCs in subsurface soil to be protective of leaching to groundwater at levels that could pose a risk to human health for inhalation of groundwater. Subsurface soil was not sampled during this investigation; therefore, this PCL is not considered applicable to the Property at this time.

Table 3 – Groundwater PCLs

Table 3 is divided into residential and commercial/industrial PCLs. For the purposes of this investigation, residential PCLs and 0.5-acre PCLs have been used. Each potential PCLs exposure pathway has been evaluated as follows:

- $^{GW}GW_{Ing}$: This PCL provides the limits for COCs in groundwater in Class 1 or Class 2 aquifers at levels that could pose a risk to human health if groundwater was ingested. This PCL is considered applicable to the Property.
- $^{GW}GW_{Class\ 3}$: This PCL provides the limits for COCs in groundwater in a Class 3 aquifer at levels that could pose a risk to human health if groundwater was ingested. This PCL is not considered applicable to the Property as this time as there is no evidence the Property is located over a Class 3 aquifer.
- $^{Air}GW_{Inh\text{-}V}$: This PCL provides the limits for COCs in groundwater to be protective of human health through the inhalation pathway. This PCL is considered applicable to the Property.

TSSBC

The TSSBC, which has been developed for select metals, replaces the Tier 1 $^{GW}Soil_{Ing}$ PCL if the metals concentration is higher than the $^{GW}Soil_{Ing}$ PCL. As the TSSBC for lead is 15 milligrams per kilogram (mg/kg), and the Tier 1 $^{GW}Soil_{Ing}$ is 3 mg/kg, the TSSBC is considered applicable for lead at the Property.

4.0 RESULTS OF INVESTIGATION

4.1 SUBSURFACE CONDITIONS

Soil encountered at the Property typically consisted of silty sand and poorly graded fine sand to approximately 40 feet bgs (**Figure 2**). A sandy fat clay was encountered throughout the Property, particularly in the northern and eastern portions, in 1-foot to 3-foot intervals to a maximum depth of 7.5 feet bgs. Asphalt and/or concrete fragments were observed in borings B09 and B10, and shell fragments in boring B17. Soil samples observed to contain anthropogenic material indicating potential fill were analyzed for PAHs. No hydrocarbon odors or staining were observed in any borings. Soil borings were typically located on 8-inch concrete, except B13, B18, B23, and B24 which were located on unpaved medians.

Soil cuttings from the hollow stem auger boring B24 began to increase in moisture at approximately 33 feet bgs when soil conditions transitioned from a silty sand to a poorly graded fine sand. Groundwater was encountered at a depth of 33.8 feet btoc immediately following installation of a temporary monitoring well. The static water level measurement collected the following day on January 20, 2022, was 34.52 feet btoc.

4.2 FIELD SCREENING RESULTS

PID measurements from soil collected at the Property ranged from 0.4 ppm to a maximum value of 9.6 ppm in boring B26 from 14-15 feet bgs. No staining or odors indicative of potential contamination were observed during field screening. The results of the PID screening are included in the soil boring logs presented in **Appendix A**.

4.3 SOIL SAMPLING LABORATORY ANALYTICAL RESULTS

Laboratory analytical data for soil is summarized on **Table 1**. The laboratory analytical reports and chain-of-custody forms for the soil samples are presented in **Appendix B.** The results are discussed in detail in the following sections.

4.3.1 VOCs

VOCs were not detected at or above laboratory reporting limits.

4.3.2 PAHs

PAHs were not detected at or above laboratory reporting limits.

4.3.3 TPH Compounds

TPH was not detected at or above laboratory reporting limits.

4.3.4 Lead

Lead was detected above the TSSBC of 15 mg/kg in 14 soil samples. No concentrations were reported at or above the Tier 1 $^{Tot}Soil_{Comb}$ PCL of 500 mg/kg. The maximum reported concentration was 169 mg/kg in the soil sample from boring B13 from 1 to 2 feet bgs (**Figure 3**).

4.4 GROUNDWATER GRAB SAMPLING ANALYTICAL RESULTS

Laboratory analytical data for the groundwater grab sample collected from a temporary well installed at boring B24 is summarized on **Table 2**. The laboratory analytical reports and chain-of-custody forms for the groundwater grab sample is presented in **Appendix B.** The results are discussed in detail in the following sections.

4.4.1 VOCs

Four VOCs (chloroform, cis-1,2-dichloroethane, tetrachloroethene [PCE] and trichloroethene [TCE]) were detected above laboratory reporting limits. PCE and TCE were detected above the Tier 1 residential PCL of 0.005 mg/L at 0.0318 mg/L and 0.0054 mg/L, respectively. Chloroform and cis-1,2-dichloroethane concentrations did not exceed applicable PCLs.

4.4.2 PAHs

PAHs were not detected at or above laboratory reporting limits.

4.4.3 TPH Compounds

TPH was not detected at or above laboratory reporting limits.

4.4.4 Lead

Total lead was detected at a concentration of 0.00814 mg/L but did not exceed the Tier 1 residential PCL of 0.015 mg/L. Dissolved lead was not detected at or above the laboratory reporting limit.

4.5 VAPOR INTRUSION

No vapor sampling was performed as part of the scope of work for this assessment.

4.6 INVESTIGATION DERIVED WASTE

The analytical results for the composite samples of drummed soil cuttings and decontamination fluids and groundwater were compared to the hazardous waste characteristics defined in 40 CFR Part 261, Subpart C. The soil and aqueous IDW did not meet characteristics for reactivity set forth in 40 CFR 261.23 and are therefore considered to be non-reactive.

The TCLP analysis for the soil and aqueous IDW samples was not detected above laboratory reporting limits for VOCs and SVOCs. Barium, lead, and nickel were detected in the soil IDW sample but did not exceed applicable EPA Hazardous Waste Criteria Limits (HWC). Barium and lead were detected in the aqueous IDW sample but did not exceed recommended EPA HWC limits.

The soil and aqueous investigation derived waste are considered to be non-hazardous. The IDW is temporarily stored onsite pending proper disposal at a Class II landfill. The IDW analytical data are summarized on **Table 3**.

4.7 QUALITY ASSURANCE / QUALITY CONTROL

Analysis of soil samples was conducted at the Project Laboratory as discussed in Section 2.1. The Project Laboratory is an accredited laboratory (TCEQ Environmental Laboratory Accreditation Program, NELAP Accreditation No. T104704245-20-18). A Data Validation Report was prepared and provided as **Appendix D.**

4.7.1 Soil

The concentrations of several constituents on **Table 1** were qualified with a “J” flag indicating sample concentrations are estimated values due to minor laboratory deficiencies or results that lie between the sample detection limit (SDL) and the reporting limit (RL). This is relevant in situations where the reported concentrations are relatively similar in value to applicable soil Tier 1 PCL values and could impact whether the Tier 1 PCL values are exceeded, which does not appear to be the situation for any of the “J” flagged values shown on **Table 1**.

Twenty-five (25) VOCs in sample B23(3-4)SO were qualified as estimated non-detects (UJ) and lead was qualified as estimated with a potential positive bias (J+) in sample B20(1-2)SO due to matrix spike/matrix spike

duplicate (MS/MSD) recoveries and/or relative percent differences (RPDs) that were outside of laboratory acceptance limits.

Lead was qualified as estimated (J) in one field duplicate pair due to calculated relative percent differences that exceeded the project control limit.

There was no significant impact to the data quality as a result of the non-conformances noted above. All data are usable as qualified in **Table 1**.

4.7.2 Groundwater Grab Sample

The concentrations of several constituents on **Table 2** were qualified with a "J" flag indicating sample concentrations are estimated values due to minor laboratory deficiencies or results that lie between the SDL and the RL. This is relevant in situations where the reported concentrations are relatively similar in value to applicable groundwater Tier 1 PCL values and could impact whether the Tier 1 PCL values are exceeded. This does not appear to be the situation for any of the "J" flagged values shown on **Table 2**.

4.7.3 Trip Blanks

Trip blanks were submitted with the samples and analyzed for VOCs. There were no target analytes detected above SDLs in the trip blank samples.

4.7.4 Equipment Blanks

Equipment blanks were submitted with the samples and analyzed for VOCs, PAHs, TPH, and lead. Lead was present at trace levels in blank samples EB-011822 and EB-012022. Lead was detected at significantly higher concentrations in the associated samples; therefore, no data were qualified.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the laboratory results from 44 soil samples (and six duplicate samples) and one groundwater grab sample collected during this Phase II ESA conducted between January 17 and 20, 2022, the following can be concluded:

- No contaminated soils relating to the historical gas station identified as a REC in the Phase I ESA report (Stantec, 2021c) were encountered during the course of this investigation.
- Lead was detected above the TSSBC of 15 mg/kg in 14 soil samples from eight borings but did not exceed the Tier 1 $^{Tot}Soil_{Comb}$ PCL of 500 mg/kg. The maximum concentration of 169 mg/kg was detected in the sample collected from 1-2 feet bgs at boring B13. These exceedances were sporadic throughout the Property and all but one sample (B13 from 1-2 feet bgs) were within an order of magnitude of the PCL suggesting they may be typical concentrations for the area.
- The vertical extent of lead appears to be delineated in three borings (B09, B11, and B18) where concentrations fell below background concentrations in the deeper soil samples collected from 3-4 feet bgs.
- The vertical extent of lead could not be delineated in five borings. Three borings (B08, B12, and B21) reported similar concentrations in the deeper samples collected from 3-4 feet bgs as in the shallower samples. Two borings (B06 and B13) reported lesser concentrations in the deeper sample than in the shallower sample but still above the TSSBC of 15 mg/kg.
- Two VOCs, PCE and TCE, were detected in the groundwater grab sample collected from the temporary well at boring B24 above the Tier 1 residential PCL of 0.005 mg/L at 0.0318 mg/L and 0.0054 mg/L, respectively. The source of the release to groundwater has not been identified.

Based on the findings of this Phase II ESA, Stantec makes the following recommendations:

- Stantec recommends conducting additional investigations to further define groundwater impacts of PCE and TCE detected in the groundwater grab sample and consultation with TCEQ on next steps.
- Stantec recommends consultation with the TCEQ regarding the lead exceedances in soil observed at the Property to determine if these concentrations are within background concentrations typically observed in the surrounding area.

6.0 DISCLAIMER AND LIMITATIONS

This report documents work that was performed in accordance with generally accepted professional standards at the time and location in which the services were provided. No other representations, warranties or guarantees are made concerning the accuracy or completeness of the data or conclusions contained within this report, including no assurance that this work has uncovered all potential liabilities associated with the identified property.

This report provides an evaluation of selected environmental conditions associated with the identified portion of the property that was assessed at the time the work was conducted and is based on information obtained by and/or provided to Stantec at that time. There are no assurances regarding the accuracy and completeness of this information. All information received from the client or third parties in the preparation of this report has been assumed by Stantec to be correct. Stantec assumes no responsibility for any deficiency or inaccuracy in information received from others.

The opinions in this report can only be relied upon as they relate to the condition of the portion of the identified property that was assessed at the time the work was conducted. Activities at the property subsequent to Stantec's assessment may have significantly altered the property's condition. Stantec cannot comment on other areas of the property that were not assessed.

Conclusions made within this report consist of Stantec's professional opinion as of the time of the writing of this report and are based solely on the scope of work described in the report, the limited data available and the results of the work. They are not a certification of the property's environmental condition. This report should not be construed as legal advice.

This report has been prepared for the exclusive use of the client identified herein and any use by any third party is prohibited. Stantec assumes no responsibility for losses, damages, liabilities or claims, howsoever arising, from third party use of this report.

This report is limited by the following:

- Stantec spent only a limited amount of time on the property, and thus is not aware of any activities conducted on the property prior to or following the site visit.
- The investigation was limited to the analytical program specifically outlined in this report.
- The subsurface investigation was based on borehole locations and conditions may vary between boreholes.

The locations of any utilities, buildings and structures, and property boundaries illustrated in or described within this report, if any, including pole lines, conduits, water mains, sewers and other surface or sub-surface utilities and structures are not guaranteed. Before starting work, the exact location of all such utilities and structures should be confirmed and Stantec assumes no liability for damage to them.

The conclusions are based on the site conditions encountered by Stantec at the time the work was performed at the specific testing and/or sampling locations, and conditions may vary among sampling locations. Factors such as areas of potential concern identified in previous studies, site conditions (e.g., utilities) and cost may have constrained the sampling locations used in this assessment. In addition, analysis has been carried out for only a limited number of chemical parameters, and it should not be inferred that other chemical species are not present. Due to the nature of the investigation and the limited data available, Stantec does not warrant against undiscovered environmental liabilities nor that the sampling results are indicative of the condition of the entire site. As the purpose of this report is to identify site conditions which may pose an environmental risk; the identification of non-environmental risks to structures or people on the site is beyond the scope of this assessment.

Should additional information become available which differs significantly from our understanding of conditions presented in this report, Stantec specifically disclaims any responsibility to update the conclusions in this report.

7.0 REFERENCES

Stantec, 2021a. Phase II Environmental Site Assessment Sampling and Analysis Plan, Community Park Site – Fair Park, 4105 South Fitzhugh Avenue, Dallas, Texas 75210. September 17.

Stantec, 2021b. Master Quality Assurance Project Plan (Revision 0) for Implementation of U.S. EPA Brownfields Assessment Grants at Petroleum and Hazardous Substance Sites, U.S. EPA Cooperative Agreement No. BF-01F87501-0 (dated February 26, 2021).

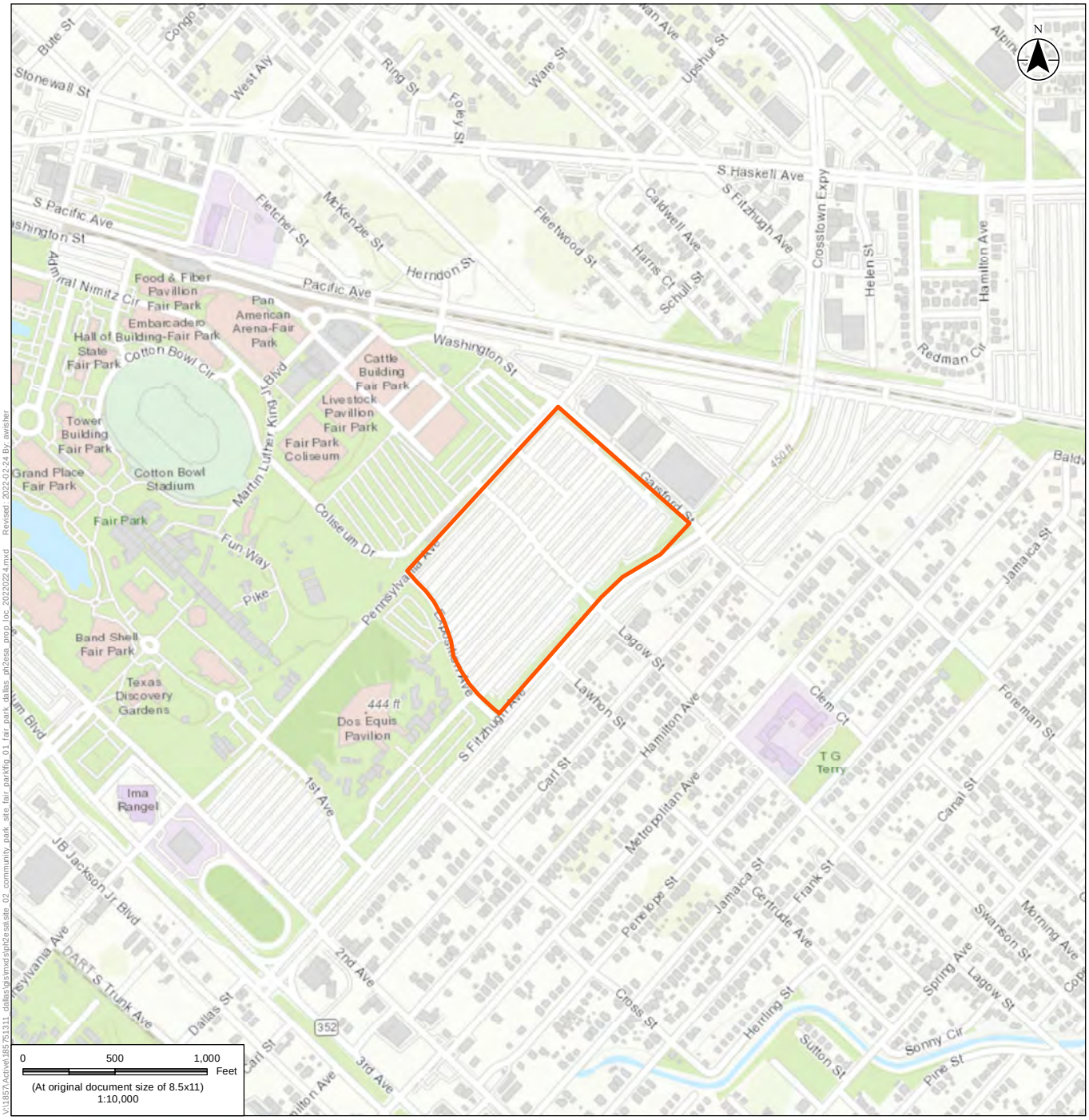
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TCEQ, 2010. Determining Which Releases are Subject to TRRP. Revised November 19.

TCEQ, 2013. Texas Risk Reduction Program Regulatory Guidance (RG-366/TRRP-22), Tiered Development of Human Health PCLs, April 2013.

TCEQ, 2021. Tier 1 Protective Concentrations Levels. Dated January 2021. Retrieved from: TRRP Protective Concentration Levels - Texas Commission on Environmental Quality - www.tceq.texas.gov

FIGURES



V:\1857\Active\185751311_dallas\gis\mxds\ph2esa\site 02_community_park_site_fair_park\fig 01 fair_park_dallas_ph2esa_prop_loc_20220224.mxd Revised: 2022-02-24 By: awisher

Notes

1. Coordinate System: NAD 1983 UTM Zone 14N
2. Data Sources: Dallas City/County GIS
3. Background: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors,

Stantec

Project Location
Community Park Site - Fair Park
4105 South Fitzhugh Avenue
Dallas, Texas 75210

Client/Project 185751311
City of Dallas
EPA Brownfield Coalition Assessment Grant
Phase II Environmental Site Assessment

Title
Property Location Map

Figure No.
1

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Stantec

- Soil Boring Location
- Soil and Groundwater Boring Location
- Texas State Fairgrounds
- Approximate Property Boundary

Notes

1. Coordinate System: NAD 1983 StatePlane Texas North Central FIPS 4202 Feet

2. Background: © 2022 Microsoft Corporation © 2022 Maxar ©CNES (2022) Distribution Airbus DS © 2022 TomTom



Project Location

Community Park Site - Fair Park
4105 South Fitzhugh Avenue
Dallas, Texas 75210

Client/Project 185751311

City of Dallas
EPA Brownfield Coalition Assessment Grant
Phase II Environmental Site Assessment

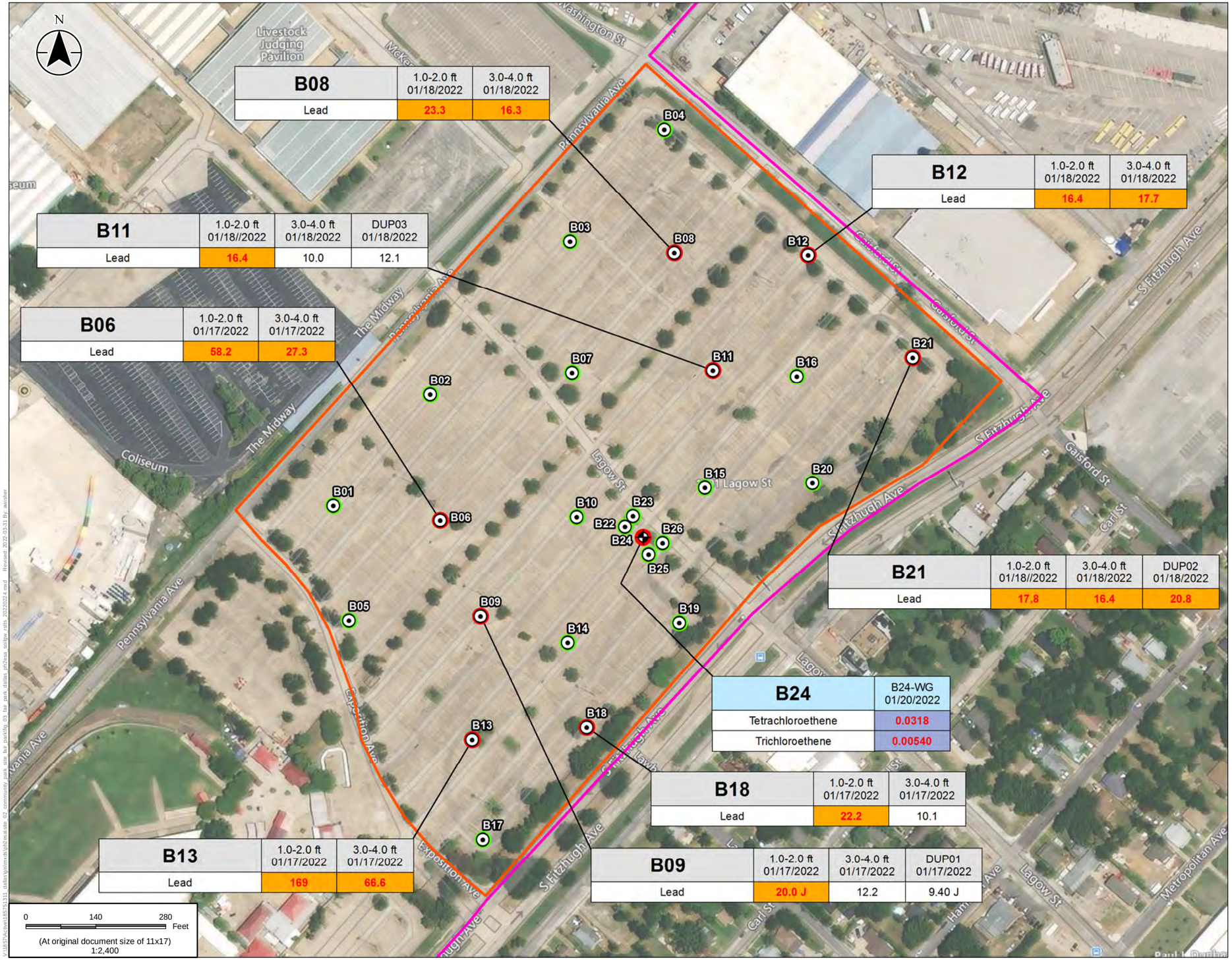
Title

Property Layout and Sampling Locations

Figure No.

2

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Stantec

- Soil Boring Location
- Soil and Groundwater Boring Location
- Soil Parameters Tested Were Below Action Levels
- One or More Soil Parameters Tested Exceed Guidelines
- Concentration Exceeds TSSBC Cleanup Levels
- Concentration Exceeds GWSoilIng PCL Cleanup Levels
- Approximate Property Boundary
- Texas State Fairgrounds

Sample Depth (feet)/ Sample Date

Boring ID

B12	1.0-2.0 ft 01/18/2022	3.0-4.0 ft 01/18/2022
Lead	16.4	17.7

Parameter — Value (mg/kg)

SOIL AND GROUNDWATER CLEANUP STANDARDS FOR SITES IN TEXAS

Parameter	TSSBC (mg/kg)
Lead	15

Parameter	Residential - GWGWIng PCL (mg/L)
Tetrachloroethene	0.005
Trichloroethene	0.005

Notes

1. Coordinate System: NAD 1983 UTM Zone 14N
2. Data Sources:Dallas, TX CAD/GIS
3. Background: © 2022 Microsoft Corporation © 2022 Maxar ©CNES (2022) Distribution Airbus DS © 2022 TomTom
4. J = Result is qualified as estimated, "-" indicates a potential negative bias.
5. mg/kg = milligrams per kilogram
6. mg/L = milligrams per liter
7. TSSBC = Texas-Specific Soil Background Concentrations
8. PCL = Protective Concentration Levels
9. TotGWSoilIngest = This PCL provides the limit for constituents of concern (COCs) in soil to be protective of leaching to a Class 1 or Class 2 aquifer at levels that could pose a risk to human health if groundwater was ingested.

Project Location
Community Park Site - Fair Park
4105 South Fitzhugh Avenue
Dallas, Texas 75210

Client/Project 185705581
City of Dallas
EPA Brownfield Coalition Assessment Grant
Phase II Environmental Site Assessment

Title
Summary of Soil and Groundwater Analytical Results

Figure No.
3

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TABLES

Table 1
Summary of Soil Analytical Results
City of Dallas 2020 CWA Grant
City of Dallas, TX

Sample Location / Sample Date / Sample ID / Sample Depth / Sampling Company / Laboratory / Laboratory Work Order / Sample Type	Units	Texas-Specific Soil Background Concentrations A	Texas Tier 1 PCLs				B01 17-Jan-22 B01(1-2)SO 1 - 2 ft STANTEC DHL 2201122	B02 18-Jan-22 B02(1-2)SO 1 - 2 ft STANTEC DHL 2201122	B03 18-Jan-22 B03(1-2)SO 1 - 2 ft STANTEC DHL 2201122	B04 18-Jan-22 B04(1-2)SO 1 - 2 ft STANTEC DHL 2201122	B05 17-Jan-22 B05(1-2)SO 1 - 2 ft STANTEC DHL 2201122
			Residential		Commercial/Industrial						
			TotSoilComb B	GWSoilng C	TotSoilComb D	GW Soilng E					
Petroleum Hydrocarbons											
C6 - C12 Hydrocarbons	mg/kg	n/v	1,600	65	3,900	190	-	-	-	-	-
>C12 - C28 Hydrocarbons	mg/kg	n/v	2,300	200	12,000	590	-	-	-	-	-
>C28 - C35 Hydrocarbons	mg/kg	n/v	2,300	200	12,000	590	-	-	-	-	-
Total C6 - C35 Hydrocarbons	mg/kg	n/v	n/v	n/v	n/v	n/v	-	-	-	-	-
Metals											
Lead	mg/kg	15	500	3	1,600	3	8.13	3.01	10.5	13.9	7.80
Polycyclic Aromatic Hydrocarbons											
Acenaphthene	mg/kg	n/v	3,000	240	37,000	710	-	-	-	-	-
Acenaphthylene	mg/kg	n/v	3,800	410	37,000	1,200	-	-	-	-	-
Anthracene	mg/kg	n/v	18,000	6,900	190,000	21,000	-	-	-	-	-
Benzo(a)anthracene	mg/kg	n/v	41	130	170	290	-	-	-	-	-
Benzo(a)pyrene	mg/kg	n/v	4.1	7.6	17	7.6	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	n/v	42	440	170	980	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	n/v	1,800	46,000	19,000	140,000	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	n/v	420	4,500	1,700	10,000	-	-	-	-	-
Chrysene	mg/kg	n/v	4,100	11,000	17,000	25,000	-	-	-	-	-
Dibenzo(a,h)anthracene	mg/kg	n/v	4	15	17	160	-	-	-	-	-
Fluoranthene	mg/kg	n/v	2,300	1,900	25,000	5,700	-	-	-	-	-
Fluorene	mg/kg	n/v	2,300	300	25,000	890	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	n/v	42	1,300	170	2,800	-	-	-	-	-
Naphthalene	mg/kg	n/v	220	31	360	93	-	-	-	-	-
Phenanthrene	mg/kg	n/v	1,700	420	19,000	1,200	-	-	-	-	-
Pyrene	mg/kg	n/v	1,700	1,100	19,000	3,300	-	-	-	-	-
Volatile Organic Compounds											
1-Chlorohexane	mg/kg	n/v	2,700	39	14,000	120	-	-	-	-	-
Acetone	mg/kg	n/v	66,000	43	440,000	130	-	-	-	-	-
Benzene	mg/kg	n/v	120	0.026	240	0.026	-	-	-	-	-
Bromobenzene	mg/kg	n/v	390	2.3	1,200	6.9	-	-	-	-	-
Bromodichloromethane	mg/kg	n/v	98	0.36	460	0.36	-	-	-	-	-
Bromoform (Tribromomethane)	mg/kg	n/v	400	0.44	1,000	0.44	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	n/v	39	0.13	79	0.39	-	-	-	-	-
Butylbenzene, n-	mg/kg	n/v	3,300	150	34,000	450	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	mg/kg	n/v	3,300	85	41,000	250	-	-	-	-	-
Butylbenzene, tert-	mg/kg	n/v	3,300	100	41,000	300	-	-	-	-	-
Carbon Disulfide	mg/kg	n/v	4,600	14	13,000	41	-	-	-	-	-
Carbon Tetrachloride (Tetrachloromethane)	mg/kg	n/v	35	0.062	81	0.062	-	-	-	-	-
Chlorobenzene (Monochlorobenzene)	mg/kg	n/v	520	1.1	1,000	1.1	-	-	-	-	-
Chlorobromomethane	mg/kg	n/v	3,300	3	41,000	9.1	-	-	-	-	-
Chloroethane (Ethyl Chloride)	mg/kg	n/v	27,000	31	140,000	92	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	n/v	16	0.33	26	0.33	-	-	-	-	-
Chloromethane	mg/kg	n/v	140	0.41	290	0.91	-	-	-	-	-
Chlorotoluene, 2-	mg/kg	n/v	1,200	9.1	7,800	27	-	-	-	-	-
Chlorotoluene, 4-	mg/kg	n/v	1,600	11	20,000	32	-	-	-	-	-
Cyclohexane	mg/kg	n/v	75,000	5,900	130,000	18,000	-	-	-	-	-
Dibromo-3-Chloropropane, 1,2- (DBCP)	mg/kg	n/v	0.15	0.0017	0.26	0.0017	-	-	-	-	-
Dibromochloromethane	mg/kg	n/v	72	0.36	340	0.36	-	-	-	-	-
Dibromomethane (Methylene Bromide)	mg/kg	n/v	81	1.1	110	2.5	-	-	-	-	-
Dichlorobenzene, 1,2-	mg/kg	n/v	720	18	1,100	18	-	-	-	-	-
Dichlorobenzene, 1,3-	mg/kg	n/v	120	6.7	170	20	-	-	-	-	-
Dichlorobenzene, 1,4-	mg/kg	n/v	250	2.1	1,200	2.1	-	-	-	-	-
Dichlorodifluoromethane (Freon 12)	mg/kg	n/v	1,400	240	2,100	720	-	-	-	-	-
Dichloroethane, 1,1-	mg/kg	n/v	11,000	18	41,000	55	-	-	-	-	-
Dichloroethane, 1,2-	mg/kg	n/v	41	0.014	110	0.014	-	-	-	-	-
Dichloroethene, 1,1-	mg/kg	n/v	2,300	0.05	6,400	0.05	-	-	-	-	-
Dichloroethene, cis-1,2-	mg/kg	n/v	140	0.25	790	0.25	-	-	-	-	-
Dichloroethene, trans-1,2-	mg/kg	n/v	590	0.49	1,200	0.49	-	-	-	-	-
Dichloropropane, 1,2-	mg/kg	n/v	61	0.023	86	0.023	-	-	-	-	-
Dichloropropane, 1,3-	mg/kg	n/v	36	0.064	99	0.14	-	-	-	-	-
Dichloropropane, 2,2-	mg/kg	n/v	61	0.12	86	0.27	-	-	-	-	-
Dichloropropene, 1,1-	mg/kg	n/v	36	0.13	99	0.3	-	-	-	-	-
Dichloropropene, cis-1,3-	mg/kg	n/v	8	0.0066	53	0.015	-	-	-	-	-
Dichloropropene, trans-1,3-	mg/kg	n/v	36	0.036	99	0.08	-	-	-	-	-
Ethylbenzene	mg/kg	n/v	6,400	7.6	29,000	7.6	-	-	-	-	-
Ethylene Dibromide (Dibromoethane, 1,2-)	mg/kg	n/v	2.5	0.00021	8.7	0.00021	-	-	-	-	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	mg/kg	n/v	20	3.3	41	7.4	-	-	-	-	-
Hexanone, 2- (Methyl Butyl Ketone)	mg/kg	n/v	270	0.32	940	0.96	-	-	-	-	-
Isopropylbenzene	mg/kg	n/v	4,300	350	11,000	1,000	-	-	-	-	-
Isopropyltoluene, p- (Cymene)	mg/kg	n/v	8,200	230	100,000	690	-	-	-	-	-
Methyl Acetate	mg/kg	n/v	82,000	49	1,000,000	150	-	-	-	-	-
Methyl Ethyl Ketone (MEK) (2-Butanone)	mg/kg	n/v	40,000	29	190,000	87	-	-	-	-	-
Methyl Isobutyl Ketone (MIBK)	mg/kg	n/v	5,900	4.9	41,000	15	-	-	-	-	-
Methyl tert-butyl ether (MTBE)	mg/kg	n/v	800	0.62	2,000	1.9	-	-	-	-	-
Methylcyclohexane	mg/kg	n/v	41,000	16,000	64,000	46,000	-	-	-	-	-
Methylene Chloride (Dichloromethane)	mg/kg	n/v	1,600	0.013	12,000	0.013	-	-	-	-	-
Naphthalene	mg/kg	n/v	220	31	360	93	-	-	-	-	-
Propylbenzene, n-	mg/kg	n/v	2,200	45	7,300	130	-	-	-	-	-
Styrene	mg/kg	n/v	6,700	3.3	15,000	3.3	-	-	-	-	-
Tetrachloroethane, 1,1,1,2-	mg/kg	n/v	65	1.4	130	3.2	-	-	-	-	-
Tetrachloroethane, 1,1,2,2-	mg/kg	n/v	30	0.023	140	0.052	-	-	-	-	-
Tetrachloroethene (PCE)	mg/kg	n/v	710	0.05	1,400	0.05	-	-	-	-	-
Toluene	mg/kg	n/v	5,900	8.2	42,000	8.2	-	-	-	-	-
Trichlorobenzene, 1,2,3-	mg/kg	n/v	120	26	350	79	-	-	-	-	-
Trichlorobenzene, 1,2,4-	mg/kg	n/v	120	4.8	200	4.8	-	-	-	-	-
Trichloroethane, 1,1,1-	mg/kg	n/v	53,000	1.6	100,000	1.6	-	-	-	-	-
Trichloroethane, 1,1,2-	mg/kg	n/v	18	0.02	35	0.02	-	-	-	-	-
Trichloroethene (TCE)	mg/kg	n/v	18	0.034	40	0.034	-	-	-	-	-
Trichlorofluoromethane (Freon 11)	mg/kg	n/v	25,000	130	310,000	380	-	-	-	-	-
Trichloropropane, 1,2,3-	mg/kg	n/v	0.2	0.00053	0.95	0.0012	-	-	-	-	-
Trichlorotrifluoroethane (Freon 113)	mg/kg	n/v	74,000	80,000	110,000	240,000	-	-	-	-	-
Trimethylbenzene, 1,2,4-	mg/kg	n/v	1,600	33	4,900	99	-	-	-	-	-
Trimethylbenzene, 1,3,5-	mg/kg	n/v	1,500	36	4,300	110	-	-	-	-	-
Vinyl Chloride	mg/kg	n/v	3.7	0.022	15	0.022	-	-	-	-	-
Xylene, m-	mg/kg	n/v	8,900	110	13,000	110	-	-	-	-	-
Xylene, o-	mg/kg	n/v	48,000	71	91,000	71	-	-	-	-	-
Xylenes, Total	mg/kg	n/v	6,000	120	12,000	120	-	-	-	-	-

See notes on last page.

Table 1
Summary of Soil Analytical Results
City of Dallas 2020 CWA Grant
City of Dallas, TX

Sample Location							B06		B07	B08	
Sample Date		Texas-Specific Soil Background Concentrations	Texas Tier 1 PCLs				17-Jan-22	17-Jan-22	18-Jan-22	18-Jan-22	18-Jan-22
Sample ID							B06(1-2)SO	B06(3-4)SO	B07(1-2)SO	B08(1-2)SO	B08(3-4)SO
Sample Depth							1 - 2 ft	3 - 4 ft	1 - 2 ft	1 - 2 ft	3 - 4 ft
Sampling Company							STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory							DHL	DHL	DHL	DHL	DHL
Laboratory Work Order							2201122	2201122	2201122	2201122	2201122
			Residential		Commercial/Industrial						
Sample Type	Units	A	TotSoilComb B	GWSoilng C	TotSoilComb D	GW Soilng E					
Petroleum Hydrocarbons											
C6 - C12 Hydrocarbons	mg/kg	n/v	1,600	65	3,900	190	-	-	-	-	-
>C12 - C28 Hydrocarbons	mg/kg	n/v	2,300	200	12,000	590	-	-	-	-	-
>C28 - C35 Hydrocarbons	mg/kg	n/v	2,300	200	12,000	590	-	-	-	-	-
Total C6 - C35 Hydrocarbons	mg/kg	n/v	n/v	n/v	n/v	n/v	-	-	-	-	-
Metals											
Lead	mg/kg	15	500	3	1,600	3	**58.2**	**27.3**	11.4	**23.3**	**16.3**
Polycyclic Aromatic Hydrocarbons											
Acenaphthene	mg/kg	n/v	3,000	240	37,000	710	-	-	-	-	-
Acenaphthylene	mg/kg	n/v	3,800	410	37,000	1,200	-	-	-	-	-
Anthracene	mg/kg	n/v	18,000	6,900	190,000	21,000	-	-	-	-	-
Benzo(a)anthracene	mg/kg	n/v	41	130	170	290	-	-	-	-	-
Benzo(a)pyrene	mg/kg	n/v	4.1	7.6	17	7.6	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	n/v	42	440	170	980	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	n/v	1,800	46,000	19,000	140,000	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	n/v	420	4,500	1,700	10,000	-	-	-	-	-
Chrysene	mg/kg	n/v	4,100	11,000	17,000	25,000	-	-	-	-	-
Dibenzo(a,h)anthracene	mg/kg	n/v	4	15	17	160	-	-	-	-	-
Fluoranthene	mg/kg	n/v	2,300	1,900	25,000	5,700	-	-	-	-	-
Fluorene	mg/kg	n/v	2,300	300	25,000	890	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	n/v	42	1,300	170	2,800	-	-	-	-	-
Naphthalene	mg/kg	n/v	220	31	360	93	-	-	-	-	-
Phenanthrene	mg/kg	n/v	1,700	420	19,000	1,200	-	-	-	-	-
Pyrene	mg/kg	n/v	1,700	1,100	19,000	3,300	-	-	-	-	-
Volatile Organic Compounds											
1-Chlorohexane	mg/kg	n/v	2,700	39	14,000	120	-	-	-	-	-
Acetone	mg/kg	n/v	66,000	43	440,000	130	-	-	-	-	-
Benzene	mg/kg	n/v	120	0.026	240	0.026	-	-	-	-	-
Bromobenzene	mg/kg	n/v	390	2.3	1,200	6.9	-	-	-	-	-
Bromodichloromethane	mg/kg	n/v	98	0.36	460	0.36	-	-	-	-	-
Bromoform (Tribromomethane)	mg/kg	n/v	400	0.44	1,000	0.44	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	n/v	39	0.13	79	0.39	-	-	-	-	-
Butylbenzene, n-	mg/kg	n/v	3,300	150	34,000	450	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	mg/kg	n/v	3,300	85	41,000	250	-	-	-	-	-
Butylbenzene, tert-	mg/kg	n/v	3,300	100	41,000	300	-	-	-	-	-
Carbon Disulfide	mg/kg	n/v	4,600	14	13,000	41	-	-	-	-	-
Carbon Tetrachloride (Tetrachloromethane)	mg/kg	n/v	35	0.062	81	0.062	-	-	-	-	-
Chlorobenzene (Monochlorobenzene)	mg/kg	n/v	520	1.1	1,000	1.1	-	-	-	-	-
Chlorobromomethane	mg/kg	n/v	3,300	3	41,000	9.1	-	-	-	-	-
Chloroethane (Ethyl Chloride)	mg/kg	n/v	27,000	31	140,000	92	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	n/v	16	0.33	26	0.33	-	-	-	-	-
Chloromethane	mg/kg	n/v	140	0.41	290	0.91	-	-	-	-	-
Chlorotoluene, 2-	mg/kg	n/v	1,200	9.1	7,800	27	-	-	-	-	-
Chlorotoluene, 4-	mg/kg	n/v	1,600	11	20,000	32	-	-	-	-	-
Cyclohexane	mg/kg	n/v	75,000	5,900	130,000	18,000	-	-	-	-	-
Dibromo-3-Chloropropane, 1,2- (DBCP)	mg/kg	n/v	0.15	0.0017	0.26	0.0017	-	-	-	-	-
Dibromochloromethane	mg/kg	n/v	72	0.36	340	0.36	-	-	-	-	-
Dibromomethane (Methylene Bromide)	mg/kg	n/v	81	1.1	110	2.5	-	-	-	-	-
Dichlorobenzene, 1,2-	mg/kg	n/v	720	18	1,100	18	-	-	-	-	-
Dichlorobenzene, 1,3-	mg/kg	n/v	120	6.7	170	20	-	-	-	-	-
Dichlorobenzene, 1,4-	mg/kg	n/v	250	2.1	1,200	2.1	-	-	-	-	-
Dichlorodifluoromethane (Freon 12)	mg/kg	n/v	1,400	240	2,100	720	-	-	-	-	-
Dichloroethane, 1,1-	mg/kg	n/v	11,000	18	41,000	55	-	-	-	-	-
Dichloroethane, 1,2-	mg/kg	n/v	41	0.014	110	0.014	-	-	-	-	-
Dichloroethene, 1,1-	mg/kg	n/v	2,300	0.05	6,400	0.05	-	-	-	-	-
Dichloroethene, cis-1,2-	mg/kg	n/v	140	0.25	790	0.25	-	-	-	-	-
Dichloroethene, trans-1,2-	mg/kg	n/v	590	0.49	1,200	0.49	-	-	-	-	-
Dichloropropane, 1,2-	mg/kg	n/v	61	0.023	86	0.023	-	-	-	-	-
Dichloropropane, 1,3-	mg/kg	n/v	36	0.064	99	0.14	-	-	-	-	-
Dichloropropane, 2,2-	mg/kg	n/v	61	0.12	86	0.27	-	-	-	-	-
Dichloropropene, 1,1-	mg/kg	n/v	36	0.13	99	0.3	-	-	-	-	-
Dichloropropene, cis-1,3-	mg/kg	n/v	8	0.0066	53	0.015	-	-	-	-	-
Dichloropropene, trans-1,3-	mg/kg	n/v	36	0.036	99	0.08	-	-	-	-	-
Ethylbenzene	mg/kg	n/v	6,400	7.6	29,000	7.6	-	-	-	-	-
Ethylene Dibromide (Dibromoethane, 1,2-)	mg/kg	n/v	2.5	0.00021	8.7	0.00021	-	-	-	-	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	mg/kg	n/v	20	3.3	41	7.4	-	-	-	-	-
Hexanone, 2- (Methyl Butyl Ketone)	mg/kg	n/v	270	0.32	940	0.96	-	-	-	-	-
Isopropylbenzene	mg/kg	n/v	4,300	350	11,000	1,000	-	-	-	-	-
Isopropyltoluene, p- (Cymene)	mg/kg	n/v	8,200	230	100,000	690	-	-	-	-	-
Methyl Acetate	mg/kg	n/v	82,000	49	1,000,000	150	-	-	-	-	-
Methyl Ethyl Ketone (MEK) (2-Butanone)	mg/kg	n/v	40,000	29	190,000	87	-	-	-	-	-
Methyl Isobutyl Ketone (MIBK)	mg/kg	n/v	5,900	4.9	41,000	15	-	-	-	-	-
Methyl tert-butyl ether (MTBE)	mg/kg	n/v	800	0.62	2,000	1.9	-	-	-	-	-
Methylcyclohexane	mg/kg	n/v	41,000	16,000	64,000	46,000	-	-	-	-	-
Methylene Chloride (Dichloromethane)	mg/kg	n/v	1,600	0.013	12,000	0.013	-	-	-	-	-
Naphthalene	mg/kg	n/v	220	31	360	93	-	-	-	-	-
Propylbenzene, n-	mg/kg	n/v	2,200	45	7,300	130	-	-	-	-	-
Styrene	mg/kg	n/v	6,700	3.3	15,000	3.3	-	-	-	-	-
Tetrachloroethane, 1,1,1,2-	mg/kg	n/v	65	1.4	130	3.2	-	-	-	-	-
Tetrachloroethane, 1,1,2,2-	mg/kg	n/v	30	0.023	140	0.052	-	-	-	-	-
Tetrachloroethene (PCE)	mg/kg	n/v	710	0.05	1,400	0.05	-	-	-	-	-
Toluene	mg/kg	n/v	5,900	8.2	42,000	8.2	-	-	-	-	-
Trichlorobenzene, 1,2,3-	mg/kg	n/v	120	26	350	79	-	-	-	-	-
Trichlorobenzene, 1,2,4-	mg/kg	n/v	120	4.8	200	4.8	-	-	-	-	-
Trichloroethane, 1,1,1-	mg/kg	n/v	53,000	1.6	100,000	1.6	-	-	-	-	-
Trichloroethane, 1,1,2-	mg/kg	n/v	18	0.02	35	0.02	-	-	-	-	-
Trichloroethene (TCE)	mg/kg	n/v	18	0.034	40	0.034	-	-	-	-	-
Trichlorofluoromethane (Freon 11)	mg/kg	n/v	25,000	130	310,000	380	-	-	-	-	-
Trichloropropane, 1,2,3-	mg/kg	n/v	0.2	0.00053	0.95	0.0012	-	-	-	-	-
Trichlorotrifluoroethane (Freon 113)	mg/kg	n/v	74,000	80,000	110,000	240,000	-	-	-	-	-
Trimethylbenzene, 1,2,4-	mg/kg	n/v	1,600	33	4,900	99	-	-	-	-	-
Trimethylbenzene, 1,3,5-	mg/kg	n/v	1,500	36	4,300	110	-	-	-	-	-
Vinyl Chloride	mg/kg	n/v	3.7	0.022	15	0.022	-	-	-	-	-
Xylene, m-	mg/kg	n/v	8,900	110	13,000	110	-	-	-	-	-
Xylene, o-	mg/kg	n/v	48,000	71	91,000	71	-	-	-	-	-
Xylenes, Total	mg/kg	n/v	6,000	120	12,000	120	-	-	-	-	-

See notes on last page.

Table 1
Summary of Soil Analytical Results
City of Dallas 2020 CWA Grant
City of Dallas, TX

Sample Location								B09		B10
Sample Date							17-Jan-22	17-Jan-22	17-Jan-22	17-Jan-22
Sample ID							B09(1-2)SO	DUP01	B09(3-4)SO	B10(1-2)SO
Sample Depth							1 - 2 ft	1 - 2 ft	3 - 4 ft	1 - 2 ft
Sampling Company							STANTEC	STANTEC	STANTEC	STANTEC
Laboratory							DHL	DHL	DHL	DHL
Laboratory Work Order							2201122	2201122	2201122	2201122
Sample Type	Units	Texas-Specific Soil Background Concentrations	Texas Tier 1 PCLs					Field Duplicate		
			Residential		Commercial/Industrial					
		A	TotSoilComb B	GWSoilng C	TotSoilComb D	GW Soilng E				
Petroleum Hydrocarbons										
C6 - C12 Hydrocarbons	mg/kg	n/v	1,600	65	3,900	190	-	-	-	-
>C12 - C28 Hydrocarbons	mg/kg	n/v	2,300	200	12,000	590	-	-	-	-
>C28 - C35 Hydrocarbons	mg/kg	n/v	2,300	200	12,000	590	-	-	-	-
Total C6 - C35 Hydrocarbons	mg/kg	n/v	n/v	n/v	n/v	n/v	-	-	-	-
Metals										
Lead	mg/kg	15	500	3	1,600	3	**20.0 J**	9.40 J	12.2	7.80
Polycyclic Aromatic Hydrocarbons										
Acenaphthene	mg/kg	n/v	3,000	240	37,000	710	<0.00622	-	-	<0.00559
Acenaphthylene	mg/kg	n/v	3,800	410	37,000	1,200	<0.00622	-	-	<0.00559
Anthracene	mg/kg	n/v	18,000	6,900	190,000	21,000	<0.00622	-	-	<0.00559
Benzo(a)anthracene	mg/kg	n/v	41	130	170	290	<0.00622	-	-	<0.00559
Benzo(a)pyrene	mg/kg	n/v	4.1	7.6	17	7.6	0.00662 J	-	-	<0.00559
Benzo(b)fluoranthene	mg/kg	n/v	42	440	170	980	<0.00622	-	-	<0.00559
Benzo(g,h,i)perylene	mg/kg	n/v	1,800	46,000	19,000	140,000	<0.00622	-	-	<0.00559
Benzo(k)fluoranthene	mg/kg	n/v	420	4,500	1,700	10,000	<0.00622	-	-	<0.00559
Chrysene	mg/kg	n/v	4,100	11,000	17,000	25,000	<0.00622	-	-	<0.00559
Dibenzo(a,h)anthracene	mg/kg	n/v	4	15	17	160	<0.00622	-	-	<0.00559
Fluoranthene	mg/kg	n/v	2,300	1,900	25,000	5,700	<0.00622	-	-	<0.00559
Fluorene	mg/kg	n/v	2,300	300	25,000	890	<0.00622	-	-	<0.00559
Indeno(1,2,3-cd)pyrene	mg/kg	n/v	42	1,300	170	2,800	<0.00622	-	-	<0.00559
Naphthalene	mg/kg	n/v	220	31	360	93	<0.00622	-	-	<0.00559
Phenanthrene	mg/kg	n/v	1,700	420	19,000	1,200	<0.00622	-	-	<0.00559
Pyrene	mg/kg	n/v	1,700	1,100	19,000	3,300	<0.00622	-	-	<0.00559
Volatile Organic Compounds										
1-Chlorohexane	mg/kg	n/v	2,700	39	14,000	120	-	-	-	-
Acetone	mg/kg	n/v	66,000	43	440,000	130	-	-	-	-
Benzene	mg/kg	n/v	120	0.026	240	0.026	-	-	-	-
Bromobenzene	mg/kg	n/v	390	2.3	1,200	6.9	-	-	-	-
Bromodichloromethane	mg/kg	n/v	98	0.36	460	0.36	-	-	-	-
Bromoform (Tribromomethane)	mg/kg	n/v	400	0.44	1,000	0.44	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	n/v	39	0.13	79	0.39	-	-	-	-
Butylbenzene, n-	mg/kg	n/v	3,300	150	34,000	450	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	mg/kg	n/v	3,300	85	41,000	250	-	-	-	-
Butylbenzene, tert-	mg/kg	n/v	3,300	100	41,000	300	-	-	-	-
Carbon Disulfide	mg/kg	n/v	4,600	14	13,000	41	-	-	-	-
Carbon Tetrachloride (Tetrachloromethane)	mg/kg	n/v	35	0.062	81	0.062	-	-	-	-
Chlorobenzene (Monochlorobenzene)	mg/kg	n/v	520	1.1	1,000	1.1	-	-	-	-
Chlorobromomethane	mg/kg	n/v	3,300	3	41,000	9.1	-	-	-	-
Chloroethane (Ethyl Chloride)	mg/kg	n/v	27,000	31	140,000	92	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	n/v	16	0.33	26	0.33	-	-	-	-
Chloromethane	mg/kg	n/v	140	0.41	290	0.91	-	-	-	-
Chlorotoluene, 2-	mg/kg	n/v	1,200	9.1	7,800	27	-	-	-	-
Chlorotoluene, 4-	mg/kg	n/v	1,600	11	20,000	32	-	-	-	-
Cyclohexane	mg/kg	n/v	75,000	5,900	130,000	18,000	-	-	-	-
Dibromo-3-Chloropropane, 1,2- (DBCP)	mg/kg	n/v	0.15	0.0017	0.26	0.0017	-	-	-	-
Dibromochloromethane	mg/kg	n/v	72	0.36	340	0.36	-	-	-	-
Dibromomethane (Methylene Bromide)	mg/kg	n/v	81	1.1	110	2.5	-	-	-	-
Dichlorobenzene, 1,2-	mg/kg	n/v	720	18	1,100	18	-	-	-	-
Dichlorobenzene, 1,3-	mg/kg	n/v	120	6.7	170	20	-	-	-	-
Dichlorobenzene, 1,4-	mg/kg	n/v	250	2.1	1,200	2.1	-	-	-	-
Dichlorodifluoromethane (Freon 12)	mg/kg	n/v	1,400	240	2,100	720	-	-	-	-
Dichloroethane, 1,1-	mg/kg	n/v	11,000	18	41,000	55	-	-	-	-
Dichloroethane, 1,2-	mg/kg	n/v	41	0.014	110	0.014	-	-	-	-
Dichloroethene, 1,1-	mg/kg	n/v	2,300	0.05	6,400	0.05	-	-	-	-
Dichloroethene, cis-1,2-	mg/kg	n/v	140	0.25	790	0.25	-	-	-	-
Dichloroethene, trans-1,2-	mg/kg	n/v	590	0.49	1,200	0.49	-	-	-	-
Dichloropropane, 1,2-	mg/kg	n/v	61	0.023	86	0.023	-	-	-	-
Dichloropropane, 1,3-	mg/kg	n/v	36	0.064	99	0.14	-	-	-	-
Dichloropropane, 2,2-	mg/kg	n/v	61	0.12	86	0.27	-	-	-	-
Dichloropropene, 1,1-	mg/kg	n/v	36	0.13	99	0.3	-	-	-	-
Dichloropropene, cis-1,3-	mg/kg	n/v	8	0.0066	53	0.015	-	-	-	-
Dichloropropene, trans-1,3-	mg/kg	n/v	36	0.036	99	0.08	-	-	-	-
Ethylbenzene	mg/kg	n/v	6,400	7.6	29,000	7.6	-	-	-	-
Ethylene Dibromide (Dibromoethane, 1,2-)	mg/kg	n/v	2.5	0.00021	8.7	0.00021	-	-	-	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	mg/kg	n/v	20	3.3	41	7.4	-	-	-	-
Hexanone, 2- (Methyl Butyl Ketone)	mg/kg	n/v	270	0.32	940	0.96	-	-	-	-
Isopropylbenzene	mg/kg	n/v	4,300	350	11,000	1,000	-	-	-	-
Isopropyltoluene, p- (Cymene)	mg/kg	n/v	8,200	230	100,000	690	-	-	-	-
Methyl Acetate	mg/kg	n/v	82,000	49	1,000,000	150	-	-	-	-
Methyl Ethyl Ketone (MEK) (2-Butanone)	mg/kg	n/v	40,000	29	190,000	87	-	-	-	-
Methyl Isobutyl Ketone (MIBK)	mg/kg	n/v	5,900	4.9	41,000	15	-	-	-	-
Methyl tert-butyl ether (MTBE)	mg/kg	n/v	800	0.62	2,000	1.9	-	-	-	-
Methylcyclohexane	mg/kg	n/v	41,000	16,000	64,000	46,000	-	-	-	-
Methylene Chloride (Dichloromethane)	mg/kg	n/v	1,600	0.013	12,000	0.013	-	-	-	-
Naphthalene	mg/kg	n/v	220	31	360	93	-	-	-	-
Propylbenzene, n-	mg/kg	n/v	2,200	45	7,300	130	-	-	-	-
Styrene	mg/kg	n/v	6,700	3.3	15,000	3.3	-	-	-	-
Tetrachloroethane, 1,1,1,2-	mg/kg	n/v	65	1.4	130	3.2	-	-	-	-
Tetrachloroethane, 1,1,2,2-	mg/kg	n/v	30	0.023	140	0.052	-	-	-	-
Tetrachloroethene (PCE)	mg/kg	n/v	710	0.05	1,400	0.05	-	-	-	-
Toluene	mg/kg	n/v	5,900	8.2	42,000	8.2	-	-	-	-
Trichlorobenzene, 1,2,3-	mg/kg	n/v	120	26	350	79	-	-	-	-
Trichlorobenzene, 1,2,4-	mg/kg	n/v	120	4.8	200	4.8	-	-	-	-
Trichloroethane, 1,1,1-	mg/kg	n/v	53,000	1.6	100,000	1.6	-	-	-	-
Trichloroethane, 1,1,2-	mg/kg	n/v	18	0.02	35	0.02	-	-	-	-
Trichloroethene (TCE)	mg/kg	n/v	18	0.034	40	0.034	-	-	-	-
Trichlorofluoromethane (Freon 11)	mg/kg	n/v	25,000	130	310,000	380	-	-	-	-
Trichloropropane, 1,2,3-	mg/kg	n/v	0.2	0.00053	0.95	0.0012	-	-	-	-
Trichlorotrifluoroethane (Freon 113)	mg/kg	n/v	74,000	80,000	110,000	240,000	-	-	-	-
Trimethylbenzene, 1,2,4-	mg/kg	n/v	1,600	33	4,900	99	-	-	-	-
Trimethylbenzene, 1,3,5-	mg/kg	n/v	1,500	36	4,300	110	-	-	-	-
Vinyl Chloride	mg/kg	n/v	3.7	0.022	15	0.022	-	-	-	-
Xylene, m-	mg/kg	n/v	8,900	110	13,000	110	-	-	-	-
Xylene, o-	mg/kg	n/v	48,000	71	91,000	71	-	-	-	-
Xylenes, Total	mg/kg	n/v	6,000	120	12,000	120	-	-	-	-

See notes on last page.

Table 1
Summary of Soil Analytical Results
City of Dallas 2020 CWA Grant
City of Dallas, TX

Sample Location							B11			B12	
Sample Date		Texas-Specific Soil Background Concentrations	Texas Tier 1 PCLs				18-Jan-22	18-Jan-22	18-Jan-22	18-Jan-22	18-Jan-22
Sample ID							B11(1-2)SO	DUP03	B11(3-4)SO	B12(1-2)SO	B12(3-4)SO
Sample Depth							1 - 2 ft	1 - 2 ft	3 - 4 ft	1 - 2 ft	3 - 4 ft
Sampling Company							STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory							DHL	DHL	DHL	DHL	DHL
Laboratory Work Order							2201122	2201122	2201122	2201122	2201122
Sample Type	Units		Residential		Commercial/Industrial			Field Duplicate			
		A	TotSoilComb B	GWSoilng C	TotSoilComb D	GW Soilng E					
Petroleum Hydrocarbons											
C6 - C12 Hydrocarbons	mg/kg	n/v	1,600	65	3,900	190	-	-	-	-	-
>C12 - C28 Hydrocarbons	mg/kg	n/v	2,300	200	12,000	590	-	-	-	-	-
>C28 - C35 Hydrocarbons	mg/kg	n/v	2,300	200	12,000	590	-	-	-	-	-
Total C6 - C35 Hydrocarbons	mg/kg	n/v	n/v	n/v	n/v	n/v	-	-	-	-	-
Metals											
Lead	mg/kg	15	500	3	1,600	3	**16.4**	12.1	10.0	**16.4**	**17.7**
Polycyclic Aromatic Hydrocarbons											
Acenaphthene	mg/kg	n/v	3,000	240	37,000	710	-	-	-	-	-
Acenaphthylene	mg/kg	n/v	3,800	410	37,000	1,200	-	-	-	-	-
Anthracene	mg/kg	n/v	18,000	6,900	190,000	21,000	-	-	-	-	-
Benzo(a)anthracene	mg/kg	n/v	41	130	170	290	-	-	-	-	-
Benzo(a)pyrene	mg/kg	n/v	4.1	7.6	17	7.6	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	n/v	42	440	170	980	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	n/v	1,800	46,000	19,000	140,000	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	n/v	420	4,500	1,700	10,000	-	-	-	-	-
Chrysene	mg/kg	n/v	4,100	11,000	17,000	25,000	-	-	-	-	-
Dibenzo(a,h)anthracene	mg/kg	n/v	4	15	17	160	-	-	-	-	-
Fluoranthene	mg/kg	n/v	2,300	1,900	25,000	5,700	-	-	-	-	-
Fluorene	mg/kg	n/v	2,300	300	25,000	890	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	n/v	42	1,300	170	2,800	-	-	-	-	-
Naphthalene	mg/kg	n/v	220	31	360	93	-	-	-	-	-
Phenanthrene	mg/kg	n/v	1,700	420	19,000	1,200	-	-	-	-	-
Pyrene	mg/kg	n/v	1,700	1,100	19,000	3,300	-	-	-	-	-
Volatile Organic Compounds											
1-Chlorohexane	mg/kg	n/v	2,700	39	14,000	120	-	-	-	-	-
Acetone	mg/kg	n/v	66,000	43	440,000	130	-	-	-	-	-
Benzene	mg/kg	n/v	120	0.026	240	0.026	-	-	-	-	-
Bromobenzene	mg/kg	n/v	390	2.3	1,200	6.9	-	-	-	-	-
Bromodichloromethane	mg/kg	n/v	98	0.36	460	0.36	-	-	-	-	-
Bromoform (Tribromomethane)	mg/kg	n/v	400	0.44	1,000	0.44	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	n/v	39	0.13	79	0.39	-	-	-	-	-
Butylbenzene, n-	mg/kg	n/v	3,300	150	34,000	450	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	mg/kg	n/v	3,300	85	41,000	250	-	-	-	-	-
Butylbenzene, tert-	mg/kg	n/v	3,300	100	41,000	300	-	-	-	-	-
Carbon Disulfide	mg/kg	n/v	4,600	14	13,000	41	-	-	-	-	-
Carbon Tetrachloride (Tetrachloromethane)	mg/kg	n/v	35	0.062	81	0.062	-	-	-	-	-
Chlorobenzene (Monochlorobenzene)	mg/kg	n/v	520	1.1	1,000	1.1	-	-	-	-	-
Chlorobromomethane	mg/kg	n/v	3,300	3	41,000	9.1	-	-	-	-	-
Chloroethane (Ethyl Chloride)	mg/kg	n/v	27,000	31	140,000	92	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	n/v	16	0.33	26	0.33	-	-	-	-	-
Chloromethane	mg/kg	n/v	140	0.41	290	0.91	-	-	-	-	-
Chlorotoluene, 2-	mg/kg	n/v	1,200	9.1	7,800	27	-	-	-	-	-
Chlorotoluene, 4-	mg/kg	n/v	1,600	11	20,000	32	-	-	-	-	-
Cyclohexane	mg/kg	n/v	75,000	5,900	130,000	18,000	-	-	-	-	-
Dibromo-3-Chloropropane, 1,2- (DBCP)	mg/kg	n/v	0.15	0.0017	0.26	0.0017	-	-	-	-	-
Dibromochloromethane	mg/kg	n/v	72	0.36	340	0.36	-	-	-	-	-
Dibromomethane (Methylene Bromide)	mg/kg	n/v	81	1.1	110	2.5	-	-	-	-	-
Dichlorobenzene, 1,2-	mg/kg	n/v	720	18	1,100	18	-	-	-	-	-
Dichlorobenzene, 1,3-	mg/kg	n/v	120	6.7	170	20	-	-	-	-	-
Dichlorobenzene, 1,4-	mg/kg	n/v	250	2.1	1,200	2.1	-	-	-	-	-
Dichlorodifluoromethane (Freon 12)	mg/kg	n/v	1,400	240	2,100	720	-	-	-	-	-
Dichloroethane, 1,1-	mg/kg	n/v	11,000	18	41,000	55	-	-	-	-	-
Dichloroethane, 1,2-	mg/kg	n/v	41	0.014	110	0.014	-	-	-	-	-
Dichloroethene, 1,1-	mg/kg	n/v	2,300	0.05	6,400	0.05	-	-	-	-	-
Dichloroethene, cis-1,2-	mg/kg	n/v	140	0.25	790	0.25	-	-	-	-	-
Dichloroethene, trans-1,2-	mg/kg	n/v	590	0.49	1,200	0.49	-	-	-	-	-
Dichloropropane, 1,2-	mg/kg	n/v	61	0.023	86	0.023	-	-	-	-	-
Dichloropropane, 1,3-	mg/kg	n/v	36	0.064	99	0.14	-	-	-	-	-
Dichloropropane, 2,2-	mg/kg	n/v	61	0.12	86	0.27	-	-	-	-	-
Dichloropropene, 1,1-	mg/kg	n/v	36	0.13	99	0.3	-	-	-	-	-
Dichloropropene, cis-1,3-	mg/kg	n/v	8	0.0066	53	0.015	-	-	-	-	-
Dichloropropene, trans-1,3-	mg/kg	n/v	36	0.036	99	0.08	-	-	-	-	-
Ethylbenzene	mg/kg	n/v	6,400	7.6	29,000	7.6	-	-	-	-	-
Ethylene Dibromide (Dibromoethane, 1,2-)	mg/kg	n/v	2.5	0.00021	8.7	0.00021	-	-	-	-	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	mg/kg	n/v	20	3.3	41	7.4	-	-	-	-	-
Hexanone, 2- (Methyl Butyl Ketone)	mg/kg	n/v	270	0.32	940	0.96	-	-	-	-	-
Isopropylbenzene	mg/kg	n/v	4,300	350	11,000	1,000	-	-	-	-	-
Isopropyltoluene, p- (Cymene)	mg/kg	n/v	8,200	230	100,000	690	-	-	-	-	-
Methyl Acetate	mg/kg	n/v	82,000	49	1,000,000	150	-	-	-	-	-
Methyl Ethyl Ketone (MEK) (2-Butanone)	mg/kg	n/v	40,000	29	190,000	87	-	-	-	-	-
Methyl Isobutyl Ketone (MIBK)	mg/kg	n/v	5,900	4.9	41,000	15	-	-	-	-	-
Methyl tert-butyl ether (MTBE)	mg/kg	n/v	800	0.62	2,000	1.9	-	-	-	-	-
Methylcyclohexane	mg/kg	n/v	41,000	16,000	64,000	46,000	-	-	-	-	-
Methylene Chloride (Dichloromethane)	mg/kg	n/v	1,600	0.013	12,000	0.013	-	-	-	-	-
Naphthalene	mg/kg	n/v	220	31	360	93	-	-	-	-	-
Propylbenzene, n-	mg/kg	n/v	2,200	45	7,300	130	-	-	-	-	-
Styrene	mg/kg	n/v	6,700	3.3	15,000	3.3	-	-	-	-	-
Tetrachloroethane, 1,1,1,2-	mg/kg	n/v	65	1.4	130	3.2	-	-	-	-	-
Tetrachloroethane, 1,1,2,2-	mg/kg	n/v	30	0.023	140	0.052	-	-	-	-	-
Tetrachloroethene (PCE)	mg/kg	n/v	710	0.05	1,400	0.05	-	-	-	-	-
Toluene	mg/kg	n/v	5,900	8.2	42,000	8.2	-	-	-	-	-
Trichlorobenzene, 1,2,3-	mg/kg	n/v	120	26	350	79	-	-	-	-	-
Trichlorobenzene, 1,2,4-	mg/kg	n/v	120	4.8	200	4.8	-	-	-	-	-
Trichloroethane, 1,1,1-	mg/kg	n/v	53,000	1.6	100,000	1.6	-	-	-	-	-
Trichloroethane, 1,1,2-	mg/kg	n/v	18	0.02	35	0.02	-	-	-	-	-
Trichloroethene (TCE)	mg/kg	n/v	18	0.034	40	0.034	-	-	-	-	-
Trichlorofluoromethane (Freon 11)	mg/kg	n/v	25,000	130	310,000	380	-	-	-	-	-
Trichloropropane, 1,2,3-	mg/kg	n/v	0.2	0.00053	0.95	0.0012	-	-	-	-	-
Trichlorotrifluoroethane (Freon 113)	mg/kg	n/v	74,000	80,000	110,000	240,000	-	-	-	-	-
Trimethylbenzene, 1,2,4-	mg/kg	n/v	1,600	33	4,900	99	-	-	-	-	-
Trimethylbenzene, 1,3,5-	mg/kg	n/v	1,500	36	4,300	110	-	-	-	-	-
Vinyl Chloride	mg/kg	n/v	3.7	0.022	15	0.022	-	-	-	-	-
Xylene, m-	mg/kg	n/v	8,900	110	13,000	110	-	-	-	-	-
Xylene, o-	mg/kg	n/v	48,000	71	91,000	71	-	-	-	-	-
Xylenes, Total	mg/kg	n/v	6,000	120	12,000	120	-	-	-	-	-

See notes on last page.

Table 1
Summary of Soil Analytical Results
City of Dallas 2020 CWA Grant
City of Dallas, TX

Sample Location							B13		B14	B15	
Sample Date		Texas-Specific Soil Background Concentrations	Texas Tier 1 PCLs				17-Jan-22	17-Jan-22	17-Jan-22	18-Jan-22	18-Jan-22
Sample ID							B13(1-2)SO	B13(3-4)SO	B14(1-2)SO	B15(1-2)SO	DUP04
Sample Depth							1 - 2 ft	3 - 4 ft	1 - 2 ft	1 - 2 ft	1 - 2 ft
Sampling Company							STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory							DHL	DHL	DHL	DHL	DHL
Laboratory Work Order							2201122	2201122	2201122	2201122	2201122
Sample Type	Units		Residential		Commercial/Industrial						Field Duplicate
			TotSoilComb B	GWSoilng C	TotSoilComb D	GW Soilng E					
Petroleum Hydrocarbons											
C6 - C12 Hydrocarbons	mg/kg	n/v	1,600	65	3,900	190	-	-	-	-	-
>C12 - C28 Hydrocarbons	mg/kg	n/v	2,300	200	12,000	590	-	-	-	-	-
>C28 - C35 Hydrocarbons	mg/kg	n/v	2,300	200	12,000	590	-	-	-	-	-
Total C6 - C35 Hydrocarbons	mg/kg	n/v	n/v	n/v	n/v	n/v	-	-	-	-	-
Metals											
Lead	mg/kg	15	500	3	1,600	3	**169**	**66.6**	11.8	13.8	14.2
Polycyclic Aromatic Hydrocarbons											
Acenaphthene	mg/kg	n/v	3,000	240	37,000	710	-	-	-	-	-
Acenaphthylene	mg/kg	n/v	3,800	410	37,000	1,200	-	-	-	-	-
Anthracene	mg/kg	n/v	18,000	6,900	190,000	21,000	-	-	-	-	-
Benzo(a)anthracene	mg/kg	n/v	41	130	170	290	-	-	-	-	-
Benzo(a)pyrene	mg/kg	n/v	4.1	7.6	17	7.6	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	n/v	42	440	170	980	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	n/v	1,800	46,000	19,000	140,000	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	n/v	420	4,500	1,700	10,000	-	-	-	-	-
Chrysene	mg/kg	n/v	4,100	11,000	17,000	25,000	-	-	-	-	-
Dibenzo(a,h)anthracene	mg/kg	n/v	4	15	17	160	-	-	-	-	-
Fluoranthene	mg/kg	n/v	2,300	1,900	25,000	5,700	-	-	-	-	-
Fluorene	mg/kg	n/v	2,300	300	25,000	890	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	n/v	42	1,300	170	2,800	-	-	-	-	-
Naphthalene	mg/kg	n/v	220	31	360	93	-	-	-	-	-
Phenanthrene	mg/kg	n/v	1,700	420	19,000	1,200	-	-	-	-	-
Pyrene	mg/kg	n/v	1,700	1,100	19,000	3,300	-	-	-	-	-
Volatile Organic Compounds											
1-Chlorohexane	mg/kg	n/v	2,700	39	14,000	120	-	-	-	-	-
Acetone	mg/kg	n/v	66,000	43	440,000	130	-	-	-	-	-
Benzene	mg/kg	n/v	120	0.026	240	0.026	-	-	-	-	-
Bromobenzene	mg/kg	n/v	390	2.3	1,200	6.9	-	-	-	-	-
Bromodichloromethane	mg/kg	n/v	98	0.36	460	0.36	-	-	-	-	-
Bromoform (Tribromomethane)	mg/kg	n/v	400	0.44	1,000	0.44	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	n/v	39	0.13	79	0.39	-	-	-	-	-
Butylbenzene, n-	mg/kg	n/v	3,300	150	34,000	450	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	mg/kg	n/v	3,300	85	41,000	250	-	-	-	-	-
Butylbenzene, tert-	mg/kg	n/v	3,300	100	41,000	300	-	-	-	-	-
Carbon Disulfide	mg/kg	n/v	4,600	14	13,000	41	-	-	-	-	-
Carbon Tetrachloride (Tetrachloromethane)	mg/kg	n/v	35	0.062	81	0.062	-	-	-	-	-
Chlorobenzene (Monochlorobenzene)	mg/kg	n/v	520	1.1	1,000	1.1	-	-	-	-	-
Chlorobromomethane	mg/kg	n/v	3,300	3	41,000	9.1	-	-	-	-	-
Chloroethane (Ethyl Chloride)	mg/kg	n/v	27,000	31	140,000	92	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	n/v	16	0.33	26	0.33	-	-	-	-	-
Chloromethane	mg/kg	n/v	140	0.41	290	0.91	-	-	-	-	-
Chlorotoluene, 2-	mg/kg	n/v	1,200	9.1	7,800	27	-	-	-	-	-
Chlorotoluene, 4-	mg/kg	n/v	1,600	11	20,000	32	-	-	-	-	-
Cyclohexane	mg/kg	n/v	75,000	5,900	130,000	18,000	-	-	-	-	-
Dibromo-3-Chloropropane, 1,2- (DBCP)	mg/kg	n/v	0.15	0.0017	0.26	0.0017	-	-	-	-	-
Dibromochloromethane	mg/kg	n/v	72	0.36	340	0.36	-	-	-	-	-
Dibromomethane (Methylene Bromide)	mg/kg	n/v	81	1.1	110	2.5	-	-	-	-	-
Dichlorobenzene, 1,2-	mg/kg	n/v	720	18	1,100	18	-	-	-	-	-
Dichlorobenzene, 1,3-	mg/kg	n/v	120	6.7	170	20	-	-	-	-	-
Dichlorobenzene, 1,4-	mg/kg	n/v	250	2.1	1,200	2.1	-	-	-	-	-
Dichlorodifluoromethane (Freon 12)	mg/kg	n/v	1,400	240	2,100	720	-	-	-	-	-
Dichloroethane, 1,1-	mg/kg	n/v	11,000	18	41,000	55	-	-	-	-	-
Dichloroethane, 1,2-	mg/kg	n/v	41	0.014	110	0.014	-	-	-	-	-
Dichloroethene, 1,1-	mg/kg	n/v	2,300	0.05	6,400	0.05	-	-	-	-	-
Dichloroethene, cis-1,2-	mg/kg	n/v	140	0.25	790	0.25	-	-	-	-	-
Dichloroethene, trans-1,2-	mg/kg	n/v	590	0.49	1,200	0.49	-	-	-	-	-
Dichloropropane, 1,2-	mg/kg	n/v	61	0.023	86	0.023	-	-	-	-	-
Dichloropropane, 1,3-	mg/kg	n/v	36	0.064	99	0.14	-	-	-	-	-
Dichloropropane, 2,2-	mg/kg	n/v	61	0.12	86	0.27	-	-	-	-	-
Dichloropropene, 1,1-	mg/kg	n/v	36	0.13	99	0.3	-	-	-	-	-
Dichloropropene, cis-1,3-	mg/kg	n/v	8	0.0066	53	0.015	-	-	-	-	-
Dichloropropene, trans-1,3-	mg/kg	n/v	36	0.036	99	0.08	-	-	-	-	-
Ethylbenzene	mg/kg	n/v	6,400	7.6	29,000	7.6	-	-	-	-	-
Ethylene Dibromide (Dibromoethane, 1,2-)	mg/kg	n/v	2.5	0.00021	8.7	0.00021	-	-	-	-	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	mg/kg	n/v	20	3.3	41	7.4	-	-	-	-	-
Hexanone, 2- (Methyl Butyl Ketone)	mg/kg	n/v	270	0.32	940	0.96	-	-	-	-	-
Isopropylbenzene	mg/kg	n/v	4,300	350	11,000	1,000	-	-	-	-	-
Isopropyltoluene, p- (Cymene)	mg/kg	n/v	8,200	230	100,000	690	-	-	-	-	-
Methyl Acetate	mg/kg	n/v	82,000	49	1,000,000	150	-	-	-	-	-
Methyl Ethyl Ketone (MEK) (2-Butanone)	mg/kg	n/v	40,000	29	190,000	87	-	-	-	-	-
Methyl Isobutyl Ketone (MIBK)	mg/kg	n/v	5,900	4.9	41,000	15	-	-	-	-	-
Methyl tert-butyl ether (MTBE)	mg/kg	n/v	800	0.62	2,000	1.9	-	-	-	-	-
Methylcyclohexane	mg/kg	n/v	41,000	16,000	64,000	46,000	-	-	-	-	-
Methylene Chloride (Dichloromethane)	mg/kg	n/v	1,600	0.013	12,000	0.013	-	-	-	-	-
Naphthalene	mg/kg	n/v	220	31	360	93	-	-	-	-	-
Propylbenzene, n-	mg/kg	n/v	2,200	45	7,300	130	-	-	-	-	-
Styrene	mg/kg	n/v	6,700	3.3	15,000	3.3	-	-	-	-	-
Tetrachloroethane, 1,1,1,2-	mg/kg	n/v	65	1.4	130	3.2	-	-	-	-	-
Tetrachloroethane, 1,1,2,2-	mg/kg	n/v	30	0.023	140	0.052	-	-	-	-	-
Tetrachloroethene (PCE)	mg/kg	n/v	710	0.05	1,400	0.05	-	-	-	-	-
Toluene	mg/kg	n/v	5,900	8.2	42,000	8.2	-	-	-	-	-
Trichlorobenzene, 1,2,3-	mg/kg	n/v	120	26	350	79	-	-	-	-	-
Trichlorobenzene, 1,2,4-	mg/kg	n/v	120	4.8	200	4.8	-	-	-	-	-
Trichloroethane, 1,1,1-	mg/kg	n/v	53,000	1.6	100,000	1.6	-	-	-	-	-
Trichloroethane, 1,1,2-	mg/kg	n/v	18	0.02	35	0.02	-	-	-	-	-
Trichloroethene (TCE)	mg/kg	n/v	18	0.034	40	0.034	-	-	-	-	-
Trichlorofluoromethane (Freon 11)	mg/kg	n/v	25,000	130	310,000	380	-	-	-	-	-
Trichloropropane, 1,2,3-	mg/kg	n/v	0.2	0.00053	0.95	0.0012	-	-	-	-	-
Trichlorotrifluoroethane (Freon 113)	mg/kg	n/v	74,000	80,000	110,000	240,000	-	-	-	-	-
Trimethylbenzene, 1,2,4-	mg/kg	n/v	1,600	33	4,900	99	-	-	-	-	-
Trimethylbenzene, 1,3,5-	mg/kg	n/v	1,500	36	4,300	110	-	-	-	-	-
Vinyl Chloride	mg/kg	n/v	3.7	0.022	15	0.022	-	-	-	-	-
Xylene, m-	mg/kg	n/v	8,900	110	13,000	110	-	-	-	-	-
Xylene, o-	mg/kg	n/v	48,000	71	91,000	71	-	-	-	-	-
Xylenes, Total	mg/kg	n/v	6,000	120	12,000	120	-	-	-	-	-

See notes on last page.

Table 1
Summary of Soil Analytical Results
City of Dallas 2020 CWA Grant
City of Dallas, TX

Sample Location							B16	B17	B18		B19
Sample Date							18-Jan-22	17-Jan-22	17-Jan-22	17-Jan-22	17-Jan-22
Sample ID							B16(1-2)SO	B17(1-2)SO	B18(1-2)SO	B18(3-4)SO	B19(1-2)SO
Sample Depth							1 - 2 ft	1 - 2 ft	1 - 2 ft	3 - 4 ft	1 - 2 ft
Sampling Company							STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory							DHL	DHL	DHL	DHL	DHL
Laboratory Work Order							2201122	2201122	2201122	2201122	2201122
Sample Type	Units	Texas-Specific Soil Background Concentrations	Texas Tier 1 PCLs								
			Residential		Commercial/Industrial						
		A	TotSoilComb B	GWSoilIng C	TotSoilComb D	GW SoilIng E					
Petroleum Hydrocarbons											
C6 - C12 Hydrocarbons	mg/kg	n/v	1,600	65	3,900	190	-	-	-	-	-
>C12 - C28 Hydrocarbons	mg/kg	n/v	2,300	200	12,000	590	-	-	-	-	-
>C28 - C35 Hydrocarbons	mg/kg	n/v	2,300	200	12,000	590	-	-	-	-	-
Total C6 - C35 Hydrocarbons	mg/kg	n/v	n/v	n/v	n/v	n/v	-	-	-	-	-
Metals											
Lead	mg/kg	15	500	3	1,600	3	11.4	7.10	**22.2**	10.1	5.33
Polycyclic Aromatic Hydrocarbons											
Acenaphthene	mg/kg	n/v	3,000	240	37,000	710	-	<0.00566	-	-	-
Acenaphthylene	mg/kg	n/v	3,800	410	37,000	1,200	-	<0.00566	-	-	-
Anthracene	mg/kg	n/v	18,000	6,900	190,000	21,000	-	<0.00566	-	-	-
Benzo(a)anthracene	mg/kg	n/v	41	130	170	290	-	<0.00566	-	-	-
Benzo(a)pyrene	mg/kg	n/v	4.1	7.6	17	7.6	-	<0.00566	-	-	-
Benzo(b)fluoranthene	mg/kg	n/v	42	440	170	980	-	<0.00566	-	-	-
Benzo(g,h,i)perylene	mg/kg	n/v	1,800	46,000	19,000	140,000	-	<0.00566	-	-	-
Benzo(k)fluoranthene	mg/kg	n/v	420	4,500	1,700	10,000	-	<0.00566	-	-	-
Chrysene	mg/kg	n/v	4,100	11,000	17,000	25,000	-	<0.00566	-	-	-
Dibenzo(a,h)anthracene	mg/kg	n/v	4	15	17	160	-	<0.00566	-	-	-
Fluoranthene	mg/kg	n/v	2,300	1,900	25,000	5,700	-	<0.00566	-	-	-
Fluorene	mg/kg	n/v	2,300	300	25,000	890	-	<0.00566	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	n/v	42	1,300	170	2,800	-	<0.00566	-	-	-
Naphthalene	mg/kg	n/v	220	31	360	93	-	<0.00566	-	-	-
Phenanthrene	mg/kg	n/v	1,700	420	19,000	1,200	-	<0.00566	-	-	-
Pyrene	mg/kg	n/v	1,700	1,100	19,000	3,300	-	<0.00566	-	-	-
Volatile Organic Compounds											
1-Chlorohexane	mg/kg	n/v	2,700	39	14,000	120	-	-	-	-	-
Acetone	mg/kg	n/v	66,000	43	440,000	130	-	-	-	-	-
Benzene	mg/kg	n/v	120	0.026	240	0.026	-	-	-	-	-
Bromobenzene	mg/kg	n/v	390	2.3	1,200	6.9	-	-	-	-	-
Bromodichloromethane	mg/kg	n/v	98	0.36	460	0.36	-	-	-	-	-
Bromoform (Tribromomethane)	mg/kg	n/v	400	0.44	1,000	0.44	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	n/v	39	0.13	79	0.39	-	-	-	-	-
Butylbenzene, n-	mg/kg	n/v	3,300	150	34,000	450	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	mg/kg	n/v	3,300	85	41,000	250	-	-	-	-	-
Butylbenzene, tert-	mg/kg	n/v	3,300	100	41,000	300	-	-	-	-	-
Carbon Disulfide	mg/kg	n/v	4,600	14	13,000	41	-	-	-	-	-
Carbon Tetrachloride (Tetrachloromethane)	mg/kg	n/v	35	0.062	81	0.062	-	-	-	-	-
Chlorobenzene (Monochlorobenzene)	mg/kg	n/v	520	1.1	1,000	1.1	-	-	-	-	-
Chlorobromomethane	mg/kg	n/v	3,300	3	41,000	9.1	-	-	-	-	-
Chloroethane (Ethyl Chloride)	mg/kg	n/v	27,000	31	140,000	92	-	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	n/v	16	0.33	26	0.33	-	-	-	-	-
Chloromethane	mg/kg	n/v	140	0.41	290	0.91	-	-	-	-	-
Chlorotoluene, 2-	mg/kg	n/v	1,200	9.1	7,800	27	-	-	-	-	-
Chlorotoluene, 4-	mg/kg	n/v	1,600	11	20,000	32	-	-	-	-	-
Cyclohexane	mg/kg	n/v	75,000	5,900	130,000	18,000	-	-	-	-	-
Dibromo-3-Chloropropane, 1,2- (DBCP)	mg/kg	n/v	0.15	0.0017	0.26	0.0017	-	-	-	-	-
Dibromochloromethane	mg/kg	n/v	72	0.36	340	0.36	-	-	-	-	-
Dibromomethane (Methylene Bromide)	mg/kg	n/v	81	1.1	110	2.5	-	-	-	-	-
Dichlorobenzene, 1,2-	mg/kg	n/v	720	18	1,100	18	-	-	-	-	-
Dichlorobenzene, 1,3-	mg/kg	n/v	120	6.7	170	20	-	-	-	-	-
Dichlorobenzene, 1,4-	mg/kg	n/v	250	2.1	1,200	2.1	-	-	-	-	-
Dichlorodifluoromethane (Freon 12)	mg/kg	n/v	1,400	240	2,100	720	-	-	-	-	-
Dichloroethane, 1,1-	mg/kg	n/v	11,000	18	41,000	55	-	-	-	-	-
Dichloroethane, 1,2-	mg/kg	n/v	41	0.014	110	0.014	-	-	-	-	-
Dichloroethene, 1,1-	mg/kg	n/v	2,300	0.05	6,400	0.05	-	-	-	-	-
Dichloroethene, cis-1,2-	mg/kg	n/v	140	0.25	790	0.25	-	-	-	-	-
Dichloroethene, trans-1,2-	mg/kg	n/v	590	0.49	1,200	0.49	-	-	-	-	-
Dichloropropane, 1,2-	mg/kg	n/v	61	0.023	86	0.023	-	-	-	-	-
Dichloropropane, 1,3-	mg/kg	n/v	36	0.064	99	0.14	-	-	-	-	-
Dichloropropane, 2,2-	mg/kg	n/v	61	0.12	86	0.27	-	-	-	-	-
Dichloropropene, 1,1-	mg/kg	n/v	36	0.13	99	0.3	-	-	-	-	-
Dichloropropene, cis-1,3-	mg/kg	n/v	8	0.0066	53	0.015	-	-	-	-	-
Dichloropropene, trans-1,3-	mg/kg	n/v	36	0.036	99	0.08	-	-	-	-	-
Ethylbenzene	mg/kg	n/v	6,400	7.6	29,000	7.6	-	-	-	-	-
Ethylene Dibromide (Dibromoethane, 1,2-)	mg/kg	n/v	2.5	0.00021	8.7	0.00021	-	-	-	-	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	mg/kg	n/v	20	3.3	41	7.4	-	-	-	-	-
Hexanone, 2- (Methyl Butyl Ketone)	mg/kg	n/v	270	0.32	940	0.96	-	-	-	-	-
Isopropylbenzene	mg/kg	n/v	4,300	350	11,000	1,000	-	-	-	-	-
Isopropyltoluene, p- (Cymene)	mg/kg	n/v	8,200	230	100,000	690	-	-	-	-	-
Methyl Acetate	mg/kg	n/v	82,000	49	1,000,000	150	-	-	-	-	-
Methyl Ethyl Ketone (MEK) (2-Butanone)	mg/kg	n/v	40,000	29	190,000	87	-	-	-	-	-
Methyl Isobutyl Ketone (MIBK)	mg/kg	n/v	5,900	4.9	41,000	15	-	-	-	-	-
Methyl tert-butyl ether (MTBE)	mg/kg	n/v	800	0.62	2,000	1.9	-	-	-	-	-
Methylcyclohexane	mg/kg	n/v	41,000	16,000	64,000	46,000	-	-	-	-	-
Methylene Chloride (Dichloromethane)	mg/kg	n/v	1,600	0.013	12,000	0.013	-	-	-	-	-
Naphthalene	mg/kg	n/v	220	31	360	93	-	-	-	-	-
Propylbenzene, n-	mg/kg	n/v	2,200	45	7,300	130	-	-	-	-	-
Styrene	mg/kg	n/v	6,700	3.3	15,000	3.3	-	-	-	-	-
Tetrachloroethane, 1,1,1,2-	mg/kg	n/v	65	1.4	130	3.2	-	-	-	-	-
Tetrachloroethane, 1,1,2,2-	mg/kg	n/v	30	0.023	140	0.052	-	-	-	-	-
Tetrachloroethene (PCE)	mg/kg	n/v	710	0.05	1,400	0.05	-	-	-	-	-
Toluene	mg/kg	n/v	5,900	8.2	42,000	8.2	-	-	-	-	-
Trichlorobenzene, 1,2,3-	mg/kg	n/v	120	26	350	79	-	-	-	-	-
Trichlorobenzene, 1,2,4-	mg/kg	n/v	120	4.8	200	4.8	-	-	-	-	-
Trichloroethane, 1,1,1-	mg/kg	n/v	53,000	1.6	100,000	1.6	-	-	-	-	-
Trichloroethane, 1,1,2-	mg/kg	n/v	18	0.02	35	0.02	-	-	-	-	-
Trichloroethene (TCE)	mg/kg	n/v	18	0.034	40	0.034	-	-	-	-	-
Trichlorofluoromethane (Freon 11)	mg/kg	n/v	25,000	130	310,000	380	-	-	-	-	-
Trichloropropane, 1,2,3-	mg/kg	n/v	0.2	0.00053	0.95	0.0012	-	-	-	-	-
Trichlorotrifluoroethane (Freon 113)	mg/kg	n/v	74,000	80,000	110,000	240,000	-	-	-	-	-
Trimethylbenzene, 1,2,4-	mg/kg	n/v	1,600	33	4,900	99	-	-	-	-	-
Trimethylbenzene, 1,3,5-	mg/kg	n/v	1,500	36	4,300	110	-	-	-	-	-
Vinyl Chloride	mg/kg	n/v	3.7	0.022	15	0.022	-	-	-	-	-
Xylene, m-	mg/kg	n/v	8,900	110	13,000	110	-	-	-	-	-
Xylene, o-	mg/kg	n/v	48,000	71	91,000	71	-	-	-	-	-
Xylenes, Total	mg/kg	n/v	6,000	120	12,000	120	-	-	-	-	-

See notes on last page.

Table 1
Summary of Soil Analytical Results
City of Dallas 2020 CWA Grant
City of Dallas, TX

Sample Location							B20	B21		
Sample Date							18-Jan-22	18-Jan-22	18-Jan-22	18-Jan-22
Sample ID							B20(1-2)SO	B21(1-2)SO	DUP02	B21(3-4)SO
Sample Depth							1 - 2 ft	1 - 2 ft	1 - 2 ft	3 - 4 ft
Sampling Company							STANTEC	STANTEC	STANTEC	STANTEC
Laboratory							DHL	DHL	DHL	DHL
Laboratory Work Order							2201122	2201122	2201122	2201122
Sample Type	Units	Texas-Specific Soil Background Concentrations	Texas Tier 1 PCLs						Field Duplicate	
			Residential		Commercial/Industrial					
		A	TotSoilComb B	GWSoilIng C	TotSoilComb D	GW SoilIng E				
Petroleum Hydrocarbons										
C6 - C12 Hydrocarbons	mg/kg	n/v	1,600	65	3,900	190	-	-	-	-
>C12 - C28 Hydrocarbons	mg/kg	n/v	2,300	200	12,000	590	-	-	-	-
>C28 - C35 Hydrocarbons	mg/kg	n/v	2,300	200	12,000	590	-	-	-	-
Total C6 - C35 Hydrocarbons	mg/kg	n/v	n/v	n/v	n/v	n/v	-	-	-	-
Metals										
Lead	mg/kg	15	500	3	1,600	3	12.6 J+	**17.8**	**20.8**	**16.4**
Polycyclic Aromatic Hydrocarbons										
Acenaphthene	mg/kg	n/v	3,000	240	37,000	710	-	-	-	-
Acenaphthylene	mg/kg	n/v	3,800	410	37,000	1,200	-	-	-	-
Anthracene	mg/kg	n/v	18,000	6,900	190,000	21,000	-	-	-	-
Benzo(a)anthracene	mg/kg	n/v	41	130	170	290	-	-	-	-
Benzo(a)pyrene	mg/kg	n/v	4.1	7.6	17	7.6	-	-	-	-
Benzo(b)fluoranthene	mg/kg	n/v	42	440	170	980	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	n/v	1,800	46,000	19,000	140,000	-	-	-	-
Benzo(k)fluoranthene	mg/kg	n/v	420	4,500	1,700	10,000	-	-	-	-
Chrysene	mg/kg	n/v	4,100	11,000	17,000	25,000	-	-	-	-
Dibenzo(a,h)anthracene	mg/kg	n/v	4	15	17	160	-	-	-	-
Fluoranthene	mg/kg	n/v	2,300	1,900	25,000	5,700	-	-	-	-
Fluorene	mg/kg	n/v	2,300	300	25,000	890	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	n/v	42	1,300	170	2,800	-	-	-	-
Naphthalene	mg/kg	n/v	220	31	360	93	-	-	-	-
Phenanthrene	mg/kg	n/v	1,700	420	19,000	1,200	-	-	-	-
Pyrene	mg/kg	n/v	1,700	1,100	19,000	3,300	-	-	-	-
Volatile Organic Compounds										
1-Chlorohexane	mg/kg	n/v	2,700	39	14,000	120	-	-	-	-
Acetone	mg/kg	n/v	66,000	43	440,000	130	-	-	-	-
Benzene	mg/kg	n/v	120	0.026	240	0.026	-	-	-	-
Bromobenzene	mg/kg	n/v	390	2.3	1,200	6.9	-	-	-	-
Bromodichloromethane	mg/kg	n/v	98	0.36	460	0.36	-	-	-	-
Bromoform (Tribromomethane)	mg/kg	n/v	400	0.44	1,000	0.44	-	-	-	-
Bromomethane (Methyl bromide)	mg/kg	n/v	39	0.13	79	0.39	-	-	-	-
Butylbenzene, n-	mg/kg	n/v	3,300	150	34,000	450	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	mg/kg	n/v	3,300	85	41,000	250	-	-	-	-
Butylbenzene, tert-	mg/kg	n/v	3,300	100	41,000	300	-	-	-	-
Carbon Disulfide	mg/kg	n/v	4,600	14	13,000	41	-	-	-	-
Carbon Tetrachloride (Tetrachloromethane)	mg/kg	n/v	35	0.062	81	0.062	-	-	-	-
Chlorobenzene (Monochlorobenzene)	mg/kg	n/v	520	1.1	1,000	1.1	-	-	-	-
Chlorobromomethane	mg/kg	n/v	3,300	3	41,000	9.1	-	-	-	-
Chloroethane (Ethyl Chloride)	mg/kg	n/v	27,000	31	140,000	92	-	-	-	-
Chloroform (Trichloromethane)	mg/kg	n/v	16	0.33	26	0.33	-	-	-	-
Chloromethane	mg/kg	n/v	140	0.41	290	0.91	-	-	-	-
Chlorotoluene, 2-	mg/kg	n/v	1,200	9.1	7,800	27	-	-	-	-
Chlorotoluene, 4-	mg/kg	n/v	1,600	11	20,000	32	-	-	-	-
Cyclohexane	mg/kg	n/v	75,000	5,900	130,000	18,000	-	-	-	-
Dibromo-3-Chloropropane, 1,2- (DBCP)	mg/kg	n/v	0.15	0.0017	0.26	0.0017	-	-	-	-
Dibromochloromethane	mg/kg	n/v	72	0.36	340	0.36	-	-	-	-
Dibromomethane (Methylene Bromide)	mg/kg	n/v	81	1.1	110	2.5	-	-	-	-
Dichlorobenzene, 1,2-	mg/kg	n/v	720	18	1,100	18	-	-	-	-
Dichlorobenzene, 1,3-	mg/kg	n/v	120	6.7	170	20	-	-	-	-
Dichlorobenzene, 1,4-	mg/kg	n/v	250	2.1	1,200	2.1	-	-	-	-
Dichlorodifluoromethane (Freon 12)	mg/kg	n/v	1,400	240	2,100	720	-	-	-	-
Dichloroethane, 1,1-	mg/kg	n/v	11,000	18	41,000	55	-	-	-	-
Dichloroethane, 1,2-	mg/kg	n/v	41	0.014	110	0.014	-	-	-	-
Dichloroethene, 1,1-	mg/kg	n/v	2,300	0.05	6,400	0.05	-	-	-	-
Dichloroethene, cis-1,2-	mg/kg	n/v	140	0.25	790	0.25	-	-	-	-
Dichloroethene, trans-1,2-	mg/kg	n/v	590	0.49	1,200	0.49	-	-	-	-
Dichloropropane, 1,2-	mg/kg	n/v	61	0.023	86	0.023	-	-	-	-
Dichloropropane, 1,3-	mg/kg	n/v	36	0.064	99	0.14	-	-	-	-
Dichloropropane, 2,2-	mg/kg	n/v	61	0.12	86	0.27	-	-	-	-
Dichloropropene, 1,1-	mg/kg	n/v	36	0.13	99	0.3	-	-	-	-
Dichloropropene, cis-1,3-	mg/kg	n/v	8	0.0066	53	0.015	-	-	-	-
Dichloropropene, trans-1,3-	mg/kg	n/v	36	0.036	99	0.08	-	-	-	-
Ethylbenzene	mg/kg	n/v	6,400	7.6	29,000	7.6	-	-	-	-
Ethylene Dibromide (Dibromoethane, 1,2-)	mg/kg	n/v	2.5	0.00021	8.7	0.00021	-	-	-	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	mg/kg	n/v	20	3.3	41	7.4	-	-	-	-
Hexanone, 2- (Methyl Butyl Ketone)	mg/kg	n/v	270	0.32	940	0.96	-	-	-	-
Isopropylbenzene	mg/kg	n/v	4,300	350	11,000	1,000	-	-	-	-
Isopropyltoluene, p- (Cymene)	mg/kg	n/v	8,200	230	100,000	690	-	-	-	-
Methyl Acetate	mg/kg	n/v	82,000	49	1,000,000	150	-	-	-	-
Methyl Ethyl Ketone (MEK) (2-Butanone)	mg/kg	n/v	40,000	29	190,000	87	-	-	-	-
Methyl Isobutyl Ketone (MIBK)	mg/kg	n/v	5,900	4.9	41,000	15	-	-	-	-
Methyl tert-butyl ether (MTBE)	mg/kg	n/v	800	0.62	2,000	1.9	-	-	-	-
Methylcyclohexane	mg/kg	n/v	41,000	16,000	64,000	46,000	-	-	-	-
Methylene Chloride (Dichloromethane)	mg/kg	n/v	1,600	0.013	12,000	0.013	-	-	-	-
Naphthalene	mg/kg	n/v	220	31	360	93	-	-	-	-
Propylbenzene, n-	mg/kg	n/v	2,200	45	7,300	130	-	-	-	-
Styrene	mg/kg	n/v	6,700	3.3	15,000	3.3	-	-	-	-
Tetrachloroethane, 1,1,1,2-	mg/kg	n/v	65	1.4	130	3.2	-	-	-	-
Tetrachloroethane, 1,1,2,2-	mg/kg	n/v	30	0.023	140	0.052	-	-	-	-
Tetrachloroethene (PCE)	mg/kg	n/v	710	0.05	1,400	0.05	-	-	-	-
Toluene	mg/kg	n/v	5,900	8.2	42,000	8.2	-	-	-	-
Trichlorobenzene, 1,2,3-	mg/kg	n/v	120	26	350	79	-	-	-	-
Trichlorobenzene, 1,2,4-	mg/kg	n/v	120	4.8	200	4.8	-	-	-	-
Trichloroethane, 1,1,1-	mg/kg	n/v	53,000	1.6	100,000	1.6	-	-	-	-
Trichloroethane, 1,1,2-	mg/kg	n/v	18	0.02	35	0.02	-	-	-	-
Trichloroethene (TCE)	mg/kg	n/v	18	0.034	40	0.034	-	-	-	-
Trichlorofluoromethane (Freon 11)	mg/kg	n/v	25,000	130	310,000	380	-	-	-	-
Trichloropropane, 1,2,3-	mg/kg	n/v	0.2	0.00053	0.95	0.0012	-	-	-	-
Trichlorotrifluoroethane (Freon 113)	mg/kg	n/v	74,000	80,000	110,000	240,000	-	-	-	-
Trimethylbenzene, 1,2,4-	mg/kg	n/v	1,600	33	4,900	99	-	-	-	-
Trimethylbenzene, 1,3,5-	mg/kg	n/v	1,500	36	4,300	110	-	-	-	-
Vinyl Chloride	mg/kg	n/v	3.7	0.022	15	0.022	-	-	-	-
Xylene, m-	mg/kg	n/v	8,900	110	13,000	110	-	-	-	-
Xylene, o-	mg/kg	n/v	48,000	71	91,000	71	-	-	-	-
Xylenes, Total	mg/kg	n/v	6,000	120	12,000	120	-	-	-	-

See notes on last page.

Table 1
Summary of Soil Analytical Results
City of Dallas 2020 CWA Grant
City of Dallas, TX

Sample Location							B22				B23		
Sample Date		Texas-Specific Soil Background Concentrations	Texas Tier 1 PCLs				19-Jan-22	19-Jan-22	19-Jan-22	19-Jan-22	19-Jan-22	19-Jan-22	19-Jan-22
Sample ID							B22(2-3)SO	DUP05	B22(7-8)SO	B22(10-11)SO	B23(3-4)SO	B23(8-9)SO	B23(11-12)SO
Sample Depth							2 - 3 ft	2 - 3 ft	7 - 8 ft	10 - 11 ft	3 - 4 ft	8 - 9 ft	11 - 12 ft
Sampling Company							STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory							DHL	DHL	DHL	DHL	DHL	DHL	DHL
Laboratory Work Order							2201148	2201148	2201148	2201148	2201148	2201148	2201148
Sample Type								Field Duplicate					
			Residential		Commercial/Industrial								
	Units	A	TotSoilComb B	GWSoilIng C	TotSoilComb D	GW SoilIng E							
Petroleum Hydrocarbons													
C6 - C12 Hydrocarbons	mg/kg	n/v	1,600	65	3,900	190	<15.4	<13.8	<13.5	<14.2	<15.0	<19.5	<15.0
>C12 - C28 Hydrocarbons	mg/kg	n/v	2,300	200	12,000	590	<15.4	<13.8	<13.5	<14.2	<15.0	<19.5	<15.0
>C28 - C35 Hydrocarbons	mg/kg	n/v	2,300	200	12,000	590	<15.4	<13.8	<13.5	<14.2	<15.0	<19.5	<15.0
Total C6 - C35 Hydrocarbons	mg/kg	n/v	n/v	n/v	n/v	n/v	<15.4	<13.8	<13.5	<14.2	<15.0	<19.5	<15.0
Metals													
Lead	mg/kg	15	500	3	1,600	3	8.66	7.31	2.81	3.37	7.05	1.97	3.47
Polycyclic Aromatic Hydrocarbons													
Acenaphthene	mg/kg	n/v	3,000	240	37,000	710	-	-	-	-	-	-	-
Acenaphthylene	mg/kg	n/v	3,800	410	37,000	1,200	-	-	-	-	-	-	-
Anthracene	mg/kg	n/v	18,000	6,900	190,000	21,000	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	n/v	41	130	170	290	-	-	-	-	-	-	-
Benzo(a)pyrene	mg/kg	n/v	4.1	7.6	17	7.6	-	-	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	n/v	42	440	170	980	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	n/v	1,800	46,000	19,000	140,000	-	-	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	n/v	420	4,500	1,700	10,000	-	-	-	-	-	-	-
Chrysene	mg/kg	n/v	4,100	11,000	17,000	25,000	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	mg/kg	n/v	4	15	17	160	-	-	-	-	-	-	-
Fluoranthene	mg/kg	n/v	2,300	1,900	25,000	5,700	-	-	-	-	-	-	-
Fluorene	mg/kg	n/v	2,300	300	25,000	890	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	n/v	42	1,300	170	2,800	-	-	-	-	-	-	-
Naphthalene	mg/kg	n/v	220	31	360	93	-	-	-	-	-	-	-
Phenanthrene	mg/kg	n/v	1,700	420	19,000	1,200	-	-	-	-	-	-	-
Pyrene	mg/kg	n/v	1,700	1,100	19,000	3,300	-	-	-	-	-	-	-
Volatile Organic Compounds													
1-Chlorohexane	mg/kg	n/v	2,700	39	14,000	120	<0.00100	<0.00102	<0.000909	<0.00103	0.00108 UJ	<0.00176	<0.00112
Acetone	mg/kg	n/v	66,000	43	440,000	130	<0.0151	<0.0152	<0.0136	<0.0155	<0.0162	<0.0264	<0.0168
Benzene	mg/kg	n/v	120	0.026	240	0.026	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	<0.00176	<0.00112
Bromobenzene	mg/kg	n/v	390	2.3	1,200	6.9	<0.00100	<0.00102	<0.000909	<0.00103	0.00108 UJ	<0.00176	<0.00112
Bromodichloromethane	mg/kg	n/v	98	0.36	460	0.36	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	<0.00176	<0.00112
Bromoform (Tribromomethane)	mg/kg	n/v	400	0.44	1,000	0.44	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	<0.00176	<0.00112
Bromomethane (Methyl bromide)	mg/kg	n/v	39	0.13	79	0.39	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	<0.00176	<0.00112
Butylbenzene, n-	mg/kg	n/v	3,300	150	34,000	450	<0.00100	<0.00102	<0.000909	<0.00103	0.00108 UJ	<0.00176	<0.00112
Butylbenzene, sec- (2-Phenylbutane)	mg/kg	n/v	3,300	85	41,000	250	<0.00100	<0.00102	<0.000909	<0.00103	0.00108 UJ	<0.00176	<0.00112
Butylbenzene, tert-	mg/kg	n/v	3,300	100	41,000	300	<0.00100	<0.00102	<0.000909	<0.00103	0.00108 UJ	<0.00176	<0.00112
Carbon Disulfide	mg/kg	n/v	4,600	14	13,000	41	<0.00502	<0.00508	<0.00454	<0.00515	<0.00540	<0.00880	<0.00560
Carbon Tetrachloride (Tetrachloromethane)	mg/kg	n/v	35	0.062	81	0.062	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	<0.00176	<0.00112
Chlorobenzene (Monochlorobenzene)	mg/kg	n/v	520	1.1	1,000	1.1	<0.00100	<0.00102	<0.000909	<0.00103	0.00108 UJ	<0.00176	<0.00112
Chlorobromomethane	mg/kg	n/v	3,300	3	41,000	9.1	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	<0.00176	<0.00112
Chloroethane (Ethyl Chloride)	mg/kg	n/v	27,000	31	140,000	92	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	<0.00176	<0.00112
Chloroform (Trichloromethane)	mg/kg	n/v	16	0.33	26	0.33	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	<0.00176	<0.00112
Chloromethane	mg/kg	n/v	140	0.41	290	0.91	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	<0.00176	<0.00112
Chlorotoluene, 2-	mg/kg	n/v	1,200	9.1	7,800	27	<0.00100	<0.00102	<0.000909	<0.00103	0.00108 UJ	<0.00176	<0.00112
Chlorotoluene, 4-	mg/kg	n/v	1,600	11	20,000	32	<0.00100	<0.00102	<0.000909	<0.00103	0.00108 UJ	<0.00176	<0.00112
Cyclohexane	mg/kg	n/v	75,000	5,900	130,000	18,000	<0.00502	<0.00508	<0.00454	<0.00515	<0.00540	<0.00880	<0.00560
Dibromo-3-Chloropropane, 1,2- (DBCP)	mg/kg	n/v	0.15	0.0017	0.26	0.0017	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	***<0.00176***	<0.00112
Dibromochloromethane	mg/kg	n/v	72	0.36	340	0.36	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	<0.00176	<0.00112
Dibromomethane (Methylene Bromide)	mg/kg	n/v	81	1.1	110	2.5	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	<0.00176	<0.00112
Dichlorobenzene, 1,2-	mg/kg	n/v	720	18	1,100	18	<0.00100	<0.00102	<0.000909	<0.00103	0.00108 UJ	<0.00176	<0.00112
Dichlorobenzene, 1,3-	mg/kg	n/v	120	6.7	170	20	<0.00100	<0.00102	<0.000909	<0.00103	0.00108 UJ	<0.00176	<0.00112
Dichlorobenzene, 1,4-	mg/kg	n/v	250	2.1	1,200	2.1	<0.00100	<0.00102	<0.000909	<0.00103	0.00108 UJ	<0.00176	<0.00112
Dichlorodifluoromethane (Freon 12)	mg/kg	n/v	1,400	240	2,100	720	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	<0.00176	<0.00112
Dichloroethane, 1,1-	mg/kg	n/v	11,000	18	41,000	55	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	<0.00176	<0.00112
Dichloroethane, 1,2-	mg/kg	n/v	41	0.014	110	0.014	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	<0.00176	<0.00112
Dichloroethene, 1,1-	mg/kg	n/v	2,300	0.05	6,400	0.05	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	<0.00176	<0.00112
Dichloroethene, cis-1,2-	mg/kg	n/v	140	0.25	790	0.25	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	<0.00176	<0.00112
Dichloroethene, trans-1,2-	mg/kg	n/v	590	0.49	1,200	0.49	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	<0.00176	<0.00112
Dichloropropane, 1,2-	mg/kg	n/v	61	0.023	86	0.023	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	<0.00176	<0.00112
Dichloropropane, 1,3-	mg/kg	n/v	36	0.064	99	0.14	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	<0.00176	<0.00112
Dichloropropane, 2,2-	mg/kg	n/v	61	0.12	86	0.27	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	<0.00176	<0.00112
Dichloropropene, 1,1-	mg/kg	n/v	36	0.13	99	0.3	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	<0.00176	<0.00112
Dichloropropene, cis-1,3-	mg/kg	n/v	8	0.0066	53	0.015	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	<0.00176	<0.00112
Dichloropropene, trans-1,3-	mg/kg	n/v	36	0.036	99	0.08	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	<0.00176	<0.00112
Ethylbenzene	mg/kg	n/v	6,400	7.6	29,000	7.6	<0.00100	<0.00102	<0.000909	<0.00103	0.00108 UJ	<0.00176	<0.00112
Ethylene Dibromide (Dibromoethane, 1,2-)	mg/kg	n/v	2.5	0.00021	8.7	0.00021	***<0.00100***	***<0.00102***	***<0.000909***	***<0.00103***	***<0.00108***	***<0.00176***	***<0.00112***
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	mg/kg	n/v	20	3.3	41	7.4	<0.00100	<0.00102	<0.000909	<0.00103	0.00108 UJ	<0.00176	<0.00112
Hexanone, 2- (Methyl Butyl Ketone)	mg/kg	n/v	270	0.32	940	0.96	<0.00502	<0.00508	<0.00454	<0.00515	<0.00540	<0.00880	<0.00560
Isopropylbenzene	mg/kg	n/v	4,300	350	11,000	1,000	<0.00100	<0.00102	<0.000909	<0.00103	0.00108 UJ	<0.00176	<0.00112
Isopropyltoluene, p- (Cymene)	mg/kg	n/v	8,200	230	100,000	690	<0.00100	<0.00102	<0.000909	<0.00103	0.00108 UJ	<0.00176	<0.00112
Methyl Acetate	mg/kg	n/v	82,000	49	1,000,000	150	<0.00502	<0.00508	<0.00454	<0.00515	<0.00540	<0.00880	<0.00560
Methyl Ethyl Ketone (MEK) (2-Butanone)	mg/kg	n/v	40,000	29	190,000	87	<0.00502	<0.00508	<0.00454	<0.00515	<0.00540	<0.00880	<0.00560
Methyl Isobutyl Ketone (MIBK)	mg/kg	n/v	5,900	4.9	41,000	15	<0.00502	<0.00508	<0.00454	<0.00515	<0.00540	<0.00880	<0.00560
Methyl tert-butyl ether (MTBE)	mg/kg	n/v	800	0.62	2,000	1.9	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	<0.00176	<0.00112
Methylcyclohexane	mg/kg	n/v	41,000	16,000	64,000	46,000	<0.00502	<0.00508	<0.00454	<0.00515	<0.00540	<0.00880	<0.00560
Methylene Chloride (Dichloromethane)	mg/kg	n/v	1,600	0.013	12,000	0.013	<0.00502	<0.00508	<0.00454	<0.00515	<0.00540	<0.00880	<0.00560
Naphthalene	mg/kg	n/v	220	31	360	93	<0.00502	<0.00508	<0.00454	<0.00515	<0.00540	<0.00880	<0.00560
Propylbenzene, n-	mg/kg	n/v	2,200	45	7,300	130	<0.00100	<0.00102	<0.000909	<0.00103	0.00108 UJ	<0.00176	<0.00112
Styrene	mg/kg	n/v	6,700	3.3	15,000	3.3	<0.00100	<0.00102	<0.000909	<0.00103	0.00108 UJ	<0.00176	<0.00112
Tetrachloroethane, 1,1,1,2-	mg/kg	n/v	65	1.4	130	3.2	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	<0.00176	<0.00112
Tetrachloroethane, 1,1,2,2-	mg/kg	n/v	30	0.023	140	0.052	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	<0.00176	<0.00112
Tetrachloroethene (PCE)	mg/kg	n/v	710	0.05	1,400	0.05	<0.00100	<0.00102	<0.000909	<0.00103	0.00108 UJ	<0.00176	<0.00112
Toluene	mg/kg	n/v	5,900	8.2	42,000	8.2	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	<0.00176	<0.00112
Trichlorobenzene, 1,2,3-	mg/kg	n/v	120	26	350	79	<0.00100	<0.00102	<0.000909	<0.00103	0.00108 UJ	<0.00176	<0.00112
Trichlorobenzene, 1,2,4-	mg/kg	n/v	120	4.8	200	4.8	<0.00100	<0.00102	<0.000909	<0.00103	0.00108 UJ	<0.00176	<0.00112
Trichloroethane, 1,1,1-	mg/kg	n/v	53,000	1.6	100,000	1.6	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	<0.00176	<0.00112
Trichloroethane, 1,1,2-	mg/kg	n/v	18	0.02	35	0.02	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	<0.00176	<0.00112
Trichloroethene (TCE)	mg/kg	n/v	18	0.034	40	0.034	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	<0.00176	<0.00112
Trichlorofluoromethane (Freon 11)	mg/kg	n/v	25,000	130	310,000	380	<0.00502	<0.00508	<0.00454	<0.00515	<0.00540	<0.00880	<0.00560
Trichloropropane, 1,2,3-	mg/kg	n/v	0.2	0.00053	0.95	0.0012	***<0.00100***	***<0.00102***	***<0.000909***	***<0.00103***	***<0.00108***	***<0.00176***	***<0.00112***
Trichlorotrifluoroethane (Freon 113)	mg/kg	n/v	74,000	80,000	110,000	240,000	<0.00502	<0.00508	<0.00454	<0.00515	<0.00540	<0.00880	<0.00560
Trimethylbenzene, 1,2,4-	mg/kg	n/v	1,600	33	4,900	99	<0.00100	<0.00102	<0.000909	<0.00103	0.00108 UJ	<0.00176	<0.00112
Trimethylbenzene, 1,3,5-	mg/kg	n/v	1,500	36	4,300	110	<0.00100	<0.00102	<0.000909	<0.00103	0.00108 UJ	<0.00176	<0.00112
Vinyl Chloride	mg/kg	n/v	3.7	0.022	15	0.022	<0.00100	<0.00102	<0.000909	<0.00103	<0.00108	<0.00176	<0.00112
Xylene, m-	mg/kg	n/v	8,900	110	13,000	110	<0.00100	<0.00102	<0.000909	<0.00103	0.00108 UJ	<0.00176	<0.00112
Xylene, o-	mg/kg	n/v	48,000	71	91,000	71	<0.00100	<0.00102	<0.000909	<0.00103	0.00108 UJ	<0.00176	<0.00112
Xylenes, Total	mg/kg	n/v	6,000	120	12,000	120	<0.00100	<0.00102	<0.000909	<0.00103	0.00108 UJ	<0.00176	<0.00112

See notes on last page.

Table 1
Summary of Soil Analytical Results
City of Dallas 2020 CWA Grant
City of Dallas, TX

Sample Location							B24				B25		
Sample Date							19-Jan-22	19-Jan-22	19-Jan-22	19-Jan-22	19-Jan-22	19-Jan-22	19-Jan-22
Sample ID							B24(4-5)SO	DUP06	B24(9-10)SO	B24(11-12)SO	B25(1-2)SO	B25(6-7)SO	B25(12-13)SO
Sample Depth							4 - 5 ft	4 - 5 ft	9 - 10 ft	11 - 12 ft	1 - 2 ft	6 - 7 ft	12 - 13 ft
Sampling Company							STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory							DHL	DHL	DHL	DHL	DHL	DHL	DHL
Laboratory Work Order							2201148	2201148	2201148	2201148	2201148	2201148	2201148
Sample Type	Units	Texas-Specific Soil Background Concentrations	Texas Tier 1 PCLs					Field Duplicate					
			Residential		Commercial/Industrial								
		A	TotSoilComb B	GWSoilng C	TotSoilComb D	GW Soilng E							
Petroleum Hydrocarbons													
C6 - C12 Hydrocarbons	mg/kg	n/v	1,600	65	3,900	190	<17.1	<14.4	<15.3	<15.5	<11.5	<13.4	<13.4
>C12 - C28 Hydrocarbons	mg/kg	n/v	2,300	200	12,000	590	<17.1	<14.4	<15.3	<15.5	<11.5	<13.4	<13.4
>C28 - C35 Hydrocarbons	mg/kg	n/v	2,300	200	12,000	590	<17.1	<14.4	<15.3	<15.5	<11.5	<13.4	<13.4
Total C6 - C35 Hydrocarbons	mg/kg	n/v	n/v	n/v	n/v	n/v	<17.1	<14.4	<15.3	<15.5	<11.5	<13.4	<13.4
Metals													
Lead	mg/kg	15	500	3	1,600	3	6.13	8.10	2.33	2.61	12.4	2.73	2.66
Polycyclic Aromatic Hydrocarbons													
Acenaphthene	mg/kg	n/v	3,000	240	37,000	710	-	-	-	-	-	-	-
Acenaphthylene	mg/kg	n/v	3,800	410	37,000	1,200	-	-	-	-	-	-	-
Anthracene	mg/kg	n/v	18,000	6,900	190,000	21,000	-	-	-	-	-	-	-
Benzo(a)anthracene	mg/kg	n/v	41	130	170	290	-	-	-	-	-	-	-
Benzo(a)pyrene	mg/kg	n/v	4.1	7.6	17	7.6	-	-	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	n/v	42	440	170	980	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	mg/kg	n/v	1,800	46,000	19,000	140,000	-	-	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	n/v	420	4,500	1,700	10,000	-	-	-	-	-	-	-
Chrysene	mg/kg	n/v	4,100	11,000	17,000	25,000	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	mg/kg	n/v	4	15	17	160	-	-	-	-	-	-	-
Fluoranthene	mg/kg	n/v	2,300	1,900	25,000	5,700	-	-	-	-	-	-	-
Fluorene	mg/kg	n/v	2,300	300	25,000	890	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	n/v	42	1,300	170	2,800	-	-	-	-	-	-	-
Naphthalene	mg/kg	n/v	220	31	360	93	-	-	-	-	-	-	-
Phenanthrene	mg/kg	n/v	1,700	420	19,000	1,200	-	-	-	-	-	-	-
Pyrene	mg/kg	n/v	1,700	1,100	19,000	3,300	-	-	-	-	-	-	-
Volatile Organic Compounds													
1-Chlorohexane	mg/kg	n/v	2,700	39	14,000	120	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Acetone	mg/kg	n/v	66,000	43	440,000	130	<0.0144	<0.0158	<0.0182	<0.0171	<0.0149	<0.0164	<0.0140
Benzene	mg/kg	n/v	120	0.026	240	0.026	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Bromobenzene	mg/kg	n/v	390	2.3	1,200	6.9	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Bromodichloromethane	mg/kg	n/v	98	0.36	460	0.36	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Bromoform (Tribromomethane)	mg/kg	n/v	400	0.44	1,000	0.44	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Bromomethane (Methyl bromide)	mg/kg	n/v	39	0.13	79	0.39	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Butylbenzene, n-	mg/kg	n/v	3,300	150	34,000	450	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Butylbenzene, sec- (2-Phenylbutane)	mg/kg	n/v	3,300	85	41,000	250	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Butylbenzene, tert-	mg/kg	n/v	3,300	100	41,000	300	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Carbon Disulfide	mg/kg	n/v	4,600	14	13,000	41	<0.00481	<0.00528	<0.00607	<0.00570	<0.00496	<0.00546	<0.00468
Carbon Tetrachloride (Tetrachloromethane)	mg/kg	n/v	35	0.062	81	0.062	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Chlorobenzene (Monochlorobenzene)	mg/kg	n/v	520	1.1	1,000	1.1	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Chlorobromomethane	mg/kg	n/v	3,300	3	41,000	9.1	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Chloroethane (Ethyl Chloride)	mg/kg	n/v	27,000	31	140,000	92	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Chloroform (Trichloromethane)	mg/kg	n/v	16	0.33	26	0.33	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Chloromethane	mg/kg	n/v	140	0.41	290	0.91	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Chlorotoluene, 2-	mg/kg	n/v	1,200	9.1	7,800	27	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Chlorotoluene, 4-	mg/kg	n/v	1,600	11	20,000	32	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Cyclohexane	mg/kg	n/v	75,000	5,900	130,000	18,000	<0.00481	<0.00528	<0.00607	<0.00570	<0.00496	<0.00546	<0.00468
Dibromo-3-Chloropropane, 1,2- (DBCP)	mg/kg	n/v	0.15	0.0017	0.26	0.0017	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Dibromochloromethane	mg/kg	n/v	72	0.36	340	0.36	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Dibromomethane (Methylene Bromide)	mg/kg	n/v	81	1.1	110	2.5	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Dichlorobenzene, 1,2-	mg/kg	n/v	720	18	1,100	18	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Dichlorobenzene, 1,3-	mg/kg	n/v	120	6.7	170	20	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Dichlorobenzene, 1,4-	mg/kg	n/v	250	2.1	1,200	2.1	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Dichlorodifluoromethane (Freon 12)	mg/kg	n/v	1,400	240	2,100	720	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Dichloroethane, 1,1-	mg/kg	n/v	11,000	18	41,000	55	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Dichloroethane, 1,2-	mg/kg	n/v	41	0.014	110	0.014	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Dichloroethene, 1,1-	mg/kg	n/v	2,300	0.05	6,400	0.05	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Dichloroethene, cis-1,2-	mg/kg	n/v	140	0.25	790	0.25	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Dichloroethene, trans-1,2-	mg/kg	n/v	590	0.49	1,200	0.49	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Dichloropropane, 1,2-	mg/kg	n/v	61	0.023	86	0.023	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Dichloropropane, 1,3-	mg/kg	n/v	36	0.064	99	0.14	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Dichloropropane, 2,2-	mg/kg	n/v	61	0.12	86	0.27	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Dichloropropene, 1,1-	mg/kg	n/v	36	0.13	99	0.3	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Dichloropropene, cis-1,3-	mg/kg	n/v	8	0.0066	53	0.015	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Dichloropropene, trans-1,3-	mg/kg	n/v	36	0.036	99	0.08	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Ethylbenzene	mg/kg	n/v	6,400	7.6	29,000	7.6	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Ethylene Dibromide (Dibromoethane, 1,2-)	mg/kg	n/v	2.5	0.00021	8.7	0.00021	***<0.000963***	***<0.00106***	***<0.00121***	***<0.00114***	***<0.000992***	***<0.00109***	***<0.000936***
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	mg/kg	n/v	20	3.3	41	7.4	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Hexanone, 2- (Methyl Butyl Ketone)	mg/kg	n/v	270	0.32	940	0.96	<0.00481	<0.00528	<0.00607	<0.00570	<0.00496	<0.00546	<0.00468
Isopropylbenzene	mg/kg	n/v	4,300	350	11,000	1,000	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Isopropyltoluene, p- (Cymene)	mg/kg	n/v	8,200	230	100,000	690	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Methyl Acetate	mg/kg	n/v	82,000	49	1,000,000	150	<0.00481	<0.00528	<0.00607	<0.00570	<0.00496	<0.00546	<0.00468
Methyl Ethyl Ketone (MEK) (2-Butanone)	mg/kg	n/v	40,000	29	190,000	87	<0.00481	<0.00528	<0.00607	<0.00570	<0.00496	<0.00546	<0.00468
Methyl Isobutyl Ketone (MIBK)	mg/kg	n/v	5,900	4.9	41,000	15	<0.00481	<0.00528	<0.00607	<0.00570	<0.00496	<0.00546	<0.00468
Methyl tert-butyl ether (MTBE)	mg/kg	n/v	800	0.62	2,000	1.9	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Methylcyclohexane	mg/kg	n/v	41,000	16,000	64,000	46,000	<0.00481	<0.00528	<0.00607	<0.00570	<0.00496	<0.00546	<0.00468
Methylene Chloride (Dichloromethane)	mg/kg	n/v	1,600	0.013	12,000	0.013	<0.00481	<0.00528	<0.00607	<0.00570	<0.00496	<0.00546	<0.00468
Naphthalene	mg/kg	n/v	220	31	360	93	<0.00481	<0.00528	<0.00607	<0.00570	<0.00496	<0.00546	<0.00468
Propylbenzene, n-	mg/kg	n/v	2,200	45	7,300	130	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Styrene	mg/kg	n/v	6,700	3.3	15,000	3.3	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Tetrachloroethane, 1,1,1,2-	mg/kg	n/v	65	1.4	130	3.2	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Tetrachloroethane, 1,1,2,2-	mg/kg	n/v	30	0.023	140	0.052	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Tetrachloroethene (PCE)	mg/kg	n/v	710	0.05	1,400	0.05	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Toluene	mg/kg	n/v	5,900	8.2	42,000	8.2	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Trichlorobenzene, 1,2,3-	mg/kg	n/v	120	26	350	79	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Trichlorobenzene, 1,2,4-	mg/kg	n/v	120	4.8	200	4.8	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Trichloroethane, 1,1,1-	mg/kg	n/v	53,000	1.6	100,000	1.6	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Trichloroethane, 1,1,2-	mg/kg	n/v	18	0.02	35	0.02	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Trichloroethene (TCE)	mg/kg	n/v	18	0.034	40	0.034	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Trichlorofluoromethane (Freon 11)	mg/kg	n/v	25,000	130	310,000	380	<0.00481	<0.00528	<0.00607	<0.00570	<0.00496	<0.00546	<0.00468
Trichloropropane, 1,2,3-	mg/kg	n/v	0.2	0.00053	0.95	0.0012	***<0.000963***	***<0.00106***	***<0.00121***	***<0.00114***	***<0.000992***	***<0.00109***	***<0.000936***
Trichlorotrifluoroethane (Freon 113)	mg/kg	n/v	74,000	80,000	110,000	240,000	<0.00481	<0.00528	<0.00607	<0.00570	<0.00496	<0.00546	<0.00468
Trimethylbenzene, 1,2,4-	mg/kg	n/v	1,600	33	4,900	99	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Trimethylbenzene, 1,3,5-	mg/kg	n/v	1,500	36	4,300	110	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Vinyl Chloride	mg/kg	n/v	3.7	0.022	15	0.022	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Xylene, m-	mg/kg	n/v	8,900	110	13,000	110	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Xylene, o-	mg/kg	n/v	48,000	71	91,000	71	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936
Xylenes, Total	mg/kg	n/v	6,000	120	12,000	120	<0.000963	<0.00106	<0.00121	<0.00114	<0.000992	<0.00109	<0.000936

See notes on last page.

Table 1
Summary of Soil Analytical Results
City of Dallas 2020 CWA Grant
City of Dallas, TX

Sample Location								B26	
Sample Date		Texas-Specific Soil Background Concentrations	Texas Tier 1 PCLs				20-Jan-22	20-Jan-22	20-Jan-22
Sample ID							B26(3-4)SO	B26(9-10)SO	B26(14-15)SO
Sample Depth							3 - 4 ft	9 - 10 ft	14 - 15 ft
Sampling Company							STANTEC	STANTEC	STANTEC
Laboratory							DHL	DHL	DHL
Laboratory Work Order			Residential		Commercial/Industrial		2201162	2201162	2201162
Sample Type	Units	A	TotSoilComb B	GWSoilIng C	TotSoilComb D	GW SoilIng E			
Petroleum Hydrocarbons									
C6 - C12 Hydrocarbons	mg/kg	n/v	1,600	65	3,900	190	<15.0	<14.2	<14.0
>C12 - C28 Hydrocarbons	mg/kg	n/v	2,300	200	12,000	590	<15.0	<14.2	<14.0
>C28 - C35 Hydrocarbons	mg/kg	n/v	2,300	200	12,000	590	<15.0	<14.2	<14.0
Total C6 - C35 Hydrocarbons	mg/kg	n/v	n/v	n/v	n/v	n/v	<15.0	<14.2	<14.0
Metals									
Lead	mg/kg	15	500	3	1,600	3	5.26	2.72	2.85
Polycyclic Aromatic Hydrocarbons									
Acenaphthene	mg/kg	n/v	3,000	240	37,000	710	-	-	-
Acenaphthylene	mg/kg	n/v	3,800	410	37,000	1,200	-	-	-
Anthracene	mg/kg	n/v	18,000	6,900	190,000	21,000	-	-	-
Benzo(a)anthracene	mg/kg	n/v	41	130	170	290	-	-	-
Benzo(a)pyrene	mg/kg	n/v	4.1	7.6	17	7.6	-	-	-
Benzo(b)fluoranthene	mg/kg	n/v	42	440	170	980	-	-	-
Benzo(g,h,i)perylene	mg/kg	n/v	1,800	46,000	19,000	140,000	-	-	-
Benzo(k)fluoranthene	mg/kg	n/v	420	4,500	1,700	10,000	-	-	-
Chrysene	mg/kg	n/v	4,100	11,000	17,000	25,000	-	-	-
Dibenzo(a,h)anthracene	mg/kg	n/v	4	15	17	160	-	-	-
Fluoranthene	mg/kg	n/v	2,300	1,900	25,000	5,700	-	-	-
Fluorene	mg/kg	n/v	2,300	300	25,000	890	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	n/v	42	1,300	170	2,800	-	-	-
Naphthalene	mg/kg	n/v	220	31	360	93	-	-	-
Phenanthrene	mg/kg	n/v	1,700	420	19,000	1,200	-	-	-
Pyrene	mg/kg	n/v	1,700	1,100	19,000	3,300	-	-	-
Volatile Organic Compounds									
1-Chlorohexane	mg/kg	n/v	2,700	39	14,000	120	<0.00107	<0.00107	<0.000960
Acetone	mg/kg	n/v	66,000	43	440,000	130	<0.0161	<0.0161	<0.0144
Benzene	mg/kg	n/v	120	0.026	240	0.026	<0.00107	<0.00107	<0.000960
Bromobenzene	mg/kg	n/v	390	2.3	1,200	6.9	<0.00107	<0.00107	<0.000960
Bromodichloromethane	mg/kg	n/v	98	0.36	460	0.36	<0.00107	<0.00107	<0.000960
Bromoform (Tribromomethane)	mg/kg	n/v	400	0.44	1,000	0.44	<0.00107	<0.00107	<0.000960
Bromomethane (Methyl bromide)	mg/kg	n/v	39	0.13	79	0.39	<0.00107	<0.00107	<0.000960
Butylbenzene, n-	mg/kg	n/v	3,300	150	34,000	450	<0.00107	<0.00107	<0.000960
Butylbenzene, sec- (2-Phenylbutane)	mg/kg	n/v	3,300	85	41,000	250	<0.00107	<0.00107	<0.000960
Butylbenzene, tert-	mg/kg	n/v	3,300	100	41,000	300	<0.00107	<0.00107	<0.000960
Carbon Disulfide	mg/kg	n/v	4,600	14	13,000	41	<0.00536	<0.00535	<0.00480
Carbon Tetrachloride (Tetrachloromethane)	mg/kg	n/v	35	0.062	81	0.062	<0.00107	<0.00107	<0.000960
Chlorobenzene (Monochlorobenzene)	mg/kg	n/v	520	1.1	1,000	1.1	<0.00107	<0.00107	<0.000960
Chlorobromomethane	mg/kg	n/v	3,300	3	41,000	9.1	<0.00107	<0.00107	<0.000960
Chloroethane (Ethyl Chloride)	mg/kg	n/v	27,000	31	140,000	92	<0.00107	<0.00107	<0.000960
Chloroform (Trichloromethane)	mg/kg	n/v	16	0.33	26	0.33	<0.00107	<0.00107	<0.000960
Chloromethane	mg/kg	n/v	140	0.41	290	0.91	<0.00107	<0.00107	<0.000960
Chlorotoluene, 2-	mg/kg	n/v	1,200	9.1	7,800	27	<0.00107	<0.00107	<0.000960
Chlorotoluene, 4-	mg/kg	n/v	1,600	11	20,000	32	<0.00107	<0.00107	<0.000960
Cyclohexane	mg/kg	n/v	75,000	5,900	130,000	18,000	<0.00536	<0.00535	<0.00480
Dibromo-3-Chloropropane, 1,2- (DBCP)	mg/kg	n/v	0.15	0.0017	0.26	0.0017	<0.00107	<0.00107	<0.000960
Dibromochloromethane	mg/kg	n/v	72	0.36	340	0.36	<0.00107	<0.00107	<0.000960
Dibromomethane (Methylene Bromide)	mg/kg	n/v	81	1.1	110	2.5	<0.00107	<0.00107	<0.000960
Dichlorobenzene, 1,2-	mg/kg	n/v	720	18	1,100	18	<0.00107	<0.00107	<0.000960
Dichlorobenzene, 1,3-	mg/kg	n/v	120	6.7	170	20	<0.00107	<0.00107	<0.000960
Dichlorobenzene, 1,4-	mg/kg	n/v	250	2.1	1,200	2.1	<0.00107	<0.00107	<0.000960
Dichlorodifluoromethane (Freon 12)	mg/kg	n/v	1,400	240	2,100	720	<0.00107	<0.00107	<0.000960
Dichloroethane, 1,1-	mg/kg	n/v	11,000	18	41,000	55	<0.00107	<0.00107	<0.000960
Dichloroethane, 1,2-	mg/kg	n/v	41	0.014	110	0.014	<0.00107	<0.00107	<0.000960
Dichloroethene, 1,1-	mg/kg	n/v	2,300	0.05	6,400	0.05	<0.00107	<0.00107	<0.000960
Dichloroethene, cis-1,2-	mg/kg	n/v	140	0.25	790	0.25	<0.00107	<0.00107	<0.000960
Dichloroethene, trans-1,2-	mg/kg	n/v	590	0.49	1,200	0.49	<0.00107	<0.00107	<0.000960
Dichloropropane, 1,2-	mg/kg	n/v	61	0.023	86	0.023	<0.00107	<0.00107	<0.000960
Dichloropropane, 1,3-	mg/kg	n/v	36	0.064	99	0.14	<0.00107	<0.00107	<0.000960
Dichloropropane, 2,2-	mg/kg	n/v	61	0.12	86	0.27	<0.00107	<0.00107	<0.000960
Dichloropropene, 1,1-	mg/kg	n/v	36	0.13	99	0.3	<0.00107	<0.00107	<0.000960
Dichloropropene, cis-1,3-	mg/kg	n/v	8	0.0066	53	0.015	<0.00107	<0.00107	<0.000960
Dichloropropene, trans-1,3-	mg/kg	n/v	36	0.036	99	0.08	<0.00107	<0.00107	<0.000960
Ethylbenzene	mg/kg	n/v	6,400	7.6	29,000	7.6	<0.00107	<0.00107	<0.000960
Ethylene Dibromide (Dibromoethane, 1,2-)	mg/kg	n/v	2.5	0.00021	8.7	0.00021	***<0.00107***	***<0.00107***	***<0.000960***
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	mg/kg	n/v	20	3.3	41	7.4	<0.00107	<0.00107	<0.000960
Hexanone, 2- (Methyl Butyl Ketone)	mg/kg	n/v	270	0.32	940	0.96	<0.00536	<0.00535	<0.00480
Isopropylbenzene	mg/kg	n/v	4,300	350	11,000	1,000	<0.00107	<0.00107	<0.000960
Isopropyltoluene, p- (Cymene)	mg/kg	n/v	8,200	230	100,000	690	<0.00107	<0.00107	<0.000960
Methyl Acetate	mg/kg	n/v	82,000	49	1,000,000	150	<0.00536	<0.00535	<0.00480
Methyl Ethyl Ketone (MEK) (2-Butanone)	mg/kg	n/v	40,000	29	190,000	87	<0.00536	<0.00535	<0.00480
Methyl Isobutyl Ketone (MIBK)	mg/kg	n/v	5,900	4.9	41,000	15	<0.00536	<0.00535	<0.00480
Methyl tert-butyl ether (MTBE)	mg/kg	n/v	800	0.62	2,000	1.9	<0.00107	<0.00107	<0.000960
Methylcyclohexane	mg/kg	n/v	41,000	16,000	64,000	46,000	<0.00536	<0.00535	<0.00480
Methylene Chloride (Dichloromethane)	mg/kg	n/v	1,600	0.013	12,000	0.013	<0.00536	<0.00535	<0.00480
Naphthalene	mg/kg	n/v	220	31	360	93	<0.00536	<0.00535	<0.00480
Propylbenzene, n-	mg/kg	n/v	2,200	45	7,300	130	<0.00107	<0.00107	<0.000960
Styrene	mg/kg	n/v	6,700	3.3	15,000	3.3	<0.00107	<0.00107	<0.000960
Tetrachloroethane, 1,1,1,2-	mg/kg	n/v	65	1.4	130	3.2	<0.00107	<0.00107	<0.000960
Tetrachloroethane, 1,1,2,2-	mg/kg	n/v	30	0.023	140	0.052	<0.00107	<0.00107	<0.000960
Tetrachloroethene (PCE)	mg/kg	n/v	710	0.05	1,400	0.05	<0.00107	<0.00107	<0.000960
Toluene	mg/kg	n/v	5,900	8.2	42,000	8.2	<0.00107	<0.00107	<0.000960
Trichlorobenzene, 1,2,3-	mg/kg	n/v	120	26	350	79	<0.00107	<0.00107	<0.000960
Trichlorobenzene, 1,2,4-	mg/kg	n/v	120	4.8	200	4.8	<0.00107	<0.00107	<0.000960
Trichloroethane, 1,1,1-	mg/kg	n/v	53,000	1.6	100,000	1.6	<0.00107	<0.00107	<0.000960
Trichloroethane, 1,1,2-	mg/kg	n/v	18	0.02	35	0.02	<0.00107	<0.00107	<0.000960
Trichloroethene (TCE)	mg/kg	n/v	18	0.034	40	0.034	<0.00107	<0.00107	<0.000960
Trichlorofluoromethane (Freon 11)	mg/kg	n/v	25,000	130	310,000	380	<0.00536	<0.00535	<0.00480
Trichloropropane, 1,2,3-	mg/kg	n/v	0.2	0.00053	0.95	0.0012	***<0.00107***	***<0.00107***	***<0.000960***
Trichlorotrifluoroethane (Freon 113)	mg/kg	n/v	74,000	80,000	110,000	240,000	<0.00536	<0.00535	<0.00480
Trimethylbenzene, 1,2,4-	mg/kg	n/v	1,600	33	4,900	99	<0.00107	<0.00107	<0.000960
Trimethylbenzene, 1,3,5-	mg/kg	n/v	1,500	36	4,300	110	<0.00107	<0.00107	<0.000960
Vinyl Chloride	mg/kg	n/v	3.7	0.022	15	0.022	<0.00107	<0.00107	<0.000960
Xylene, m-	mg/kg	n/v	8,900	110	13,000	110	<0.00107	<0.00107	<0.000960
Xylene, o-	mg/kg	n/v	48,000	71	91,000	71	<0.00107	<0.00107	<0.000960
Xylenes, Total	mg/kg	n/v	6,000	120	12,000	120	<0.00107	<0.00107	<0.000960

See notes on last page.

Table 2
Summary of Groundwater Analytical Results
City of Dallas 2020 CWA Grant
City of Dallas, TX

Sample Location		Texas Tier 1 PCL		B24	Equipment Blank				Trip Blank	
Sample Date				20-Jan-22	18-Jan-22	19-Jan-22	20-Jan-22	20-Jan-22	19-Jan-22	20-Jan-22
Sample ID				B24-WG	EB-011822	EB-011922	EB-012022	EB-WG	TB011922	TB-012022
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				DHL	DHL	DHL	DHL	DHL	DHL	DHL
Laboratory Work Order		Residential [A]	Commercial/Industrial [B]	2201163	2201122	2201148	2201162	2201163	2201148	2201163
Sample Type	Units				Equipment Blank	Equipment Blank	Equipment Blank	Equipment Blank	Trip Blank	Trip Blank
Petroleum Hydrocarbons										
C6 - C12 Hydrocarbons	mg/L	0.98	2.9	<0.694	-	<0.690	<0.692	<0.706	-	-
>C12 - C28 Hydrocarbons	mg/L	0.98	2.9	<0.694	-	<0.690	<0.692	<0.706	-	-
>C28 - C35 Hydrocarbons	mg/L	0.98	2.9	<0.694	-	<0.690	<0.692	<0.706	-	-
Total C6 - C35 Hydrocarbons	mg/L	n/v	n/v	<0.694	-	<0.690	<0.692	<0.706	-	-
Metals										
Lead, Dissolved	mg/L	0.015	0.015	<0.000300	-	-	-	-	-	-
Lead, Total	mg/L	0.015	0.015	0.00814	0.000494 J	<0.000300	0.000523 J	<0.000300	-	-
Polycyclic Aromatic Hydrocarbons										
Acenaphthene	mg/L	1.5	4.4	<0.0000506	-	<0.0000502	<0.0000491	<0.0000266	-	-
Acenaphthylene	mg/L	1.5	4.4	<0.0000506	-	<0.0000502	<0.0000491	<0.0000266	-	-
Anthracene	mg/L	7.3	22	<0.0000506	-	<0.0000502	<0.0000491	<0.0000266	-	-
Benzo(a)anthracene	mg/L	0.0091	0.02	<0.0000506	-	<0.0000502	<0.0000491	<0.0000266	-	-
Benzo(a)pyrene	mg/L	0.0002	0.0002	<0.0000506	-	<0.0000502	<0.0000491	<0.0000266	-	-
Benzo(b)fluoranthene	mg/L	0.0091	0.02	<0.0000506	-	<0.0000502	<0.0000491	<0.0000266	-	-
Benzo(g,h,i)perylene	mg/L	0.73	2.2	<0.0000506	-	<0.0000502	<0.0000491	<0.0000266	-	-
Benzo(k)fluoranthene	mg/L	0.091	0.2	<0.0000506	-	<0.0000502	<0.0000491	<0.0000266	-	-
Chrysene	mg/L	0.91	2	<0.0000506	-	<0.0000502	<0.0000491	<0.0000266	-	-
Dibenzo(a,h)anthracene	mg/L	0.0002	0.002	<0.0000506	-	<0.0000502	<0.0000491	<0.0000266	-	-
Fluoranthene	mg/L	0.98	2.9	<0.0000506	-	<0.0000502	<0.0000491	<0.0000266	-	-
Fluorene	mg/L	0.98	2.9	<0.0000506	-	<0.0000502	<0.0000491	<0.0000266	-	-
Indeno(1,2,3-cd)pyrene	mg/L	0.0091	0.02	<0.0000506	-	<0.0000502	<0.0000491	<0.0000266	-	-
Naphthalene	mg/L	0.49	1.5	<0.0000506	-	<0.0000502	<0.0000491	<0.0000266	-	-
Phenanthrene	mg/L	0.73	2.2	<0.0000506	-	<0.0000502	<0.0000491	<0.0000266	-	-
Pyrene	mg/L	0.73	2.2	<0.0000506	-	<0.0000502	<0.0000491	<0.0000266	-	-
Volatile Organic Compounds										
1-Chlorohexane	mg/L	0.98	2.9	<0.00100	-	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Acetone	mg/L	22	66	<0.00500	-	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Benzene	mg/L	0.005	0.005	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Bromobenzene	mg/L	0.2	0.58	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Bromodichloromethane	mg/L	0.015	0.033	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Bromoform (Tribromomethane)	mg/L	0.12	0.26	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Bromomethane (Methyl bromide)	mg/L	0.034	0.1	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Butylbenzene, n-	mg/L	1.2	3.7	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Butylbenzene, sec- (2-Phenylbutane)	mg/L	0.98	2.9	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Butylbenzene, tert-	mg/L	0.98	2.9	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Carbon Disulfide	mg/L	2.4	7.3	<0.00500	-	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Carbon Tetrachloride (Tetrachloromethane)	mg/L	0.005	0.005	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Chlorobenzene (Monochlorobenzene)	mg/L	0.1	0.1	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Chlorobromomethane	mg/L	0.98	2.9	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Chloroethane (Ethyl Chloride)	mg/L	9.8	29	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Chloroform (Trichloromethane)	mg/L	0.24	0.73	0.000300 J	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Chloromethane	mg/L	0.07	0.16	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Chlorotoluene, 2-	mg/L	0.49	1.5	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Chlorotoluene, 4-	mg/L	0.49	1.5	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Cyclohexane	mg/L	120	370	<0.00500	-	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Dibromo-3-Chloropropane, 1,2- (DBCP)	mg/L	0.0002	0.0002	***<0.00300***	-	***<0.00300***	***<0.00300***	***<0.00300***	***<0.00300***	***<0.00300***
Dibromochloromethane	mg/L	0.011	0.024	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Dibromomethane (Methylene Bromide)	mg/L	0.12	0.27	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Dichlorobenzene, 1,2-	mg/L	0.6	0.6	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Dichlorobenzene, 1,3-	mg/L	0.73	2.2	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Dichlorobenzene, 1,4-	mg/L	0.075	0.075	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Dichlorodifluoromethane (Freon 12)	mg/L	4.9	15	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Dichloroethane, 1,1-	mg/L	4.9	15	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Dichloroethane, 1,2-	mg/L	0.005	0.005	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Dichloroethene, 1,1-	mg/L	0.007	0.007	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Dichloroethene, cis-1,2-	mg/L	0.07	0.07	0.00861	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Dichloroethene, trans-1,2-	mg/L	0.1	0.1	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Dichloropropane, 1,2-	mg/L	0.005	0.005	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Dichloropropane, 1,3-	mg/L	0.0091	0.02	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Dichloropropane, 2,2-	mg/L	0.013	0.03	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Dichloropropene, 1,1-	mg/L	0.0091	0.02	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Dichloropropene, cis-1,3-	mg/L	0.0017	0.0038	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Dichloropropene, trans-1,3-	mg/L	0.0091	0.02	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Ethylbenzene	mg/L	0.7	0.7	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Ethylene Dibromide (Dibromoethane, 1,2-)	mg/L	0.00005	0.00005	***<0.000300***	-	***<0.000300***	***<0.000300***	***<0.000300***	***<0.000300***	***<0.000300***
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	mg/L	0.012	0.026	<0.00100	-	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Hexanone, 2- (Methyl Butyl Ketone)	mg/L	0.12	0.37	<0.00500	-	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Isopropylbenzene	mg/L	2.4	7.3	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Isopropyltoluene, p- (Cymene)	mg/L	2.4	7.3	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Methyl Acetate	mg/L	24	73	<0.00500	-	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Methyl Ethyl Ketone (MEK) (2-Butanone)	mg/L	15	44	<0.00500	-	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Methyl Isobutyl Ketone (MIBK)	mg/L	2	5.8	<0.00500	-	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Methyl tert-butyl ether (MTBE)	mg/L	0.24	0.73	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Methylcyclohexane	mg/L	120	370	<0.00500	-	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Methylene Chloride (Dichloromethane)	mg/L	0.005	0.005	<0.00250	-	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
Naphthalene	mg/L	0.49	1.5	<0.00500	-	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Propylbenzene, n-	mg/L	0.98	2.9	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Styrene	mg/L	0.1	0.1	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Tetrachloroethane, 1,1,1,2-	mg/L	0.035	0.079	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Tetrachloroethane, 1,1,2,2-	mg/L	0.0046	0.01	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Tetrachloroethene (PCE)	mg/L	0.005	0.005	**0.0318**	-	<0.000600	<0.000600	<0.000600	<0.000600	<0.000600
Toluene	mg/L	1	1	<0.000600	-	<0.000600	<0.000600	<0.000600	<0.000600	<0.000600
Trichlorobenzene, 1,2,3-	mg/L	0.073	0.22	<0.00150	-	<0.00150	<0.00150	<0.00150	<0.00150	<0.00150
Trichlorobenzene, 1,2,4-	mg/L	0.07	0.07	<0.00150	-	<0.00150	<0.00150	<0.00150	<0.00150	<0.00150
Trichloroethane, 1,1,1-	mg/L	0.2	0.2	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Trichloroethane, 1,1,2-	mg/L	0.005	0.005	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Trichloroethene (TCE)	mg/L	0.005	0.005	**0.00540**	-	<0.000600	<0.000600	<0.000600	<0.000600	<0.000600
Trichlorofluoromethane (Freon 11)	mg/L	7.3	22	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Trichloropropane, 1,2,3-	mg/L	0.00003	0.000068	***<0.000300***	-	***<0.000300***	***<0.000300***	***<0.000300***	***<0.000300***	***<0.000300***
Trichlorotrifluoroethane (Freon 113)	mg/L	730	2,200	<0.00500	-	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Trimethylbenzene, 1,2,4-	mg/L	0.83	2.5	<0.00150	-	<0.00150	<0.00150	<0.00150	<0.00150	<0.00150
Trimethylbenzene, 1,3,5-	mg/L	0.83	2.5	<0.00150	-	<0.00150	<0.00150	<0.00150	<0.00150	<0.00150
Vinyl Chloride	mg/L	0.002	0.002	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Xylene, m-	mg/L	10	10	<0.000600	-	<0.000600	<0.000600	<0.000600	<0.000600	<0.000600
Xylene, o-	mg/L	10	10	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300
Xylenes, Total	mg/L	10	10	<0.000300	-	<0.000300	<0.000300	<0.000300	<0.000300	<0.000300

Notes:

PCL	Groundwater Protective Concentration Levels (March 31, 2017)
[A]	Table 3 - Tier 1 - Residential - GWGWIng (Class 2)
[B]	Table 3 - Tier 1 - Commercial/Industrial - GWGWIng (Class 2)
6.5	Concentration exceeds the indicated standard.
15.2	Measured concentration did not exceed the indicated standard.
<0.50	Laboratory reporting limit was greater than the applicable standard.
<0.03	Analyte was not detected at a concentration greater than the laboratory reporting limit.
n/v	No standard/guideline value.
-	Parameter not analyzed / not available.
J	The reported result is an estimated value.

Table 3
Summary of Investigation Derived Waste Analytical Results
City of Dallas 2020 CWA Grant
City of Dallas, TX

Sample Location		EPA		IDW		
Sample Date				20-Jan-22	20-Jan-22	25-Jan-22
Sample ID				IDWSO	IDWWG	IDWSOLR
Sampling Company				STANTEC	STANTEC	STANTEC
Laboratory				DHL	DHL	DHL
Laboratory Work Order				2201164	2201164	2201164
Sample Type	Units	MCC Toxicity Characteristics [A]	MCC Regulatory Level TCLP Toxicity [B]			Lab Replicate
General Chemistry						
Cyanide (Reactive)	mg/kg	n/v	250	<0.0485	<0.0500	-
pH, lab	ph Units	n/v	n/v	8.47	8.83	8.51
Sulfide (Reactive)	mg/kg	n/v	500	<19.4	<20.0	-
Ignitability						
Ignitability	deg C	n/v	n/v	>100	>100	-
Metals						
Mercury	mg/L	0.2	0.2	<0.000400	<0.000400	-
Metals TCLP						
Antimony	mg/L	n/v	n/v	<0.00400	<0.00400	-
Arsenic	mg/L	5	5.0	<0.0100	<0.0100	-
Barium	mg/L	100	100.0	0.498	0.333	-
Beryllium	mg/L	n/v	n/v	<0.00150	<0.00150	-
Cadmium	mg/L	1	1.0	<0.00150	<0.00150	-
Chromium	mg/L	5	5.0	<0.0100	<0.0100	-
Lead	mg/L	5	5.0	0.00239 J	0.00225 J	-
Nickel	mg/L	n/v	n/v	0.0163 J	<0.0150	-
Selenium	mg/L	1	1.0	<0.0100	<0.0100	-
Silver	mg/L	5	5.0	<0.00500	<0.00500	-
Semi-Volatile Organic Compounds - TCLP						
Cresol, m & p- (Methylphenol, 3&4-)	mg/L	4,200	200.0	<0.00928	<0.227	-
Cresol, o- (Methylphenol, 2-)	mg/L	4,200	200.0	<0.00928	<0.227	-
Dichlorobenzene, 1,4-	mg/L	7.5	7.5	<0.00928	<0.227	-
Dinitrotoluene, 2,4-	mg/L	30.13	0.13	<0.00928	***<0.227***	-
Hexachlorobenzene	mg/L	30.13	0.13	<0.00928	***<0.227***	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	mg/L	0.5	0.5	<0.00928	<0.227	-
Hexachloroethane	mg/L	3	3.0	<0.00928	<0.227	-
Nitrobenzene	mg/L	2	2.0	<0.0186	<0.455	-
Pentachlorophenol	mg/L	100	100.0	<0.0186	<0.455	-
Pyridine	mg/L	35	5.0	<0.0371	<0.909	-
Trichlorophenol, 2,4,5-	mg/L	400	400.0	<0.00928	<0.227	-
Trichlorophenol, 2,4,6-	mg/L	2	2.0	<0.00928	<0.227	-
Volatile Organic Compounds - TCLP						
Benzene	mg/L	0.5	0.5	<0.00300	<0.00300	-
Carbon Tetrachloride (Tetrachloromethane)	mg/L	0.5	0.5	<0.00300	<0.00300	-
Chlorobenzene (Monochlorobenzene)	mg/L	100	100.0	<0.00300	<0.00300	-
Chloroform (Trichloromethane)	mg/L	6	6.0	<0.00300	<0.00300	-
Dichlorobenzene, 1,4-	mg/L	7.5	7.5	<0.00300	<0.00300	-
Dichloroethane, 1,2-	mg/L	0.5	0.5	<0.00300	<0.00300	-
Dichloroethene, 1,1-	mg/L	0.7	0.7	<0.00300	<0.00300	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	mg/L	0.5	0.5	<0.0100	<0.0100	-
Methyl Ethyl Ketone (MEK) (2-Butanone)	mg/L	200	200.0	<0.0500	<0.0500	-
Tetrachloroethene (PCE)	mg/L	0.7	0.7	<0.00300	<0.00300	-
Trichloroethene (TCE)	mg/L	0.5	0.5	<0.00300	<0.00300	-
Vinyl Chloride	mg/L	0.2	0.2	<0.00300	<0.00300	-

Notes:

EPA	EPA Hazardous Waste Characteristics	***<0.50***	Laboratory reporting limit was greater than the applicable standard.
[A]	Table 1 —Maximum Concentration of Contaminants for the Toxicity Characteristic	<0.03	Analyte was not detected at a concentration greater than the laboratory reporting limit.
[B]	Maximum Concentration of Contaminants for Characteristics of TCLP Toxicity (RCRA Toxicity Characteristics)	n/v	No standard/guideline value.
6.5[A]	Concentration exceeds the indicated standard.	-	Parameter not analyzed / not available.
15.2	Measured concentration did not exceed the indicated standard.	J	The reported result is an estimated value.

APPENDICES

APPENDIX A – SOIL BORING LOGS

PROJECT: **Fair Park Phase II ESA**
LOCATION: **4105 South Fitzhugh Ave, Dallas, TX 75210**
PROJECT NUMBER: **185751311**

WELL/BOREHOLE ID: **B01**

Stantec

DATE: STARTED **1/17/2022** COMPLETED: **1/17/2022**
TIME: STARTED **2:10:00 PM** COMPLETED: **2:15:00 PM**
DRILLING COMPANY: **Sunbelt Industrial Services**
DRILLING EQUIPMENT: **3.25" Hand Auger**
DRILLING METHOD: **Hand Auger**
SAMPLING EQUIPMENT: **Grab**

NORTHING (ft):
EASTING (ft):
LATITUDE: **32.77739**
LONGITUDE: **-96.75499**
GROUND ELEV (ft): **~436 ft AMSL**
TOC ELEV (ft): **NA**
INITIAL DTW (ft): **N/A**
BOREHOLE DEPTH (ft): **4.0**
STATIC DTW (ft): **N/A**
WELL DEPTH (ft): **---**
WELL CASING DIAM. (in): **---**
BOREHOLE DIAM. (in):**3.25**
LOGGED BY: **K. Shugart, PG**
CHECKED BY:

Date/ Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (inches)	Blow Count	Headspace PID (ppm)	Depth (feet)	Borehole Backfill
		AF	Concrete.							Concrete 0'-1'
		SM	Silty sand (SM), dark yellowish brown (10YR 4/4), medium dense to dense, dry, fine sand (60%) and silt (40%), no odor or staining.		14:15 B01(1-2)SO MS/MSD			1.9		
		SP	Poorly graded sand (SP), dark yellowish brown (10YR 4/4), loose, dry, fine sand (85%) and medium sand (15%), no odor or staining.		14:20 B01(3-4)SO			2.3		Hydrated bentonite chips 1'-4'
			Borehole terminated at 4 feet bgs. No refusal, no groundwater encountered. B01 was backfilled on 1/17/22 at 14:17.							
5									5	
10									10	
15									15	

STANTEC_JOBS_2021 GINT_LOGS_FAIR_PARK.GPJ STANTECUS1342.GDT 3/31/22

PROJECT: **Fair Park Phase II ESA**
LOCATION: **4105 South Fitzhugh Ave, Dallas, TX 75210**
PROJECT NUMBER: **185751311**

WELL/BOREHOLE ID: **B02**

Stantec

DATE: STARTED **1/18/2022** COMPLETED: **1/18/2022**
TIME: STARTED **8:35:00 AM** COMPLETED: **8:40:00 AM**
DRILLING COMPANY: **Sunbelt Industrial Services**
DRILLING EQUIPMENT: **3.25" Hand Auger**
DRILLING METHOD: **Hand Auger**
SAMPLING EQUIPMENT: **Grab**

NORTHING (ft):
EASTING (ft):
LATITUDE: **32.77799**
LONGITUDE: **-96.75434**
GROUND ELEV (ft): **~446 ft AMSL**
TOC ELEV (ft): **NA**
INITIAL DTW (ft): **N/A**
BOREHOLE DEPTH (ft): **4.0**
STATIC DTW (ft): **N/A**
WELL DEPTH (ft): **---**
WELL CASING DIAM. (in): **---**
BOREHOLE DIAM. (in):**3.25**
LOGGED BY: **K. Shugart, PG**
CHECKED BY:

Date/ Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (inches)	Blow Count	Headspace PID (ppm)	Depth (feet)	Borehole Backfill
		AF	Concrete.							Concrete 0'-1'
		SM	Silty sand (SM), dark yellowish brown (10YR 4/4), medium dense, dry, fine sand (60%) and silt (40%), no odor or staining.		08:50 B02(1-2)SO			1.6		
		SP	Poorly graded sand (SP), pale brown (10YR 6/3), loose, dry, fine sand (100%), no odor or staining.		08:55 B02(3-4)SO			1.9		Hydrated bentonite chips 1'-4'
			Borehole terminated at 4 feet bgs. No refusal, no groundwater encountered. B02 was backfilled on 1/18/22 at 08:45.							
5									5	
10									10	
15									15	

STANTEC_JOBS_2021 GINT_LOGS_FAIR_PARK.GPJ STANTECUS1342.GDT 3/31/22

PROJECT: **Fair Park Phase II ESA**
LOCATION: **4105 South Fitzhugh Ave, Dallas, TX 75210**
PROJECT NUMBER: **185751311**

WELL/BOREHOLE ID: **B03**

Stantec

DATE: STARTED **1/18/2022** COMPLETED: **1/18/2022**
TIME: STARTED **9:00:00 AM** COMPLETED: **9:09:00 AM**
DRILLING COMPANY: **Sunbelt Industrial Services**
DRILLING EQUIPMENT: **3.25" Hand Auger**
DRILLING METHOD: **Hand Auger**
SAMPLING EQUIPMENT: **Grab**

NORTHING (ft):
EASTING (ft):
LATITUDE: **32.77882**
LONGITUDE: **-96.75341**
GROUND ELEV (ft): **~446 ft AMSL**
TOC ELEV (ft): **NA**
INITIAL DTW (ft): **N/A**
BOREHOLE DEPTH (ft): **4.0**
STATIC DTW (ft): **N/A**
WELL DEPTH (ft): **---**
WELL CASING DIAM. (in): **---**
BOREHOLE DIAM. (in):**3.25**
LOGGED BY: **K. Shugart, PG**
CHECKED BY:

Date/ Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (inches)	Blow Count	Headspace PID (ppm)	Depth (feet)	Borehole Backfill
		AF	Concrete.							Concrete 0'-1'
		CH	Fat clay (CH), very dark grayish brown (10YR 3/2), stiff, dry, clay (100%), high plasticity, no odor or staining.							
		SM	Silty sand (SM), brown (10YR 4/3), dense, dry, fine sand (60%) and silt (40%), no odor or staining.		09:05 B03(1-2)SO			1.4		Hydrated bentonite chips 1'-4'
			Increase coarse sand fraction, fine sand (50%), silt (35%), coarse sand (10%), fine gravel (5%), white chalk fragments.		09:10 B03(3-4)SO			1.4		
			Borehole terminated at 4 feet bgs. No refusal, no groundwater encountered. B03 was backfilled on 1/18/22 at 09:11.							
5									5	
10									10	
15									15	

STANTEC_JOBS_2021 GINT_LOGS_FAIR_PARK.GPJ STANTECUS1342.GDT 3/31/22

PROJECT: **Fair Park Phase II ESA**
LOCATION: **4105 South Fitzhugh Ave, Dallas, TX 75210**
PROJECT NUMBER: **185751311**

WELL/BOREHOLE ID: **B04**

Stantec

DATE: STARTED **1/18/2022** COMPLETED: **1/18/2022**
TIME: STARTED **9:18:00 AM** COMPLETED: **9:29:00 AM**
DRILLING COMPANY: **Sunbelt Industrial Services**
DRILLING EQUIPMENT: **3.25" Hand Auger**
DRILLING METHOD: **Hand Auger**
SAMPLING EQUIPMENT: **Grab**

NORTHING (ft):
EASTING (ft):
LATITUDE: **32.77942**
LONGITUDE: **-96.75278**
GROUND ELEV (ft): **~450 ft AMSL**
TOC ELEV (ft): **NA**
INITIAL DTW (ft): **N/A**
BOREHOLE DEPTH (ft): **4.0**
STATIC DTW (ft): **N/A**
WELL DEPTH (ft): **---**
WELL CASING DIAM. (in): **---**
BOREHOLE DIAM. (in):**3.25**
LOGGED BY: **K. Shugart, PG**
CHECKED BY:

Date/ Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (inches)	Blow Count	Headspace PID (ppm)	Depth (feet)	Borehole Backfill
		AF	Concrete.							Concrete 0'-1'
		SM	Silty sand (SM), grayish brown (10YR 5/2), loose, dry, fine sand (45%), silt (30%), coarse sand (15%), medium sand (5%), fine gravel (5%), no odor or staining, concrete and asphalt fragments, rootlets.		09:25 B04(1-2)SO			1.1		
			Color change to dark grayish brown (10YR 4/2), medium dense to dense, dry, fine sand (50%), silt (40%), coarse sand (10%), rootlets.							Hydrated bentonite chips 1'-4'
			White chalk fragments, increase fine gravel (5%) up to 5 mm, fine sand (45%), silt (40%), coarse sand (10%).		09:30 B04(3-4)SO			1.2		
			Borehole terminated at 4 feet bgs. No refusal, no groundwater encountered. B04 was backfilled on 1/18/22 at 09:31.							
5									5	
10									10	
15									15	

STANTEC_JOBS_2021 GINT_LOGS_FAIR_PARK.GPJ STANTECUS1342.GDT 3/31/22

PROJECT: **Fair Park Phase II ESA**
LOCATION: **4105 South Fitzhugh Ave, Dallas, TX 75210**
PROJECT NUMBER: **185751311**

WELL/BOREHOLE ID: **B05**

Stantec

DATE: STARTED **1/17/2022** COMPLETED: **1/17/2022**
TIME: STARTED **1:50:00 PM** COMPLETED: **2:00:00 PM**
DRILLING COMPANY: **Sunbelt Industrial Services**
DRILLING EQUIPMENT: **3.25" Hand Auger**
DRILLING METHOD: **Hand Auger**
SAMPLING EQUIPMENT: **Grab**

NORTHING (ft):
EASTING (ft):
LATITUDE: **32.77676**
LONGITUDE: **-96.75490**
GROUND ELEV (ft): **~436 ft AMSL**
TOC ELEV (ft): **NA**
INITIAL DTW (ft): **N/A**
BOREHOLE DEPTH (ft): **4.0**
STATIC DTW (ft): **N/A**
WELL DEPTH (ft): **---**
WELL CASING DIAM. (in): **---**
BOREHOLE DIAM. (in):**3.25**
LOGGED BY: **K. Shugart, PG**
CHECKED BY:

Date/ Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (inches)	Blow Count	Headspace PID (ppm)	Depth (feet)	Borehole Backfill
		AF	Concrete.							Concrete 0'-1'
		SM	Silty sand (SM), brown (10YR 4/2), loose, dry, fine sand (60%) and silt (40%), no odor or staining.							
			Color change to dark yellowish brown (10YR 4/4), medium dense to dense.		13:56 B05(1-2)SO			2.0		Hydrated bentonite chips 1'-4'
					14:01 B05(3-4)SO			1.5		
			Borehole terminated at 4 feet bgs. No refusal, no groundwater encountered. B05 was backfilled on 1/17/22 at 14:04.							
5									5	
10									10	
15									15	

STANTEC_JOBS_2021 GINT_LOGS_FAIR_PARK.GPJ STANTECUS1342.GDT 3/31/22

PROJECT: **Fair Park Phase II ESA**
LOCATION: **4105 South Fitzhugh Ave, Dallas, TX 75210**
PROJECT NUMBER: **185751311**

WELL/BOREHOLE ID: **B06**

Stantec

DATE: STARTED **1/17/2022** COMPLETED: **1/17/2022**
TIME: STARTED **1:24:00 PM** COMPLETED: **1:35:00 PM**
DRILLING COMPANY: **Sunbelt Industrial Services**
DRILLING EQUIPMENT: **3.25" Hand Auger**
DRILLING METHOD: **Hand Auger**
SAMPLING EQUIPMENT: **Grab**

NORTHING (ft):
EASTING (ft):
LATITUDE: **32.77730**
LONGITUDE: **-96.75429**
GROUND ELEV (ft): **~443 ft AMSL**
TOC ELEV (ft): **NA**
INITIAL DTW (ft): **N/A**
BOREHOLE DEPTH (ft): **4.0**
STATIC DTW (ft): **N/A**
WELL DEPTH (ft): **---**
WELL CASING DIAM. (in): **---**
BOREHOLE DIAM. (in):**3.25**
LOGGED BY: **K. Shugart, PG**
CHECKED BY:

Date/ Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (inches)	Blow Count	Headspace PID (ppm)	Depth (feet)	Borehole Backfill
		AF	Concrete.							Concrete 0'-1'
		SM	Silty sand (SM), brown (10YR 4/3), loose, dry, fine sand (55%), silt (30%), coarse sand (10%), fine gravel (5%) up to 5 mm, rootlets.							
		CH	Fat clay (CH), very dark gray (10YR 3/1), very stiff, dry, clay (100%), no odor or staining.		13:30 B06(1-2)SO			2.7		
		SP	Poorly graded sand (SP), yellowish brown (10YR 5/6), loose, dry, fine sand (75%), medium sand (15%), coarse sand (5%), fine to coarse gravel (5%) up to 30 mm, no odor or staining. Color change to light yellowish brown (10YR 6/4).		13:34 B06(3-4)SO			2.5		Hydrated bentonite chips 1'-4'
			Borehole terminated at 4 feet bgs. No refusal, no groundwater encountered. B06 was backfilled on 1/17/22 at 13:36.							
5									5	
10									10	
15									15	

STANTEC_JOBS_2021 GINT_LOGS_FAIR_PARK.GPJ STANTECUS1342.GDT 3/31/22

PROJECT: **Fair Park Phase II ESA**
LOCATION: **4105 South Fitzhugh Ave, Dallas, TX 75210**
PROJECT NUMBER: **185751311**

WELL/BOREHOLE ID: **B07**

Stantec

DATE: STARTED **1/18/2022** COMPLETED: **1/18/2022**
TIME: STARTED **10:00:00 AM** COMPLETED: **10:07:00 AM**
DRILLING COMPANY: **Sunbelt Industrial Services**
DRILLING EQUIPMENT: **3.25" Hand Auger**
DRILLING METHOD: **Hand Auger**
SAMPLING EQUIPMENT: **Grab**

NORTHING (ft):
EASTING (ft):
LATITUDE: **32.77809**
LONGITUDE: **-96.75342**
GROUND ELEV (ft): **~450 ft AMSL**
TOC ELEV (ft): **NA**
INITIAL DTW (ft): **N/A**
BOREHOLE DEPTH (ft): **4.0**
STATIC DTW (ft): **N/A**
WELL DEPTH (ft): **---**
WELL CASING DIAM. (in): **---**
BOREHOLE DIAM. (in):**3.25**
LOGGED BY: **K. Shugart, PG**
CHECKED BY:

Date/ Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (inches)	Blow Count	Headspace PID (ppm)	Depth (feet)	Borehole Backfill
		AF	Concrete.							Concrete 0'-1'
		CH	Sandy fat clay (CH), very dark gray (10YR 3/1), stiff, dry, clay (65%), fine sand (20%), coarse sand (10%), fine gravel (5%) up to 8 mm, high plasticity, no odor or staining, chalk fragments, rootlets.		10:05 B07(1-2)SO			2.4		
		SM	Silty sand (SM), brown (10YR 4/2), medium dense to dense, dry, fine sand (45%), silt (35%), coarse sand (15%), fine gravel (5%) up to 10 mm, no odor or staining, rootlets, chalk fragments.		10:10 B07(3-4)SO			1.7		Hydrated bentonite chips 1'-4'
			Borehole terminated at 4 feet bgs. No refusal, no groundwater encountered. B07 was backfilled on 1/18/22 at 13:36.						5	
5									10	
10									15	
15										

STANTEC_JOBS_2021 GINT_LOGS_FAIR_PARK.GPJ STANTECUS1342.GDT 3/31/22

PROJECT: **Fair Park Phase II ESA**
LOCATION: **4105 South Fitzhugh Ave, Dallas, TX 75210**
PROJECT NUMBER: **185751311**

WELL/BOREHOLE ID: **B08**

Stantec

DATE: STARTED **1/18/2022** COMPLETED: **1/18/2022**
TIME: STARTED **9:39:00 AM** COMPLETED: **9:48:00 AM**
DRILLING COMPANY: **Sunbelt Industrial Services**
DRILLING EQUIPMENT: **3.25" Hand Auger**
DRILLING METHOD: **Hand Auger**
SAMPLING EQUIPMENT: **Grab**

NORTHING (ft):
EASTING (ft):
LATITUDE: **32.77874**
LONGITUDE: **-96.75274**
GROUND ELEV (ft): **~450 ft AMSL**
TOC ELEV (ft): **NA**
INITIAL DTW (ft): **N/A**
BOREHOLE DEPTH (ft): **4.0**
STATIC DTW (ft): **N/A**
WELL DEPTH (ft): **---**
WELL CASING DIAM. (in): **---**
BOREHOLE DIAM. (in):**3.25**
LOGGED BY: **K. Shugart, PG**
CHECKED BY:

Date/ Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (inches)	Blow Count	Headspace PID (ppm)	Depth (feet)	Borehole Backfill
		AF	Concrete.							Concrete 0'-1'
		CH	Fat clay with sand (CH), very dark gray (10YR 3/1), stiff, dry, clay (80%) and fine sand (20%), high plasticity, no odor or staining.		09:43 B08(1-2)SO			2.4		Hydrated bentonite chips 1'-4'
					09:51 B08(3-4)SO			1.5		
			Borehole terminated at 4 feet bgs. No refusal, no groundwater encountered. B08 was backfilled on 1/18/22 at 09:51.							
5									5	
10									10	
15									15	

STANTEC_JOBS_2021 GINT_LOGS_FAIR_PARK.GPJ STANTECUS1342.GDT 3/31/22

PROJECT: **Fair Park Phase II ESA**
LOCATION: **4105 South Fitzhugh Ave, Dallas, TX 75210**
PROJECT NUMBER: **185751311**

WELL/BOREHOLE ID: **B09**

Stantec

DATE: STARTED **1/17/2022** COMPLETED: **1/17/2022**
TIME: STARTED **11:00:00 AM** COMPLETED: **11:15:00 AM**
DRILLING COMPANY: **Sunbelt Industrial Services**
DRILLING EQUIPMENT: **3.25" Hand Auger**
DRILLING METHOD: **Hand Auger**
SAMPLING EQUIPMENT: **Grab**

NORTHING (ft):
EASTING (ft):
LATITUDE: **32.77677**
LONGITUDE: **-96.75405**
GROUND ELEV (ft): **~436 ft AMSL**
TOC ELEV (ft): **NA**
INITIAL DTW (ft): **N/A**
BOREHOLE DEPTH (ft): **4.0**
STATIC DTW (ft): **N/A**
WELL DEPTH (ft): **---**
WELL CASING DIAM. (in): **---**
BOREHOLE DIAM. (in):**3.25**
LOGGED BY: **K. Shugart, PG**
CHECKED BY:

Date/ Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (inches)	Blow Count	Headspace PID (ppm)	Depth (feet)	Borehole Backfill
		AF	Concrete.							Concrete 0'-1'
		SM	Silty sand (SM), dark yellowish brown (10YR 4/4), medium dense to dense, dry, fine sand (55%), silt (30%), coarse sand (10%), medium sand (5%), no odor or staining, few concrete fragments.		11:11 B09(1-2)SO DUP01			3.3		
			No concrete fragments.							Hydrated bentonite chips 1'-4'
					11:16 B09(3-4)SO			2.8		
			Borehole terminated at 4 feet bgs. No refusal, no groundwater encountered. B09 was backfilled on 1/17/22 at 11:17.							
5									5	
10									10	
15									15	

STANTEC_JOBS_2021 GINT_LOGS_FAIR_PARK.GPJ STANTECUS1342.GDT 3/31/22

PROJECT: **Fair Park Phase II ESA**
LOCATION: **4105 South Fitzhugh Ave, Dallas, TX 75210**
PROJECT NUMBER: **185751311**

WELL/BOREHOLE ID: **B10**

DATE: STARTED **1/17/2022** COMPLETED: **1/17/2022**
TIME: STARTED **1:03:00 PM** COMPLETED: **1:10:00 PM**
DRILLING COMPANY: **Sunbelt Industrial Services**
DRILLING EQUIPMENT: **3.25" Hand Auger**
DRILLING METHOD: **Hand Auger**
SAMPLING EQUIPMENT: **Grab**

NORTHING (ft):
EASTING (ft):
LATITUDE: **32.77730**
LONGITUDE: **-96.75341**
GROUND ELEV (ft): **~450 ft AMSL**
TOC ELEV (ft): **NA**
INITIAL DTW (ft): **N/A**
BOREHOLE DEPTH (ft): **4.0**
STATIC DTW (ft): **N/A**
WELL DEPTH (ft): **---**
WELL CASING DIAM. (in): **---**
BOREHOLE DIAM. (in):**3.25**
LOGGED BY: **K. Shugart, PG**
CHECKED BY:

Date/ Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (inches)	Blow Count	Headspace PID (ppm)	Depth (feet)	Borehole Backfill
		AF	Concrete.							Concrete 0'-1'
		SM	Silty sand (SM), pale brown (10YR 6/3), medium dense, dry, fine sand (50%), silt (40%), coarse sand (10%), no odor or staining, few black mottling, concrete fragments.		13:10 B10(1-2)SO			2.1		
		SP	Color change to yellowish brown (10YR 5/6), no concrete fragments. Poorly graded sand (SP), yellowish brown (10YR 5/6) grades to light yellowish brown (10YR 6/4), loose, dry, fine sand (100%), no odor or staining.		13:12 B10(3-4)SO			2.0		Hydrated bentonite chips 1'-4'
			Borehole terminated at 4 feet bgs. No refusal, no groundwater encountered. B10 was backfilled on 1/17/22 at 13:11.							
5									5	
10									10	
15									15	

STANTEC_JOBS_2021 GINT_LOGS_FAIR_PARK.GPJ STANTECUS1342.GDT 3/31/22

PROJECT: **Fair Park Phase II ESA**
LOCATION: **4105 South Fitzhugh Ave, Dallas, TX 75210**
PROJECT NUMBER: **185751311**

WELL/BOREHOLE ID: **B11**

Stantec

DATE: STARTED **1/18/2022** COMPLETED: **1/18/2022**
TIME: STARTED **12:40:00 PM** COMPLETED: **12:45:00 PM**
DRILLING COMPANY: **Sunbelt Industrial Services**
DRILLING EQUIPMENT: **Hand Auger**
DRILLING METHOD: **Hand Auger**
SAMPLING EQUIPMENT: **Grab**

NORTHING (ft):
LATITUDE: **32.77809**
GROUND ELEV (ft): **~450 ft AMSL**
INITIAL DTW (ft): **N/A**
STATIC DTW (ft): **N/A**
WELL CASING DIAM. (in): **---**
LOGGED BY: **K. Shugart, PG**

EASTING (ft):
LONGITUDE: **-96.75250**
TOC ELEV (ft): **NA**
BOREHOLE DEPTH (ft): **4.0**
WELL DEPTH (ft): **---**
BOREHOLE DIAM. (in):**3.25**
CHECKED BY:

Date/ Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (inches)	Blow Count	Headspace PID (ppm)	Depth (feet)	Borehole Backfill
		AF	Concrete.							Concrete 0'-1'
		CH	Sandy fat clay (CH), brown (10YR 4/3), stiff, dry, clay (65%), fine sand (20%), coarse sand (10%), medium sand (5%), high plasticity, no odor or staining.		12:45 B11(1-2)SO DUP03			4.3		
			While chalk fragments.							Hydrated bentonite chips 1'-4'
					12:49 B11(3-4)SO			3.4		
			Borehole terminated at 4 feet bgs. No refusal, no groundwater encountered. B11 was backfilled on 1/18/22 at 12:48.							
5									5	
10									10	
15									15	

STANTEC_JOBS_2021 GINT_LOGS_FAIR_PARK.GPJ STANTECUS1342.GDT 3/31/22

PROJECT: **Fair Park Phase II ESA**
LOCATION: **4105 South Fitzhugh Ave, Dallas, TX 75210**
PROJECT NUMBER: **185751311**

WELL/BOREHOLE ID: **B12**

Stantec

DATE: STARTED **1/18/2022** COMPLETED: **1/18/2022**
TIME: STARTED **10:22:00 AM** COMPLETED: **10:30:00 AM**
DRILLING COMPANY: **Sunbelt Industrial Services**
DRILLING EQUIPMENT: **Hand Auger**
DRILLING METHOD: **Hand Auger**
SAMPLING EQUIPMENT: **Grab**

NORTHING (ft):
LATITUDE: **32.77871**
GROUND ELEV (ft): **~450 ft AMSL**
INITIAL DTW (ft): **N/A**
STATIC DTW (ft): **N/A**
WELL CASING DIAM. (in): **---**
LOGGED BY: **K. Shugart, PG**

EASTING (ft):
LONGITUDE: **-96.75186**
TOC ELEV (ft): **NA**
BOREHOLE DEPTH (ft): **4.0**
WELL DEPTH (ft): **---**
BOREHOLE DIAM. (in):**3.25**
CHECKED BY:

Date/ Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (inches)	Blow Count	Headspace PID (ppm)	Depth (feet)	Borehole Backfill
		AF	Concrete.							Concrete 0'-1'
		SM	Silty sand (SM), grayish brown (10YR 5/2), loose with dense clods, dry, fine sand (50%), silt (40%), coarse sand (10%), no odor or staining, few rootlets.		10:27 B12(1-2)SO			2.0		
			Color change to very dark grayish brown (10YR 3/2), dense.		10:31 B12(3-4)SO			2.1		Hydrated bentonite chips 1'-4'
			Borehole terminated at 4 feet bgs. No refusal, no groundwater encountered. B12 was backfilled on 1/18/22 at 10:33.							
5									5	
10									10	
15									15	

STANTEC_JOBS_2021 GINT_LOGS_FAIR_PARK.GPJ STANTECUS1342.GDT 3/31/22

PROJECT: **Fair Park Phase II ESA**
LOCATION: **4105 South Fitzhugh Ave, Dallas, TX 75210**
PROJECT NUMBER: **185751311**

WELL/BOREHOLE ID: **B13**

Stantec

DATE: STARTED **1/17/2022** COMPLETED: **1/17/2022**
TIME: STARTED **8:40:00 AM** COMPLETED: **9:00:00 AM**
DRILLING COMPANY: **Sunbelt Industrial Services**
DRILLING EQUIPMENT: **Hand Auger**
DRILLING METHOD: **Hand Auger**
SAMPLING EQUIPMENT: **Grab**

NORTHING (ft):
LATITUDE: **32.77609**
GROUND ELEV (ft): **~433 ft AMSL**
INITIAL DTW (ft): **N/A**
STATIC DTW (ft): **N/A**
WELL CASING DIAM. (in): **---**
LOGGED BY: **K. Shugart, PG**

EASTING (ft):
LONGITUDE: **-96.75411**
TOC ELEV (ft): **NA**
BOREHOLE DEPTH (ft): **4.0**
WELL DEPTH (ft): **---**
BOREHOLE DIAM. (in):**3.25**
CHECKED BY:

Date/ Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (inches)	Blow Count	Headspace PID (ppm)	Depth (feet)	Borehole Backfill
		SM	Silty sand (SM), dark grayish brown (10YR 4/2), medium dense, dry, fine sand (55%), silt (40%), fine to coarse gravel (5%) up to 20 mm, no odor or staining, rootlets.		09:00 B13(1-2)SO			0.8		Concrete 0'-1'
			Decrease gravel.		09:05 B13(3-4)SO			6.3		Hydrated bentonite chips 1'-4'
			Borehole terminated at 4 feet bgs. No refusal, no groundwater encountered. B13 was backfilled on 1/17/22 at 09:05.							
5									5	
10									10	
15									15	

STANTEC_JOBS_2021 GINT_LOGS_FAIR_PARK.GPJ STANTECUS1342.GDT 3/31/22

PROJECT: **Fair Park Phase II ESA**
LOCATION: **4105 South Fitzhugh Ave, Dallas, TX 75210**
PROJECT NUMBER: **185751311**

WELL/BOREHOLE ID: **B14**

Stantec

DATE: STARTED **1/17/2022** COMPLETED: **1/17/2022**
TIME: STARTED **12:44:00 PM** COMPLETED: **12:53:00 PM**
DRILLING COMPANY: **Sunbelt Industrial Services**
DRILLING EQUIPMENT: **Hand Auger**
DRILLING METHOD: **Hand Auger**
SAMPLING EQUIPMENT: **Grab**

NORTHING (ft):
LATITUDE: **32.77661**
GROUND ELEV (ft): **~440 ft AMSL**
INITIAL DTW (ft): **N/A**
STATIC DTW (ft): **N/A**
WELL CASING DIAM. (in): **---**
LOGGED BY: **K. Shugart, PG**

EASTING (ft):
LONGITUDE: **-96.75348**
TOC ELEV (ft): **NA**
BOREHOLE DEPTH (ft): **4.0**
WELL DEPTH (ft): **---**
BOREHOLE DIAM. (in):**3.25**
CHECKED BY:

Date/ Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (inches)	Blow Count	Headspace PID (ppm)	Depth (feet)	Borehole Backfill
		AF	Concrete.							Concrete 0'-1'
		SM	Silty sand (SM), brown (10YR 4/3), medium dense to dense, dry, fine sand (55%), silt (40%), coarse sand (5%), no odor or staining.		12:50 B14(1-2)SO			3.6		Hydrated bentonite chips 1'-4'
					12:55 B14(3-4)SO			2.1		
			Borehole terminated at 4 feet bgs. No refusal, no groundwater encountered. B14 was backfilled on 1/17/22 at 12:55.							
5									5	
10									10	
15									15	

STANTEC_JOBS_2021 GINT_LOGS_FAIR_PARK.GPJ STANTECUS1342.GDT 3/31/22

PROJECT: **Fair Park Phase II ESA**
LOCATION: **4105 South Fitzhugh Ave, Dallas, TX 75210**
PROJECT NUMBER: **185751311**

WELL/BOREHOLE ID: **B15**

Stantec

DATE: STARTED **1/18/2022** COMPLETED: **1/18/2022**
TIME: STARTED **1:21:00 PM** COMPLETED: **1:31:00 PM**
DRILLING COMPANY: **Sunbelt Industrial Services**
DRILLING EQUIPMENT: **Hand Auger**
DRILLING METHOD: **Hand Auger**
SAMPLING EQUIPMENT: **Grab**

NORTHING (ft):
LATITUDE: **32.77745**
GROUND ELEV (ft): **~446 ft AMSL**
INITIAL DTW (ft): **N/A**
STATIC DTW (ft): **N/A**
WELL CASING DIAM. (in): **---**
LOGGED BY: **K. Shugart, PG**

EASTING (ft):
LONGITUDE: **-96.75257**
TOC ELEV (ft): **NA**
BOREHOLE DEPTH (ft): **4.0**
WELL DEPTH (ft): **---**
BOREHOLE DIAM. (in):**3.25**
CHECKED BY:

Date/ Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (inches)	Blow Count	Headspace PID (ppm)	Depth (feet)	Borehole Backfill
		AF	Concrete.							Concrete 0'-1'
		SM	Silty sand (SM), brown (10YR 4/3), dense, dry, fine sand (60%) and silt (40%), no odor or staining.							
		CH	Sandy fat clay (CH), brown (10YR 4/3), stiff, dry, clay (55%), fine sand (40%), coarse sand (5%), high plasticity, no odor or staining.		13:26 B15(1-2)SO DUP04			4.5		Hydrated bentonite chips 1'-4'
					13:32 B15(3-4)SO			3.6		
			Borehole terminated at 4 feet bgs. No refusal, no groundwater encountered. B15 was backfilled on 1/18/22 at 13:34.							
5									5	
10									10	
15									15	

STANTEC_JOBS_2021 GINT_LOGS_FAIR_PARK.GPJ STANTECUS1342.GDT 3/31/22

PROJECT: **Fair Park Phase II ESA**
LOCATION: **4105 South Fitzhugh Ave, Dallas, TX 75210**
PROJECT NUMBER: **185751311**

WELL/BOREHOLE ID: **B16**

Stantec

DATE: STARTED **1/18/2022** COMPLETED: **1/18/2022**
TIME: STARTED **10:42:00 AM** COMPLETED: **10:53:00 AM**
DRILLING COMPANY: **Sunbelt Industrial Services**
DRILLING EQUIPMENT: **Hand Auger**
DRILLING METHOD: **Hand Auger**
SAMPLING EQUIPMENT: **Grab**

NORTHING (ft):
LATITUDE: **32.77805**
GROUND ELEV (ft): **~450 ft AMSL**
INITIAL DTW (ft): **N/A**
STATIC DTW (ft): **N/A**
WELL CASING DIAM. (in): **---**
LOGGED BY: **K. Shugart, PG**

EASTING (ft):
LONGITUDE: **-96.75195**
TOC ELEV (ft): **NA**
BOREHOLE DEPTH (ft): **4.0**
WELL DEPTH (ft): **---**
BOREHOLE DIAM. (in):**3.25**
CHECKED BY:

Date/ Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (inches)	Blow Count	Headspace PID (ppm)	Depth (feet)	Borehole Backfill
		AF	Concrete.							Concrete 0'-1'
		CH	Sandy fat clay (CH), very dark grayish brown (10YR 3/2), stiff, dry, clay (60%), fine sand (30%), coarse sand (10%), high plasticity, no odor or staining, rootlets.		10:46 B16(1-2)SO			3.7		Hydrated bentonite chips 1'-4'
					10:54 B16(3-4)SO			3.0		
			Borehole terminated at 4 feet bgs. No refusal, no groundwater encountered. B16 was backfilled on 1/18/22 at 10:55.							
5									5	
10									10	
15									15	

STANTEC_JOBS_2021 GINT_LOGS_FAIR_PARK.GPJ STANTECUS1342.GDT 3/31/22

PROJECT: **Fair Park Phase II ESA**
LOCATION: **4105 South Fitzhugh Ave, Dallas, TX 75210**
PROJECT NUMBER: **185751311**

WELL/BOREHOLE ID: **B17**

Stantec

DATE: STARTED **1/17/2022** COMPLETED: **1/17/2022**
TIME: STARTED **9:23:00 AM** COMPLETED: **9:33:00 AM**
DRILLING COMPANY: **Sunbelt Industrial Services**
DRILLING EQUIPMENT: **Hand Auger**
DRILLING METHOD: **Hand Auger**
SAMPLING EQUIPMENT: **Grab**

NORTHING (ft):
EASTING (ft):
LATITUDE: **32.77554**
LONGITUDE: **-96.75406**
GROUND ELEV (ft): **~433 ft AMSL**
TOC ELEV (ft): **NA**
INITIAL DTW (ft): **N/A**
BOREHOLE DEPTH (ft): **4.0**
STATIC DTW (ft): **N/A**
WELL DEPTH (ft): **---**
WELL CASING DIAM. (in): **---**
BOREHOLE DIAM. (in):**3.25**
LOGGED BY: **K. Shugart, PG**
CHECKED BY:

Date/ Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (inches)	Blow Count	Headspace PID (ppm)	Depth (feet)	Borehole Backfill
		AF	Concrete.							Concrete 0'-1'
		SM	Silty sand (SM), dark yellowish brown (10YR 4/4), medium dense, dry, fine sand (60%) and silt (40%), no odor or staining.		09:27 B17(1-2)SO			3.2		
		CH	Fat clay (CH), very dark gray (10YR 3/1), stiff, dry, clay (100%), no odor or staining.							Hydrated bentonite chips 1'-4'
		SM	Silty sand (SM), very dark grayish brown (10YR 3/2), dense, dry, fine sand (50%), silt (40%), coarse sand (5%), fine gravel (5%), no odor or staining, shell fragments.		09:34 B17(3-4)SO			3.3		
5			Borehole terminated at 4 feet bgs. No refusal, no groundwater encountered. B17 was backfilled on 1/17/22 at 09:43.						5	
10									10	
15									15	

STANTEC_JOBS_2021 GINT_LOGS_FAIR_PARK.GPJ STANTECUS1342.GDT 3/31/22

PROJECT: **Fair Park Phase II ESA**
LOCATION: **4105 South Fitzhugh Ave, Dallas, TX 75210**
PROJECT NUMBER: **185751311**

WELL/BOREHOLE ID:
B18

Stantec

DATE: STARTED **1/17/2022** COMPLETED: **1/17/2022**
TIME: STARTED **9:57:00 AM** COMPLETED: **10:25:00 AM**
DRILLING COMPANY: **Sunbelt Industrial Services**
DRILLING EQUIPMENT: **Hand Auger**
DRILLING METHOD: **Hand Auger**
SAMPLING EQUIPMENT: **Grab**

NORTHING (ft):
LATITUDE: **32.77614**
GROUND ELEV (ft): **~433 ft AMSL**
INITIAL DTW (ft): **N/A**
STATIC DTW (ft): **N/A**
WELL CASING DIAM. (in): **---**
LOGGED BY: **K. Shugart, PG**

EASTING (ft):
LONGITUDE: **-96.75337**
TOC ELEV (ft): **NA**
BOREHOLE DEPTH (ft): **4.0**
WELL DEPTH (ft): **---**
BOREHOLE DIAM. (in):**3.25**
CHECKED BY:

Date/ Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (inches)	Blow Count	Headspace PID (ppm)	Depth (feet)	Borehole Backfill
		SM	Silty sand (SM), dark brown (7.5 YR 3/4), loose to medium dense, dry, fine sand (70%) and silt (30%), trace fine gravel up to 10 mm, no odor or staining, roots and rootlets.							Concrete 0'-1'
			Color change to reddish brown (5YR 4/4).		10:18 B18(1-2)SO			2.0		Hydrated bentonite chips 1'-4'
					10:27 B18(3-4)SO			1.1		
			Borehole terminated at 4 feet bgs. No refusal, no groundwater encountered. B18 was backfilled on 1/17/22 at 10:25.							
5									5	
10									10	
15									15	

STANTEC_JOBS_2021 GINT_LOGS_FAIR_PARK.GPJ STANTECUS1342.GDT 3/31/22

PROJECT: **Fair Park Phase II ESA**
LOCATION: **4105 South Fitzhugh Ave, Dallas, TX 75210**
PROJECT NUMBER: **185751311**

WELL/BOREHOLE ID: **B19**

Stantec

DATE: STARTED **1/17/2022** COMPLETED: **1/17/2022**
TIME: STARTED **10:35:00 AM** COMPLETED: **10:46:00 AM**
DRILLING COMPANY: **Sunbelt Industrial Services**
DRILLING EQUIPMENT: **Hand Auger**
DRILLING METHOD: **Hand Auger**
SAMPLING EQUIPMENT: **Grab**

NORTHING (ft):
LATITUDE: **32.77670**
GROUND ELEV (ft): **~433 ft AMSL**
INITIAL DTW (ft): **N/A**
STATIC DTW (ft): **N/A**
WELL CASING DIAM. (in): **---**
LOGGED BY: **K. Shugart, PG**

EASTING (ft):
LONGITUDE: **-96.75275**
TOC ELEV (ft): **NA**
BOREHOLE DEPTH (ft): **4.0**
WELL DEPTH (ft): **---**
BOREHOLE DIAM. (in):**3.25**
CHECKED BY:

Date/ Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (inches)	Blow Count	Headspace PID (ppm)	Depth (feet)	Borehole Backfill
		AF	Concrete.							Concrete 0'-1'
		GW SP	Well graded gravel (GW), gray (10YR 5/1), loose, dry, fine to coarse gravel (90%) and coarse sand (10%). Poorly graded sand (SP), reddish brown (5YR 4/4), loose to medium dense, dry, fine sand (100%), no odor or staining.		10:41 B19(1-2)SO			1.0		Hydrated bentonite chips 1'-4'
			Color change to strong brown (7.5YR 5/6). Color change to very pale brown (10YR 7/4).		10:45 B19(3-4)SO			0.9		
			Borehole terminated at 4 feet bgs. No refusal, no groundwater encountered. B19 was backfilled on 1/17/22 at 10:48.							
5									5	
10									10	
15									15	

STANTEC_JOBS_2021 GINT_LOGS_FAIR_PARK.GPJ STANTECUS1342.GDT 3/31/22

PROJECT: **Fair Park Phase II ESA**
LOCATION: **4105 South Fitzhugh Ave, Dallas, TX 75210**
PROJECT NUMBER: **185751311**

WELL/BOREHOLE ID: **B20**

Stantec

DATE: STARTED **1/18/2022** COMPLETED: **1/18/2022**
TIME: STARTED **1:00:00 PM** COMPLETED: **1:06:00 PM**
DRILLING COMPANY: **Sunbelt Industrial Services**
DRILLING EQUIPMENT: **Hand Auger**
DRILLING METHOD: **Hand Auger**
SAMPLING EQUIPMENT: **Grab**

NORTHING (ft):
LATITUDE: **32.77746**
GROUND ELEV (ft): **~446 ft AMSL**
INITIAL DTW (ft): **N/A**
STATIC DTW (ft): **N/A**
WELL CASING DIAM. (in): **---**
LOGGED BY: **K. Shugart, PG**

EASTING (ft):
LONGITUDE: **-96.75187**
TOC ELEV (ft): **NA**
BOREHOLE DEPTH (ft): **4.0**
WELL DEPTH (ft): **---**
BOREHOLE DIAM. (in):**3.25**
CHECKED BY:

Date/ Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (inches)	Blow Count	Headspace PID (ppm)	Depth (feet)	Borehole Backfill
		AF	Concrete.							Concrete 0'-1'
		CH	Sandy fat clay (CH), very dark gray (10YR 3/1), stiff, dry, clay (70%) and fine sand (30%), high plasticity, no odor or staining.							
		SM	Silty sand (SM), brown (10YR 4/3), dense, dry, fine sand (60%) and silt (40%), no odor or staining.		13:05 B20(1-2)SO MS/MSD			4.0		Hydrated bentonite chips 1'-4'
			Increase coarse fraction, gravel (5%), coarse sand (10%), fine sand (55%), silt (30%).		13:11 B20(3-4)SO			3.9		
			Borehole terminated at 4 feet bgs. No refusal, no groundwater encountered. B20 was backfilled on 1/18/22 at 13:10.							
5									5	
10									10	
15									15	

STANTEC_JOBS_2021 GINT_LOGS_FAIR_PARK.GPJ STANTECUS1342.GDT 3/31/22

PROJECT: **Fair Park Phase II ESA**
LOCATION: **4105 South Fitzhugh Ave, Dallas, TX 75210**
PROJECT NUMBER: **185751311**

WELL/BOREHOLE ID: **B21**

Stantec

DATE: STARTED **1/18/2022** COMPLETED: **1/18/2022**
TIME: STARTED **1:00:00 PM** COMPLETED: **1:06:00 PM**
DRILLING COMPANY: **Sunbelt Industrial Services**
DRILLING EQUIPMENT: **Hand Auger**
DRILLING METHOD: **Hand Auger**
SAMPLING EQUIPMENT: **Grab**

NORTHING (ft):
LATITUDE: **32.77814**
GROUND ELEV (ft): **~450 ft AMSL**
INITIAL DTW (ft): **N/A**
STATIC DTW (ft): **N/A**
WELL CASING DIAM. (in): **---**
LOGGED BY: **K. Shugart, PG**

EASTING (ft):
LONGITUDE: **-96.75120**
TOC ELEV (ft): **NA**
BOREHOLE DEPTH (ft): **4.0**
WELL DEPTH (ft): **---**
BOREHOLE DIAM. (in):**3.25**
CHECKED BY:

Date/ Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (inches)	Blow Count	Headspace PID (ppm)	Depth (feet)	Borehole Backfill
		AF	Concrete.							Concrete 0'-1'
		CH	Sandy fat clay (CH), very dark gray (10YR 3/1) with dark grayish brown mottling (10YR 3/4), stiff, dry, clay (65%) and fine sand (35%), high plasticity, no odor or staining. Color change to black (10YR 2/1).		12:20 B21(1-2)SO DUP02			4.1		Hydrated bentonite chips 1'-4'
					12:25 B21(3-4)SO			3.0		
			Borehole terminated at 4 feet bgs. No refusal, no groundwater encountered. B21 was backfilled on 1/18/22 at 12:26.							
5									5	
10									10	
15									15	

STANTEC_JOBS_2021 GINT_LOGS_FAIR_PARK.GPJ STANTECUS1342.GDT 3/31/22

PROJECT: **Fair Park Phase II ESA**
LOCATION: **4105 South Fitzhugh Ave, Dallas, TX 75210**
PROJECT NUMBER: **185751311**

WELL/BOREHOLE ID: **B22**

Stantec

DATE: STARTED **1/19/2022** COMPLETED: **1/19/2022**
TIME: STARTED **9:40:00 AM** COMPLETED: **10:30:00 AM**
DRILLING COMPANY: **Sunbelt Industrial Services**
DRILLING EQUIPMENT: **Hand Auger/6620DT Geoprobe**
DRILLING METHOD: **Hand Auger/Direct Push**
SAMPLING EQUIPMENT: **Grab**

NORTHING (ft):
LATITUDE: **32.77724**
GROUND ELEV (ft): **~450 ft AMSL**
INITIAL DTW (ft): **N/A**
STATIC DTW (ft): **N/A**
WELL CASING DIAM. (in): **---**
LOGGED BY: **K. Shugart, PG**

EASTING (ft):
LONGITUDE: **-96.75309**
TOC ELEV (ft): **NA**
BOREHOLE DEPTH (ft): **15.0**
WELL DEPTH (ft): **---**
BOREHOLE DIAM. (in):**3.25/3**
CHECKED BY:

Date/ Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (inches)	Blow Count	Headspace PID (ppm)	Depth (feet)	Borehole Backfill
		AF	Concrete.					1.1		Concrete 0'-1'
		SM	Silty sand (SM), yellowish brown (10YR 5/4), loose to medium dense, dry, fine sand (50%), silt (30%), coarse sand (15%), fine gravel (5%) up to 15 mm, no odor or staining, chalk fragments.					0.7		
					10:30 B22(2-3)SO DUP05			1.3		
								1.1		
								0.9		
5		CH	Fat clay with sand (CH), light brownish gray (10YR 6/2), stiff, dry, clay (85%) and fine sand (15%), high plasticity.					2.1	5	
		SM	Silty sand (SM), light yellowish brown (10YR 6/4), loose to medium dense, fine sand (60%) and silt (40%), no odor or staining.					1.6		
		CH	Fat clay (CH), brown (10YR 4/3), stiff, dry, clay (100%), high plasticity, no odor or staining.		11:15 B22(7-8)SO			2.3		Hydrated bentonite chips 1'-4'
		SP	Poorly graded sand (SP), light yellowish brown (10YR 6/4), loose, dry, fine sand (100%), no odor or staining.					1.7		
								2.3		
10			Color change to pale brown (10YR 6/3), increase medium sand (20%), fine sand (80%).		11:25 B22(10-11)SO			1.9	10	
								1.8		
								1.7		
								1.8		
								1.8		
15			Borehole terminated at 15 feet bgs. No refusal, no groundwater encountered. B22 was backfilled on 1/19/22 at 10:45.						15	

STANTEC_JOBS_2021 GINT_LOGS_FAIR_PARK.GPJ STANTECUS1342.GDT 3/31/22

PROJECT: **Fair Park Phase II ESA**
LOCATION: **4105 South Fitzhugh Ave, Dallas, TX 75210**
PROJECT NUMBER: **185751311**

WELL/BOREHOLE ID: **B23**

Stantec

DATE: STARTED **1/19/2022** COMPLETED: **1/19/2022**
TIME: STARTED **11:00:00 AM** COMPLETED: **12:00:00 PM**
DRILLING COMPANY: **Sunbelt Industrial Services**
DRILLING EQUIPMENT: **Hand Auger/6620DT Geoprobe**
DRILLING METHOD: **Hand Auger/Direct Push**
SAMPLING EQUIPMENT: **Grab**

NORTHING (ft):
EASTING (ft):
LATITUDE: **32.77730**
LONGITUDE: **-96.75304**
GROUND ELEV (ft): **~450 ft AMSL**
TOC ELEV (ft): **NA**
INITIAL DTW (ft): **N/A**
BOREHOLE DEPTH (ft): **15.0**
STATIC DTW (ft): **N/A**
WELL DEPTH (ft): **---**
WELL CASING DIAM. (in): **---**
BOREHOLE DIAM. (in):**3.25/3**
LOGGED BY: **K. Shugart, PG**
CHECKED BY:

Date/ Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (inches)	Blow Count	Headspace PID (ppm)	Depth (feet)	Borehole Backfill
		SM	Silty sand (SM), dark brown (10YR 3/3), loose to medium dense, dry, fine sand (40%), silt (35%), coarse sand (15%), medium sand (5%), fine gravel (5%) up to 8 mm, no odor or staining, rootlets.					1.0		Concrete 0'-1'
								1.1		
			Color change to pale brown (10YR 6/3), chalk fragments.					0.5		
					11:55 B23(3-4)SO MS/MSD			1.2		
								0.9		
5									5	
								1.8		
		SP	Poorly graded sand (SP), yellowish brown (10YR 5/6), loose, dry, fine sand (100%), no odor or staining.					1.9		
		SM	Silty sand (SM), light yellowish brown (10YR 6/4), medium dense to dense, dry, fine sand (60%) and silt (40%), no odor or staining, chalk fragments.					1.8		
		SP	Poorly graded sand (SP), yellowish brown (10YR 5/6), loose, dry, fine sand (100%), no odor or staining.		12:25 B23(8-9)SO			2.3		Hydrated bentonite chips 1'-4'
								2.1		
10									10	
								2.1		
			Color change to light yellowish brown (10YR 6/4), increase coarse sand (15%), fine sand (85%), shell fragments.		12:42 B23(11-12)SO			2.7		
								1.7		
								1.9		
								1.3		
15			Borehole terminated at 15 feet bgs. No refusal, no groundwater encountered. B23 was backfilled on 1/19/22 at 12:15.						15	

STANTEC_JOBS_2021 GINT_LOGS_FAIR_PARK.GPJ STANTECUS1342.GDT 3/31/22

PROJECT: **Fair Park Phase II ESA**
LOCATION: **4105 South Fitzhugh Ave, Dallas, TX 75210**
PROJECT NUMBER: **185751311**

WELL/BOREHOLE ID: **B24**

Stantec

DATE: STARTED **1/19/2022** COMPLETED: **1/19/2022**
TIME: STARTED **1:30:00 PM** COMPLETED: **3:30:00 PM**
DRILLING COMPANY: **Sunbelt Industrial Services**
DRILLING EQUIPMENT: **HA/6620DT Geoprobe/Hollow Stem Auger**
DRILLING METHOD: **Hand Auger/Direct Push/Hollow Stem Auger**
SAMPLING EQUIPMENT: **Grab**

NORTHING (ft):
LATITUDE: **32.77718**
GROUND ELEV (ft): **~450 ft AMSL**
INITIAL DTW (ft): **36 1/19/22**
STATIC DTW (ft): **34.52 1/20/22**
WELL CASING DIAM. (in): **2**
LOGGED BY: **K. Shugart, PG**

EASTING (ft):
LONGITUDE: **-96.75298**
TOC ELEV (ft): **NA**
BOREHOLE DEPTH (ft): **40.0**
WELL DEPTH (ft): **40.0**
BOREHOLE DIAM. (in): **8.25**
CHECKED BY:

Date/ Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (inches)	Blow Count	Headspace PID (ppm)	Depth (feet)	Well Construction
		SM	Silty sand (SM), dark brown (10YR 3/3), medium dense, dry, fine sand (50%), silt (30%), coarse sand (15%), gravel (5%), no odor or staining, rootlets.					0.4		
								0.4		
		SP	Poorly graded sand (SP), yellowish brown (10YR 5/4), loose, dry, fine sand (100%).					0.6		
								0.6		
			Trace clay and rootlets.		14:00 B24(4-5)SO DUP06			0.8		
5									5	
		CH	Fat clay (CH), brown (10YR 4/3), stiff, dry, clay (90%), coase sand (10%), high plasticity, no odor or staining, chalk fragments.					1.3		
		SP	Poorly graded sand (SP), yellowish brown (10YR 5/4), loose, dry, fine sand (100%).					1.4		
		CH	Fat clay (CH), brown (10YR 4/3), stiff, dry, clay (90%), coase sand (10%), high plasticity, no odor or staining, chalk fragments.					1.6		
		SP	Poorly graded sand (SP), yellowish brown (10YR 5/4), loose, dry, fine sand (100%). Color change to light yellowish brown (10YR 6/4), increase medium sand (15%), fine sand (85%).					2.0		
					14:30 B24(9-10)SO			2.1		
10								1.9	10	
					12:42 B24(11-12)SO			2.1		
15									15	2" PVC blank casing

STANTEC_JOBS_2021 GINT_LOGS_FAIR_PARK.GPJ STANTECUS1342.GDT 3/31/22

PROJECT: **Fair Park Phase II ESA**
LOCATION: **4105 South Fitzhugh Ave, Dallas, TX 75210**
PROJECT NUMBER: **185751311**

WELL/BOREHOLE ID: **B24**

Stantec

DATE: STARTED **1/19/2022** COMPLETED: **1/19/2022**
TIME: STARTED **1:30:00 PM** COMPLETED: **3:30:00 PM**
DRILLING COMPANY: **Sunbelt Industrial Services**
DRILLING EQUIPMENT: **HA/6620DT Geoprobe/Hollow Stem Auger**
DRILLING METHOD: **Hand Auger/Direct Push/Hollow Stem Auger**
SAMPLING EQUIPMENT: **Grab**

NORTHING (ft): EASTING (ft):
LATITUDE: **32.77718** LONGITUDE: **-96.75298**
GROUND ELEV (ft): **~450 ft AMSL** TOC ELEV (ft): **NA**
INITIAL DTW (ft): **36 1/19/22** BOREHOLE DEPTH (ft): **40.0**
STATIC DTW (ft): **34.52 1/20/22** WELL DEPTH (ft): **40.0**
WELL CASING DIAM. (in): **2** BOREHOLE DIAM. (in): **8.25**
LOGGED BY: **K. Shugart, PG** CHECKED BY:

Date/ Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (inches)	Blow Count	Headspace PID (ppm)	Depth (feet)	Well Construction
20		SP	Increase coarse fraction, fine sand (70%), medium sand (15%), coase sand (10%), fine gravel (5%) up to 10 mm.						20	
25		SM	Silty sand (SM), dark yellowish brown (10YR 4/4), loose to medium dense, dry, fine sand (45%), silt (20%), medium sand (20%), coarse sand (10%), fine gravel (5%), no odor or staining.						25	
30		SP	Poorly graded sand (SP), light yellowish brown (10YR 6/4), medium dense, moisture increases with depth, fine sand (100%), no odor or staining.						30	

STANTEC_JOBS_2021 GINT_LOGS_FAIR_PARK.GPJ STANTECUS1342.GDT 3/31/22

PROJECT: **Fair Park Phase II ESA**
LOCATION: **4105 South Fitzhugh Ave, Dallas, TX 75210**
PROJECT NUMBER: **185751311**

WELL/BOREHOLE ID: **B24**

Stantec

DATE: STARTED **1/19/2022** COMPLETED: **1/19/2022**
TIME: STARTED **1:30:00 PM** COMPLETED: **3:30:00 PM**
DRILLING COMPANY: **Sunbelt Industrial Services**
DRILLING EQUIPMENT: **HA/6620DT Geoprobe/Hollow Stem Auger**
DRILLING METHOD: **Hand Auger/Direct Push/Hollow Stem Auger**
SAMPLING EQUIPMENT: **Grab**

NORTHING (ft):
LATITUDE: **32.77718**
GROUND ELEV (ft): **~450 ft AMSL**
INITIAL DTW (ft): **36 1/19/22**
STATIC DTW (ft): **34.52 1/20/22**
WELL CASING DIAM. (in): **2**
LOGGED BY: **K. Shugart, PG**

EASTING (ft):
LONGITUDE: **-96.75298**
TOC ELEV (ft): **NA**
BOREHOLE DEPTH (ft): **40.0**
WELL DEPTH (ft): **40.0**
BOREHOLE DIAM. (in):**8.25**
CHECKED BY:

Date/ Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (inches)	Blow Count	Headspace PID (ppm)	Depth (feet)	Well Construction
35		SP			16:15 B24(35-36)SO				35	2" PVC slotted screen
40			Borehole terminated at 40 feet bgs. Temporary well set on 1/19/22 at 17:00. Groundwater sample B24WG collected on 1/20/22 at 13:45. B24 was backfilled with hydrated bentonite and topped with concrete on 1/20/22 at 14:00.						40	
45									45	
50									50	

STANTEC_JOBS_2021 GINT_LOGS_FAIR_PARK.GPJ STANTECUS1342.GDT 3/31/22

PROJECT: **Fair Park Phase II ESA**
LOCATION: **4105 South Fitzhugh Ave, Dallas, TX 75210**
PROJECT NUMBER: **185751311**

WELL/BOREHOLE ID: **B25**

Stantec

DATE: STARTED **1/19/2022** COMPLETED: **1/19/2022**
TIME: STARTED **8:30:00 AM** COMPLETED: **9:15:00 AM**
DRILLING COMPANY: **Sunbelt Industrial Services**
DRILLING EQUIPMENT: **Hand Auger/6620DT Geoprobe**
DRILLING METHOD: **Hand Auger/Direct Push**
SAMPLING EQUIPMENT: **Grab**

NORTHING (ft):
LATITUDE: **32.77708**
GROUND ELEV (ft): **~440 ft AMSL**
INITIAL DTW (ft): **N/A**
STATIC DTW (ft): **N/A**
WELL CASING DIAM. (in): **---**
LOGGED BY: **K. Shugart, PG**

EASTING (ft):
LONGITUDE: **-96.75294**
TOC ELEV (ft): **NA**
BOREHOLE DEPTH (ft): **15.0**
WELL DEPTH (ft): **---**
BOREHOLE DIAM. (in):**3.25/3**
CHECKED BY:

Date/ Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (inches)	Blow Count	Headspace PID (ppm)	Depth (feet)	Borehole Backfill
		AF	Concrete.					0.8		Concrete 0'-1'
		SM	Silty sand (SM), brown (10YR 4/3), medium dense, dry, fine sand (55%), silt (40%), coarse sand (5%), no odor or staining.		09:05 B25(1-2)SO			1.5		
								1.3		
		SP	Poorly graded sand (SP), yellowish brown (10YR 5/4), loose, dry, fine sand (95%), medium sand (5%), no odor or staining. Color change to light yellowish brown (10YR 6/4), fine sand (100%).					0.6		
								1.3		
5									5	
								1.4		
					09:47 B25(6-7)SO			2.1		
			Increase coarse fraction, fine sand (70%), medium sand (20%), coarse sand (5%), trace fine gravel up to 10 mm.					1.4		Hydrated bentonite chips 1'-4'
								1.7		
10								2.1	10	
								2.1		
								1.2		
					09:57 B25(12-13)SO			2.5		
			Color change to yellowish brown (10YR 5/4), fine sand (65%), medium sand (30%), coarse sand (5%), trace fine gravel. Color change to light yellowish brown (10YR 6/4), fine sand (75%), medium sand (25%).					1.5		
								2.1		
15			Borehole terminated at 15 feet bgs. No refusal, no groundwater encountered. B25 was backfilled on 1/19/22 at 09:30.						15	

STANTEC_JOBS_2021 GINT_LOGS_FAIR_PARK.GPJ STANTECUS1342.GDT 3/31/22

PROJECT: **Fair Park Phase II ESA**
LOCATION: **4105 South Fitzhugh Ave, Dallas, TX 75210**
PROJECT NUMBER: **185751311**

WELL/BOREHOLE ID: **B26**

Stantec

DATE: STARTED **1/20/2022** COMPLETED: **1/20/2022**
TIME: STARTED **9:35:00 AM** COMPLETED: **10:30:00 AM**
DRILLING COMPANY: **Sunbelt Industrial Services**
DRILLING EQUIPMENT: **Hand Auger/6620DT Geoprobe**
DRILLING METHOD: **Hand Auger/Direct Push**
SAMPLING EQUIPMENT: **Grab**

NORTHING (ft):
LATITUDE: **32.77715**
GROUND ELEV (ft): **~446 ft AMSL**
INITIAL DTW (ft): **N/A**
STATIC DTW (ft): **N/A**
WELL CASING DIAM. (in): **---**
LOGGED BY: **K. Shugart, PG**

EASTING (ft):
LONGITUDE: **-96.75285**
TOC ELEV (ft): **NA**
BOREHOLE DEPTH (ft): **15.0**
WELL DEPTH (ft): **---**
BOREHOLE DIAM. (in):**3.25/3**
CHECKED BY:

Date/ Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (inches)	Blow Count	Headspace PID (ppm)	Depth (feet)	Borehole Backfill
		AF	Concrete.					0.7		Concrete 0'-1'
		SM	Silty sand (SM), yellowish brown (10YR 5/4), medium dense, dry, fine sand (60%), silt (35%), medium sand (5%), no odor or staining, rootlets.					0.5		
								1.1		
		SP	Poorly graded sand (SP), brownish yellow (10YR 6/6), loose, dry, fine sand (100%).		10:15 B26(3-4)SO			1.4		
								0.5		
5								2.4	5	
								2.4		
			Color change to light yellowish brown (10YR 6/4), fine sand (85%), medium sand (15%).					3.1		Hydrated bentonite chips 1'-4'
								4.0		
					10:45 B26(9-10)SO			4.2		
10								5.1	10	
			Increase medium sand (25%), fine sand (75%).					9.1		
								4.5		
								5.8		
					10:50 B26(14-15)SO			9.6		
15			Borehole terminated at 15 feet bgs. No refusal, no groundwater encountered. B26 was backfilled on 1/20/22 at 10:35.						15	

STANTEC_JOBS_2021 GINT_LOGS_FAIR_PARK.GPJ STANTECUS1342.GDT 3/31/22

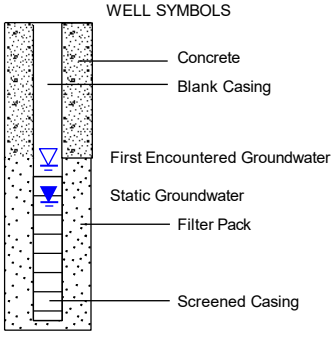
MAJOR DIVISIONS					TYPICAL NAMES
COARSE-GRAINED SOILS MORE THAN HALF IS COARSER THAN NO. 200 SIEVE	GRAVELS MORE THAN HALF COARSE FRACTION IS LARGER THAN NO. 4 SIEVE	CLEAN GRAVELS WITH LESS THAN 15% FINES	GW		WELL-GRADED GRAVELS WITH OR WITHOUT SAND
			GP		POORLY-GRADED GRAVELS WITH OR WITHOUT SAND
		GRAVELS WITH 15% OR MORE FINES	GM		SILTY GRAVELS WITH OR WITHOUT SAND
			GC		CLAYEY GRAVELS WITH OR WITHOUT SAND
	SANDS MORE THAN HALF COARSE FRACTION IS FINER THAN NO. 4 SIEVE SIZE	CLEAN SANDS WITH LESS THAN 15% FINES	SW		WELL-GRADED SANDS WITH OR WITHOUT GRAVEL
			SP		POORLY-GRADED SANDS WITH OR WITHOUT GRAVEL
		SANDS WITH 15% OR MORE FINES	SM		SILTY SANDS WITH OR WITHOUT GRAVEL
			SC		CLAYEY SANDS WITH OR WITHOUT GRAVEL
FINE-GRAINED SOILS MORE THAN HALF IS FINER THAN NO. 200 SIEVE	SILTS AND CLAYS LIQUID LIMIT 50% OR LESS		ML		INORGANIC SILTS OF LOW TO MEDIUM PLASTICITY WITH OR WITHOUT SAND OR GRAVEL
			CL		INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY WITH OR WITHOUT SAND OR GRAVEL
			OL		ORGANIC SILTS OR CLAYS OF LOW TO MEDIUM PLASTICITY WITH OR WITHOUT SAND OR GRAVEL
	SILTS AND CLAYS LIQUID LIMIT GREATER THAN 50%		MH		INORGANIC SILTS OF HIGH PLASTICITY WITH OR WITHOUT SAND OR GRAVEL
			CH		INORGANIC CLAYS OF HIGH PLASTICITY WITH OR WITHOUT SAND OR GRAVEL
			OH		ORGANIC SILTS OR CLAYS OF HIGH PLASTICITY WITH OR WITHOUT SAND OR GRAVEL
ARTIFICIAL FILL			AF		CONCRETE

SYMBOLS KEY

SAMPLE/DRILLING TYPES

- Hand Auger
- Geoprobe
- Hollow Stem Auger
- Grab Sample
- No Recovery

WELL SYMBOLS



Key to Boring Log

APPENDIX B – LABORATORY ANALYTICAL REPORTS

January 28, 2022

Sarah Vonraesfeld
Stantec Consulting Services Inc.
1905 Aldrich Street #300
Austin, TX 78723-3544
TEL: (925) 627-4654
FAX

Order No.: 2201148

RE: Dallas Brownfield-Fair Park Phase II ESA (Soil)

Dear Sarah Vonraesfeld:

DHL Analytical, Inc. received 17 sample(s) on 1/20/2022 for the analyses presented in the following report.

There were no problems with the analyses and all data met requirements of NELAP except where noted in the Case Narrative. All non-NELAP methods will be identified accordingly in the case narrative and all estimated uncertainties of test results are within method or EPA specifications.

If you have any questions regarding these tests results, please feel free to call. Thank you for using DHL Analytical.

Sincerely,

John DuPont
General Manager

This report was performed under the accreditation of the State of Texas Laboratory Certification Number: T104704211-21-27

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DHL ANALYTICAL

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Email: **login@dhlanalytical.com**

CHAIN-OF-CUSTODY

CLIENT: Stantec
ADDRESS: 1340 Treat Blvd. Suite 525 Walnut Creek, CA 94597
PHONE: 925-627-4654 EMAIL: sarah.vonraesfeld@stantec.com
DATA REPORTED TO: Sarah Von Raesfeld
ADDITIONAL REPORT COPIES TO: kelly.shugart@stantec.com

LABORATORY USE ONLY
DHL WORKORDER #: 2201148

PO#:

PROJECT LOCATION OR NAME: Dallas Brownfield - Fair Park Phase II ESA (Soil)
CLIENT PROJECT # 185751311
COLLECTOR: K Shugart

Authorize 5% surcharge for TRRP report? ☐ Yes ☐ No

Lab Use Only

W=WATER SE=SEDIMENT
L=LIQUID P=PAINT
S=SOIL SL=SLUDGE
SO=SOLID

PRESERVATION: # of Containers | HCL | HNO_3 | H_2SO_4 | NaOH ☐ Zn Acetate ☐ | ICE ☐ UNPRESERVED ☐

ANALYSES: BTEX ☐ MTBE ☐ [METHOD 8260] | TPH 1005 ☒ TPH 1006 ☐ HOLD 1006 ☒ | GRO 8015 ☐ DRO 8015 ☐ | VOC 8260 ☒ VOC 624.1 ☐ | SVOC 8270 ☐ SVOC 625.1 ☐ | PAH 8270 ☒ HOLD PAH ☐ | PEST 8270 ☐ 625.1 ☐ O-P PEST 8270 ☐ | PCB 8082 ☐ 608.3 ☐ PCB 8270 ☐ 625.1 ☐ | HERB 8321 ☐ T PHOS ☐ AMMONIA ☐ | METALS 6020 ☒ 200.8 ☐ DISS. METALS ☐ | RCRA 8 ☐ TX11 ☐ ____Pb____ | pH☐ HEX CHROM☐ ALKALINITY☐ COD☐ | ANIONS 300 ☐ 9056 ☐ ____ | TCLP-SVOC ☐ VOC ☐ PEST ☐ HERB ☐ | TCLP-METALS ☐ RCRA 8 ☐ TX-11 ☐ Pb ☐ | RCI ☐ IGN ☐ DGAS ☐ OIL&GREASE ☐ | TDS ☐ TSS ☐ % MOIST ☐ CYANIDE ☐

| Field Sample I.D. | DHL Lab # | Collection Date | Collection Time | Matrix | Container Type | # of Containers | HCL | HNO_3 | H_2SO_4 | NaOH | ICE | BTEX | TPH 1005 | TPH 1006 | HOLD 1006 | GRO 8015 | DRO 8015 | VOC 8260 | VOC 624.1 | SVOC 8270 | SVOC 625.1 | PAH 8270 | HOLD PAH | PEST 8270 | 625.1 | O-P PEST 8270 | PCB 8082 | 608.3 | PCB 8270 | 625.1 | HERB 8321 | T PHOS | AMMONIA | METALS 6020 | 200.8 | DISS. METALS | RCRA 8 | TX11 | Pb | pH | HEX CHROM | ALKALINITY | COD | ANIONS 300 | 9056 | TCLP-SVOC | VOC | PEST | HERB | TCLP-METALS | RCRA 8 | TX-11 | Pb | RCI | IGN | DGAS | OIL&GREASE | TDS | TSS | % MOIST | CYANIDE | FIELD NOTES |
|---|---|---

DHL ANALYTICAL
2300 Double Creek Dr. Round Rock, TX 78664
Phone 512.388.8222
Web: **www.dhlanalytical.com**
Email: **login@dhlanalytical.com**

CHAIN-OF-CUSTODY

CLIENT: Stantec
ADDRESS: 1340 Treat Blvd. Suite 525 Walnut Creek, CA 94597
PHONE: 925-627-4654 EMAIL: sarah.vonraesfeld@stantec.com
DATA REPORTED TO: Sarah Von Raesfeld
ADDITIONAL REPORT COPIES TO:

PO#:

LABORATORY USE ONLY
DHL WORKORDER #: 2201148

PROJECT LOCATION OR NAME: Dallas Brownfield - Fair Park Phase II ESA (Soil)
CLIENT PROJECT # 185751311
COLLECTOR: K. Sheppard

Authorize 5% surcharge for TRRP report? ☐ Yes ☐ No

Lab Use Only

W=WATER SE=SEDIMENT
L=LIQUID P=PAINT
S=SOIL SL=SLUDGE
SO=SOLID

PRESERVATION: # of Containers | HCL | HNO_3 | H_2SO_4 | NaOH ☐ Zn Acetate ☐ | ICE ☐ UNPRESERVED ☐

ANALYSES: BTEX ☐ MTBE ☐ [METHOD 8260] | TPH 1005 ☒ TPH 1006 ☐ HOLD 1006 ☒ | GRO 8015 ☐ DRO 8015 ☐ | VOC 8260 ☒ VOC 624.1 ☐ | SVOC 8270 ☐ SVOC 625.1 ☐ | PAH 8270 ☒ HOLD PAH ☐ | PEST 8270 ☐ 625.1 ☐ O-P PEST 8270 ☐ | PCB 8082 ☐ 608.3 ☐ PCB 8270 ☐ 625.1 ☐ | HERB 8321 ☐ T PHOS ☐ AMMONIA ☐ | METALS 6020 ☒ 200.8 ☐ DISS. METALS ☐ | RCRA 8 ☐ TX11 ☐ _____ Pb_____ | pH☐ HEX CHROM☐ ALKALINITY☐ COD☐ | ANIONS 300 ☐ 9056 ☐ _____ | TCLP-SVOC ☐ VOC ☐ PEST ☐ HERB ☐ | TCLP-METALS ☐ RCRA 8 ☐ TX-11 ☐ Pb ☐ | RCI ☐ IGN ☐ DGAS ☐ OIL&GREASE ☐ | TDS ☐ TSS ☐ % MOIST ☐ CYANIDE ☐

Field Sample I.D.	DHL Lab #	Collection Date	Collection Time	Matrix	Container Type	# of Containers	HCL	HNO_3	H_2SO_4	NaOH ☐ Zn Acetate ☐	ICE ☐ UNPRESERVED ☐	FIELD NOTES
TB011922	17	1-19-2022	0800	W			X					Triplicate

Relinquished By: (Sign) Stantec DATE/TIME 1-19-2022 1800 Received by: FedEx
Relinquished By: (Sign) FedEx DATE/TIME 1/20/22 1009 Received by:
Relinquished By: (Sign) DATE/TIME Received by:

TURN AROUND TIME
(CALL FIRST FOR RUSH)
RUSH-1 DAY☐ RUSH-2 DAY☐
RUSH-3 DAY☐
NORMAL ☐ OTHER ☐
DUE DATE _____

LABORATORY USE ONLY
RECEIVING TEMP (°C): 2.5°C / 3.3°C THERM #: 78
CUSTODY SEALS: ☐ BROKEN ☒ INTACT ☐ NOT USED
CARRIER: ☐ LSO ☒ FEDEX ☐ UPS ☐ COURIER ☐ OTHER ☐ HAND DELIVERED

☐ DHL DISPOSAL @ 5.00 each ☐ Return



ORIGIN ID:CRSA (000) 000-0000

STANTEC CONSULTING SVCS INC.
300 N LAKE AVE STE 400

PASADENA, CA 91101
UNITED STATES US

SHIP DATE: 19JAN22
ACTWGT: 40.75 LB
CAD: 6993944/SSFE2220
DIMS: 23x13x13 IN

BILL THIRD PARTY

TO DHL ANALYTICAL
JOB # 185751311 4.02.B
2300 DOUBLE CREEK DR

ROUND ROCK TX 78664
(512) 388-8222 REF:
INV:
PO: DEPT:

FedEx Express

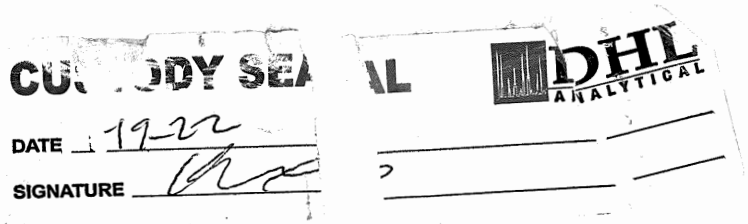
Part # 156297-4439 RRD ESP 11/22

TRK# 0201 2889 3405 4463

THU - 20 JAN 10:30A
PRIORITY OVERNIGHT

AHS
78664
TX-US AUS

A8 BSMA



ORIGIN ID:CRSA (000) 000-0000

STANTEC CONSULTING SVCS INC.
300 N LAKE AVE STE 400

PASADENA, CA 91101
UNITED STATES US

SHIP DATE: 19JAN22
ACTWGT: 47.25 LB
CAD: 6993944/SSFE2220
DIMS: 23x13x13 IN

BILL THIRD PARTY

Part # 156297-[illegible] 11/22

TO DHL ANALYTICAL
JOB # 185751311 4.02.B
2300 DOUBLE CREEK DR

ROUND ROCK TX 78664
(612) 388-8222 REF:
INV:
PO: DEPT:

FedEx Express

TRK# 0201 2889 3407 6468

THU - 20 JAN 10:30A
PRIORITY OVERNIGHT

A8 BSMA

AHS
78664
TX-US AUS

CUSTODY SEAL
DATE 1-19-22
SIGNATURE

DHL ANALYTICAL

DHL Analytical, Inc.

Sample Receipt Checklist

Client Name **Stantec Constulting Services Inc.** Date Received: **1/20/2022**

Work Order Number **2201148** Received by: **RA**

Checklist completed by: _____ 1/20/2022 Reviewed by (DL) 1/20/2022
Signature | Date | Initials | Date

Carrier name: FedEx 1day

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	2.5 °C / 3.3°C
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH<2 acceptable upon receipt?	Yes ☑	No ☐	NA ☐ LOT # 13171
	Adjusted? no		Checked by EL
Water - ph>9 (S) or ph>10 (CN) acceptable upon receipt?	Yes ☐	No ☐	NA ☑ LOT #
	Adjusted?		Checked by

Any No response must be detailed in the comments section below.

Client contacted: _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action: _____

Laboratory Name: DHL Analytical, Inc.

Laboratory Review Checklist: Reportable Data

Project Name: Dallas Brownfield-Fair Park Phase II ESA (Soil)	**LRC Date:** 1/28/22
Reviewer Name: Carlos Castro	**Laboratory Work Order:** 2201148
Prep Batch Number(s): See Prep Dates Report	**Run Batch:** See Analytical Dates Report

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-Custody (C-O-C)					
R1	OI	**1)** Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	**X**				**R1-01**
		2) Were all departures from standard conditions described in an exception report?			**X**		
R2	OI	**Sample and Quality Control (QC) Identification**					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	**X**				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	**X**				
R3	OI	**Test Reports**					
		1) Were all samples prepared and analyzed within holding times?	**X**				
		2) Other than those results < MQL, were all other raw values bracketed by calibration standards?	**X**				
		3) Were calculations checked by a peer or supervisor?	**X**				
		4) Were all analyte identifications checked by a peer or supervisor?	**X**				
		5) Were sample detection limits reported for all analytes not detected?	**X**				
		6) Were all results for soil and sediment samples reported on a dry weight basis?	**X**				
		7) Were % moisture (or solids) reported for all soil and sediment samples?	**X**				
		8) Were bulk soils/solids samples for volatile analysis extracted with methanol per EPA Method 5035?	**X**				
		9) If required for the project, TICs reported?			**X**		
R4	O	**Surrogate Recovery Data**					
		1) Were surrogates added prior to extraction?	**X**				
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?	**X**				
R5	OI	**Test Reports/Summary Forms for Blank Samples**					
		1) Were appropriate type(s) of blanks analyzed?	**X**				
		2) Were blanks analyzed at the appropriate frequency?	**X**				
		3) Where method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	**X**				
		4) Were blank concentrations < MDL?	**X**				
		5) For analyte(s) detected in a blank sample, was the concentration, unadjusted for sample specific factors, in all associated field samples, **greater** than 10 times the concentration in the blank sample?			**X**		
R6	OI	**Laboratory Control Samples (LCS):**					
		1) Were all COCs included in the LCS?	**X**				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	**X**				
		3) Were LCSs analyzed at the required frequency?	**X**				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?		**X**			**R6-04**
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	**X**				
		6) Was the LCSD RPD within QC limits (if applicable)?	**X**				
R7	OI	**Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Data**					
		1) Were the project/method specified analytes included in the MS and MSD?	**X**				
		2) Were MS/MSD analyzed at the appropriate frequency?	**X**				
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		**X**			**R7-03**
		4) Were MS/MSD RPDs within laboratory QC limits?		**X**			**R7-04**
R8	OI	**Analytical Duplicate Data**					
		1) Were appropriate analytical duplicates analyzed for each matrix?	**X**				
		2) Were analytical duplicates analyzed at the appropriate frequency?	**X**				
		3) Were RPDs or relative standard deviations within the laboratory QC limits?	**X**				
R9	OI	**Method Quantitation Limits (MQLs):**					
		1) Are the MQLs for each method analyte included in the laboratory data package?	**X**				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	**X**				
		3) Are unadjusted MQLs and DCSs included in the laboratory data package?	**X**				
R10	OI	**Other Problems/Anomalies**					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	**X**				**R10-01**
		2) Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	**X**				
		3) Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	**X**				

Laboratory Name: DHL Analytical, Inc.

Laboratory Review Checklist (continued): Supporting Data

Project Name: Dallas Brownfield-Fair Park Phase II ESA (Soil)	**LRC Date:** 1/28/22
Reviewer Name: Carlos Castro	**Laboratory Work Order:** 2201148
Prep Batch Number(s): See Prep Dates Report	**Run Batch:** See Analytical Dates Report

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial Calibration (ICAL)**					
		1) Were response factors and/or relative response factors for each analyte within QC limits?	X				
		2) Were percent RSDs or correlation coefficient criteria met?	X				
		3) Was the number of standards recommended in the method used for all analytes?	X				
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		5) Are ICAL data available for all instruments used?	X				
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and Continuing calibration Verification (ICCV and CCV) and Continuing Calibration blank (CCB):**					
		1) Was the CCV analyzed at the method-required frequency?	X				
		2) Were percent differences for each analyte within the method-required QC limits?		X			**S2-02**
		3) Was the ICAL curve verified for each analyte?	X				
		4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass Spectral Tuning:**					
		1) Was the appropriate compound for the method used for tuning?	X				
		2) Were ion abundance data within the method-required QC limits?	X				
S4	O	**Internal Standards (IS):**					
		1) Were IS area counts and retention times within the method-required QC limits?	X				
S5	OI	**Raw Data (NELAC Section 5.5.10)**					
		1) Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		2) Were data associated with manual integrations flagged on the raw data?	X				
S6	O	**Dual Column Confirmation**					
		1) Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively Identified Compounds (TICs):**					
		1) If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) Results:**					
		1) Were percent recoveries within method QC limits?	X				
S9	I	**Serial Dilutions, Post Digestion Spikes, and Method of Standard Additions**					
		1) Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	X				
S10	OI	**Method Detection Limit (MDL) Studies**					
		1) Was a MDL study performed for each reported analyte?	X				
		2) Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency Test Reports:**					
		1) Was the lab's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards Documentation**					
		1) Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/Analyte Identification Procedures**					
		1) Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of Analyst Competency (DOC)**					
		1) Was DOC conducted consistent with NELAC Chapter 5 – Appendix C?	X				
		2) Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/Validation Documentation for Methods** (NELAC Chapter 5)					
		1) Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory Standard Operating Procedures (SOPs):**					
		1) Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.

2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).

3 NA = Not applicable.

4 NR = Not Reviewed.

5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Data Package Signature Page – RG-366/TRRP-13

This data package consists of:

This signature page, the laboratory review checklist, and the following reportable data:

R1 Field chain-of-custody documentation;
R2 Sample identification cross-reference;
R3 Test reports (analytical data sheets) for each environmental sample that includes:
  a) Items consistent with NELAC Chapter 5,
  b) dilution factors,
  c) preparation methods,
  d) cleanup methods, and
  e) if required for the project, tentatively identified compounds (TICs).
R4 Surrogate recovery data including:
  a) Calculated recovery (%R), and
  b) The laboratory's surrogate QC limits.
R5 Test reports/summary forms for blank samples;
R6 Test reports/summary forms for laboratory control samples (LCSs) including:
  a) LCS spiking amounts,
  b) Calculated %R for each analyte, and
  c) The laboratory's LCS QC limits.
R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
  a) Samples associated with the MS/MSD clearly identified,
  b) MS/MSD spiking amounts,
  c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
  d) Calculated %Rs and relative percent differences (RPDs), and
  e) The laboratory's MS/MSD QC limits
R8 Laboratory analytical duplicate (if applicable) recovery and precision:
  a) The amount of analyte measured in the duplicate,
  b) The calculated RPD, and
  c) The laboratory's QC limits for analytical duplicates.
R9 List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix;
R10 Other problems or anomalies.

The Exception Report for each "No" or "Not Reviewed (NR)" item in the Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory is not accredited under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information or data affecting the quality of the data has been knowingly withheld.

This laboratory was last inspected by TCEQ on February 23-26 2021. Any findings affecting the data in this laboratory data package are noted in the Exception Reports herein. The official signing the cover page of the report in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

Name: John DuPont
Official Title: General Manager



Signature

01/28/22
Date

Name: Dr. Derhsing Luu
Official Title: Technical Director

DHL Analytical, Inc. **Date:** *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil
Lab Order:	2201148

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Method SW6020B - Metals Analysis (soil & water)
Method SW8270E-LL - PAH Analysis
Method SW8260D - Volatiles Analysis (soil & water) (the compound Cyclohexane is not NELAP certified)
Method TX1005 - Total Petroleum Hydrocarbons Analysis (soil & water) not NELAP certified)
Method D2216 - Percent Moisture Analysis

Exception Report R1-01

The samples were received and log-in performed on 1/20/22. A total of 17 samples were received. No further analyses were required as per the client. The samples arrived in good condition and were properly packaged.

Exception Report R6-04

For Volatiles analysis performed on 1/21/22 (batch 103617) the LCS recovery was slightly above control limits for Trichlorofluoromethane. This is flagged accordingly in the QC summary report. The associated sample (EB-011922) was below detection limits for this compound. No further corrective actions were taken.

For PAH analysis performed on 1/21/22 the LCS recovery was slightly above control limits for Trichlorofluoromethane. This is flagged accordingly. The associated sample (EB-011922) was below detection limits for this compound. No further corrective actions were taken.

Exception Report R7-03 & R7-04

For Volatiles analysis performed on 1/24/22 (batch 103625) the matrix spike and matrix spike duplicate recoveries were below control limits for twenty-five compounds. In addition, the matrix spike and matrix spike duplicate (batch 103625) had the RPD above control limits for fifty-eight compounds. This was due to matrix interference. These are flagged accordingly in the QC summary report. The sample selected for the matrix spike and matrix spike duplicate was from this work order. These compounds were within control limits in the associated LCS. No further corrective actions were taken.

Exception Report R10-01

Per project specification, MS/MSDs are from workorder or project samples only.

For TPH analysis an MS/MSD was not performed due to insufficient sample volume. An LCS/LCSD was performed instead.

For PAH analysis an MS/MSD was not performed due to insufficient sample volume. The QC includes the method blank and LCS.

Exception Report S2-02

For Volatiles analysis performed on 1/24/22 the recoveries of four compounds for the Initial Calibration Verification (ICV-220124) were slightly above the method control limits specified in SW8260D (70-130% recovery). These are flagged accordingly in the QC summary report. The number of target analytes outside of the method control limits for the ICV are less than 20% of the total number of compounds being reported; this is allowed in SW8260D specifications. These compounds were within control limits in the associated LCS. No further corrective actions were taken.

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT: Stantec Consulting Services Inc.
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)
Lab Order: 2201148

Work Order Sample Summary

Lab Smp ID	Client Sample ID	Tag Number	Date Collected	Date Recved
2201148-01	EB-011922		01/19/22 08:00 AM	1/20/2022
2201148-02	B25(1-2)SO		01/19/22 09:05 AM	1/20/2022
2201148-03	B25(6-7)SO		01/19/22 09:47 AM	1/20/2022
2201148-04	B25(12-13)SO		01/19/22 09:57 AM	1/20/2022
2201148-05	B22(2-3)SO		01/19/22 10:30 AM	1/20/2022
2201148-06	B22(7-8)SO		01/19/22 11:15 AM	1/20/2022
2201148-07	B22(10-11)SO		01/19/22 11:25 AM	1/20/2022
2201148-08	B23(3-4)SO		01/19/22 11:55 AM	1/20/2022
2201148-09	B23(8-9)SO		01/19/22 12:25 PM	1/20/2022
2201148-10	B23(11-12)SO		01/19/22 12:42 PM	1/20/2022
2201148-11	B24(4-5)SO		01/19/22 02:00 PM	1/20/2022
2201148-12	B24(9-10)SO		01/19/22 02:30 PM	1/20/2022
2201148-13	B24(11-12)SO		01/19/22 02:35 PM	1/20/2022
2201148-14	B24(35-36)SO		01/19/22 04:15 PM	1/20/2022
2201148-15	DUP05		01/19/22 04:00 PM	1/20/2022
2201148-16	DUP06		01/19/22 05:00 PM	1/20/2022
2201148-17	TB011922		01/19/22 08:00 AM	1/20/2022

Lab Order: 2201148
Client: Stantec Consulting Services Inc.
Project: Dallas Brownfield-Fair Park Phase

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
2201148-01A	EB-011922	01/19/22 08:00 AM	Equip Blank	SW5030C	Purge and Trap Water GC/MS	01/21/22 10:35 AM	103617
2201148-01B	EB-011922	01/19/22 08:00 AM	Equip Blank	TX1005	TX1005 Water Prep	01/20/22 03:24 PM	103604
2201148-01C	EB-011922	01/19/22 08:00 AM	Equip Blank	SW3005A	Aq Prep Metals : ICP-MS	01/24/22 09:44 AM	103636
2201148-01D	EB-011922	01/19/22 08:00 AM	Equip Blank	SW3510C	Aq Prep Sep Funnel: PAH	01/21/22 08:17 AM	103597
2201148-02A	B25(1-2)SO	01/19/22 09:05 AM	Soil	SW5035A	Purge and Trap 5035	01/24/22 03:01 PM	103625
2201148-02B	B25(1-2)SO	01/19/22 09:05 AM	Soil	TX1005	TX1005 Soil Prep	01/21/22 03:05 PM	103626
2201148-02C	B25(1-2)SO	01/19/22 09:05 AM	Soil	D2216	Moisture Preparation	01/24/22 04:11 PM	103651
	B25(1-2)SO	01/19/22 09:05 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/24/22 09:48 AM	103639
2201148-03A	B25(6-7)SO	01/19/22 09:47 AM	Soil	SW5035A	Purge and Trap 5035	01/24/22 03:01 PM	103625
2201148-03B	B25(6-7)SO	01/19/22 09:47 AM	Soil	TX1005	TX1005 Soil Prep	01/21/22 03:05 PM	103626
2201148-03C	B25(6-7)SO	01/19/22 09:47 AM	Soil	D2216	Moisture Preparation	01/24/22 04:11 PM	103651
	B25(6-7)SO	01/19/22 09:47 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/24/22 09:48 AM	103639
2201148-04A	B25(12-13)SO	01/19/22 09:57 AM	Soil	SW5035A	Purge and Trap 5035	01/24/22 03:01 PM	103625
2201148-04B	B25(12-13)SO	01/19/22 09:57 AM	Soil	TX1005	TX1005 Soil Prep	01/21/22 03:05 PM	103626
2201148-04C	B25(12-13)SO	01/19/22 09:57 AM	Soil	D2216	Moisture Preparation	01/24/22 04:11 PM	103651
	B25(12-13)SO	01/19/22 09:57 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/24/22 09:48 AM	103639
2201148-05A	B22(2-3)SO	01/19/22 10:30 AM	Soil	SW5035A	Purge and Trap 5035	01/24/22 03:01 PM	103625
2201148-05B	B22(2-3)SO	01/19/22 10:30 AM	Soil	TX1005	TX1005 Soil Prep	01/21/22 03:05 PM	103626
2201148-05C	B22(2-3)SO	01/19/22 10:30 AM	Soil	D2216	Moisture Preparation	01/24/22 04:11 PM	103651
	B22(2-3)SO	01/19/22 10:30 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/24/22 09:48 AM	103639
2201148-06A	B22(7-8)SO	01/19/22 11:15 AM	Soil	SW5035A	Purge and Trap 5035	01/24/22 03:01 PM	103625
2201148-06B	B22(7-8)SO	01/19/22 11:15 AM	Soil	TX1005	TX1005 Soil Prep	01/21/22 03:05 PM	103626
2201148-06C	B22(7-8)SO	01/19/22 11:15 AM	Soil	D2216	Moisture Preparation	01/24/22 04:11 PM	103651
	B22(7-8)SO	01/19/22 11:15 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/24/22 09:48 AM	103639
2201148-07A	B22(10-11)SO	01/19/22 11:25 AM	Soil	SW5035A	Purge and Trap 5035	01/24/22 03:01 PM	103625
2201148-07B	B22(10-11)SO	01/19/22 11:25 AM	Soil	TX1005	TX1005 Soil Prep	01/21/22 03:05 PM	103626
2201148-07C	B22(10-11)SO	01/19/22 11:25 AM	Soil	D2216	Moisture Preparation	01/24/22 04:11 PM	103651
	B22(10-11)SO	01/19/22 11:25 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/24/22 09:48 AM	103639

Lab Order: 2201148
Client: Stantec Consulting Services Inc.
Project: Dallas Brownfield-Fair Park Phase

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
2201148-08A	B23(3-4)SO	01/19/22 11:55 AM	Soil	SW5035A	Purge and Trap 5035	01/24/22 03:01 PM	103625
2201148-08B	B23(3-4)SO	01/19/22 11:55 AM	Soil	TX1005	TX1005 Soil Prep	01/21/22 03:05 PM	103626
2201148-08C	B23(3-4)SO	01/19/22 11:55 AM	Soil	D2216	Moisture Preparation	01/24/22 04:11 PM	103651
	B23(3-4)SO	01/19/22 11:55 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/24/22 09:48 AM	103639
2201148-09A	B23(8-9)SO	01/19/22 12:25 PM	Soil	SW5035A	Purge and Trap 5035	01/24/22 03:01 PM	103625
2201148-09B	B23(8-9)SO	01/19/22 12:25 PM	Soil	TX1005	TX1005 Soil Prep	01/21/22 03:05 PM	103626
2201148-09C	B23(8-9)SO	01/19/22 12:25 PM	Soil	D2216	Moisture Preparation	01/24/22 04:11 PM	103651
	B23(8-9)SO	01/19/22 12:25 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/24/22 09:48 AM	103639
2201148-10A	B23(11-12)SO	01/19/22 12:42 PM	Soil	SW5035A	Purge and Trap 5035	01/24/22 03:01 PM	103625
2201148-10B	B23(11-12)SO	01/19/22 12:42 PM	Soil	TX1005	TX1005 Soil Prep	01/21/22 03:05 PM	103626
2201148-10C	B23(11-12)SO	01/19/22 12:42 PM	Soil	D2216	Moisture Preparation	01/24/22 04:11 PM	103651
	B23(11-12)SO	01/19/22 12:42 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/24/22 09:48 AM	103639
2201148-11A	B24(4-5)SO	01/19/22 02:00 PM	Soil	SW5035A	Purge and Trap 5035	01/24/22 03:01 PM	103625
2201148-11B	B24(4-5)SO	01/19/22 02:00 PM	Soil	TX1005	TX1005 Soil Prep	01/21/22 03:05 PM	103626
2201148-11C	B24(4-5)SO	01/19/22 02:00 PM	Soil	D2216	Moisture Preparation	01/24/22 04:11 PM	103651
	B24(4-5)SO	01/19/22 02:00 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/24/22 09:48 AM	103639
2201148-12A	B24(9-10)SO	01/19/22 02:30 PM	Soil	SW5035A	Purge and Trap 5035	01/24/22 03:01 PM	103625
2201148-12B	B24(9-10)SO	01/19/22 02:30 PM	Soil	TX1005	TX1005 Soil Prep	01/21/22 03:05 PM	103626
2201148-12C	B24(9-10)SO	01/19/22 02:30 PM	Soil	D2216	Moisture Preparation	01/24/22 04:11 PM	103651
	B24(9-10)SO	01/19/22 02:30 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/24/22 09:48 AM	103639
2201148-13A	B24(11-12)SO	01/19/22 02:35 PM	Soil	SW5035A	Purge and Trap 5035	01/24/22 03:01 PM	103625
2201148-13B	B24(11-12)SO	01/19/22 02:35 PM	Soil	TX1005	TX1005 Soil Prep	01/21/22 03:05 PM	103626
2201148-13C	B24(11-12)SO	01/19/22 02:35 PM	Soil	D2216	Moisture Preparation	01/25/22 02:53 PM	103673
	B24(11-12)SO	01/19/22 02:35 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/24/22 09:48 AM	103639
2201148-15A	DUP05	01/19/22 04:00 PM	Soil	SW5035A	Purge and Trap 5035	01/24/22 03:01 PM	103625
2201148-15B	DUP05	01/19/22 04:00 PM	Soil	TX1005	TX1005 Soil Prep	01/21/22 03:05 PM	103626
2201148-15C	DUP05	01/19/22 04:00 PM	Soil	D2216	Moisture Preparation	01/25/22 02:53 PM	103673
	DUP05	01/19/22 04:00 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/24/22 09:48 AM	103639

Lab Order: 2201148
Client: Stantec Consulting Services Inc.
Project: Dallas Brownfield-Fair Park Phase

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
2201148-16A	DUP06	01/19/22 05:00 PM	Soil	SW5035A	Purge and Trap 5035	01/24/22 03:01 PM	103625
2201148-16B	DUP06	01/19/22 05:00 PM	Soil	TX1005	TX1005 Soil Prep	01/21/22 03:05 PM	103626
2201148-16C	DUP06	01/19/22 05:00 PM	Soil	D2216	Moisture Preparation	01/25/22 02:53 PM	103673
	DUP06	01/19/22 05:00 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/24/22 09:48 AM	103639
2201148-17A	TB011922	01/19/22 08:00 AM	Trip Blank	SW5030C	Purge and Trap Water GC/MS	01/21/22 10:35 AM	103617

Lab Order: 2201148
Client: Stantec Consulting Services Inc.
Project: Dallas Brownfield-Fair Park Phase

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
2201148-01A	EB-011922	Equip Blank	SW8260D	8260 Water Volatiles by GC/MS	103617	1	01/21/22 02:54 PM	GCMS7_220121A
2201148-01B	EB-011922	Equip Blank	TX1005	Tx1005 TPH Water	103604	1	01/21/22 12:20 PM	GC15_220121A
2201148-01C	EB-011922	Equip Blank	SW6020B	Trace Metals: ICP-MS - Water	103636	1	01/25/22 01:14 PM	ICP-MS5_220125B
2201148-01D	EB-011922	Equip Blank	SW8270E-LL	PAHs: GC/MS	103597	1	01/21/22 04:53 PM	GCMS6_220121B
2201148-02A	B25(1-2)SO	Soil	SW8260D	Volatiles by 8260/5035 GC/MS	103625	1	01/24/22 04:42 PM	GCMS1_220124A
2201148-02B	B25(1-2)SO	Soil	TX1005	Tx1005 TPH Soil	103626	1	01/24/22 11:05 AM	GC12_220124A
2201148-02C	B25(1-2)SO	Soil	D2216	Percent Moisture	103651	1	01/25/22 09:56 AM	PMOIST_220124A
	B25(1-2)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103639	5	01/25/22 11:37 AM	ICP-MS5_220125A
2201148-03A	B25(6-7)SO	Soil	SW8260D	Volatiles by 8260/5035 GC/MS	103625	1	01/24/22 05:10 PM	GCMS1_220124A
2201148-03B	B25(6-7)SO	Soil	TX1005	Tx1005 TPH Soil	103626	1	01/24/22 11:14 AM	GC12_220124A
2201148-03C	B25(6-7)SO	Soil	D2216	Percent Moisture	103651	1	01/25/22 09:56 AM	PMOIST_220124A
	B25(6-7)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103639	5	01/25/22 11:40 AM	ICP-MS5_220125A
2201148-04A	B25(12-13)SO	Soil	SW8260D	Volatiles by 8260/5035 GC/MS	103625	1	01/24/22 05:39 PM	GCMS1_220124A
2201148-04B	B25(12-13)SO	Soil	TX1005	Tx1005 TPH Soil	103626	1	01/24/22 11:23 AM	GC12_220124A
2201148-04C	B25(12-13)SO	Soil	D2216	Percent Moisture	103651	1	01/25/22 09:56 AM	PMOIST_220124A
	B25(12-13)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103639	5	01/25/22 11:42 AM	ICP-MS5_220125A
2201148-05A	B22(2-3)SO	Soil	SW8260D	Volatiles by 8260/5035 GC/MS	103625	1	01/24/22 06:08 PM	GCMS1_220124A
2201148-05B	B22(2-3)SO	Soil	TX1005	Tx1005 TPH Soil	103626	1	01/24/22 11:32 AM	GC12_220124A
2201148-05C	B22(2-3)SO	Soil	D2216	Percent Moisture	103651	1	01/25/22 09:56 AM	PMOIST_220124A
	B22(2-3)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103639	5	01/25/22 11:45 AM	ICP-MS5_220125A
2201148-06A	B22(7-8)SO	Soil	SW8260D	Volatiles by 8260/5035 GC/MS	103625	1	01/24/22 06:36 PM	GCMS1_220124A
2201148-06B	B22(7-8)SO	Soil	TX1005	Tx1005 TPH Soil	103626	1	01/24/22 11:41 AM	GC12_220124A
2201148-06C	B22(7-8)SO	Soil	D2216	Percent Moisture	103651	1	01/25/22 09:56 AM	PMOIST_220124A
	B22(7-8)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103639	5	01/25/22 11:47 AM	ICP-MS5_220125A
2201148-07A	B22(10-11)SO	Soil	SW8260D	Volatiles by 8260/5035 GC/MS	103625	1	01/24/22 07:04 PM	GCMS1_220124A
2201148-07B	B22(10-11)SO	Soil	TX1005	Tx1005 TPH Soil	103626	1	01/24/22 11:50 AM	GC12_220124A
2201148-07C	B22(10-11)SO	Soil	D2216	Percent Moisture	103651	1	01/25/22 09:56 AM	PMOIST_220124A
	B22(10-11)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103639	5	01/25/22 11:50 AM	ICP-MS5_220125A

Lab Order: 2201148
Client: Stantec Consulting Services Inc.
Project: Dallas Brownfield-Fair Park Phase

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
2201148-08A	B23(3-4)SO	Soil	SW8260D	Volatiles by 8260/5035 GC/MS	103625	1	01/24/22 07:32 PM	GCMS1_220124A
2201148-08B	B23(3-4)SO	Soil	TX1005	Tx1005 TPH Soil	103626	1	01/24/22 11:59 AM	GC12_220124A
2201148-08C	B23(3-4)SO	Soil	D2216	Percent Moisture	103651	1	01/25/22 09:56 AM	PMOIST_220124A
	B23(3-4)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103639	5	01/25/22 11:24 AM	ICP-MS5_220125A
2201148-09A	B23(8-9)SO	Soil	SW8260D	Volatiles by 8260/5035 GC/MS	103625	1	01/24/22 08:00 PM	GCMS1_220124A
2201148-09B	B23(8-9)SO	Soil	TX1005	Tx1005 TPH Soil	103626	1	01/24/22 12:08 PM	GC12_220124A
2201148-09C	B23(8-9)SO	Soil	D2216	Percent Moisture	103651	1	01/25/22 09:56 AM	PMOIST_220124A
	B23(8-9)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103639	5	01/25/22 12:17 PM	ICP-MS5_220125A
2201148-10A	B23(11-12)SO	Soil	SW8260D	Volatiles by 8260/5035 GC/MS	103625	1	01/24/22 08:29 PM	GCMS1_220124A
2201148-10B	B23(11-12)SO	Soil	TX1005	Tx1005 TPH Soil	103626	1	01/24/22 12:17 PM	GC12_220124A
2201148-10C	B23(11-12)SO	Soil	D2216	Percent Moisture	103651	1	01/25/22 09:56 AM	PMOIST_220124A
	B23(11-12)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103639	5	01/25/22 12:19 PM	ICP-MS5_220125A
2201148-11A	B24(4-5)SO	Soil	SW8260D	Volatiles by 8260/5035 GC/MS	103625	1	01/24/22 08:58 PM	GCMS1_220124A
2201148-11B	B24(4-5)SO	Soil	TX1005	Tx1005 TPH Soil	103626	1	01/24/22 12:27 PM	GC12_220124A
2201148-11C	B24(4-5)SO	Soil	D2216	Percent Moisture	103651	1	01/25/22 09:56 AM	PMOIST_220124A
	B24(4-5)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103639	5	01/25/22 12:22 PM	ICP-MS5_220125A
2201148-12A	B24(9-10)SO	Soil	SW8260D	Volatiles by 8260/5035 GC/MS	103625	1	01/24/22 09:27 PM	GCMS1_220124A
2201148-12B	B24(9-10)SO	Soil	TX1005	Tx1005 TPH Soil	103626	1	01/24/22 12:36 PM	GC12_220124A
2201148-12C	B24(9-10)SO	Soil	D2216	Percent Moisture	103651	1	01/25/22 09:56 AM	PMOIST_220124A
	B24(9-10)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103639	5	01/25/22 12:25 PM	ICP-MS5_220125A
2201148-13A	B24(11-12)SO	Soil	SW8260D	Volatiles by 8260/5035 GC/MS	103625	1	01/24/22 09:56 PM	GCMS1_220124A
2201148-13B	B24(11-12)SO	Soil	TX1005	Tx1005 TPH Soil	103626	1	01/24/22 12:45 PM	GC12_220124A
2201148-13C	B24(11-12)SO	Soil	D2216	Percent Moisture	103673	1	01/26/22 08:15 AM	PMOIST_220125A
	B24(11-12)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103639	5	01/25/22 12:27 PM	ICP-MS5_220125A
2201148-15A	DUP05	Soil	SW8260D	Volatiles by 8260/5035 GC/MS	103625	1	01/24/22 10:24 PM	GCMS1_220124A
2201148-15B	DUP05	Soil	TX1005	Tx1005 TPH Soil	103626	1	01/24/22 12:54 PM	GC12_220124A
2201148-15C	DUP05	Soil	D2216	Percent Moisture	103673	1	01/26/22 08:15 AM	PMOIST_220125A
	DUP05	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103639	5	01/25/22 12:30 PM	ICP-MS5_220125A

Lab Order: 2201148
Client: Stantec Consulting Services Inc.
Project: Dallas Brownfield-Fair Park Phase

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
2201148-16A	DUP06	Soil	SW8260D	Volatiles by 8260/5035 GC/MS	103625	1	01/24/22 10:53 PM	GCMS1_220124A
2201148-16B	DUP06	Soil	TX1005	Tx1005 TPH Soil	103626	1	01/24/22 01:03 PM	GC12_220124A
2201148-16C	DUP06	Soil	D2216	Percent Moisture	103673	1	01/26/22 08:15 AM	PMOIST_220125A
	DUP06	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103639	5	01/25/22 12:32 PM	ICP-MS5_220125A
2201148-17A	TB011922	Trip Blank	SW8260D	8260 Water Volatiles by GC/MS	103617	1	01/21/22 03:18 PM	GCMS7_220121A

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	EB-011922
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-01
Project No:	185751311	**Collection Date:**	01/19/22 08:00 AM
Lab Order:	2201148	**Matrix:**	EQUIP BLANK

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TX1005 TPH WATER		**TX1005**					Analyst: **BTJ**
T/R Hydrocarbons: C6-C12	<0.690	0.690	1.97		mg/L	1	01/21/22 12:20 PM
T/R Hydrocarbons: >C12-C28	<0.690	0.690	1.97		mg/L	1	01/21/22 12:20 PM
T/R Hydrocarbons: >C28-C35	<0.690	0.690	1.97		mg/L	1	01/21/22 12:20 PM
T/R Hydrocarbons: C6-C35	<0.690	0.690	1.97		mg/L	1	01/21/22 12:20 PM
Surr: Isopropylbenzene	78.8	0	70-130		%REC	1	01/21/22 12:20 PM
Surr: Octacosane	90.2	0	70-130		%REC	1	01/21/22 12:20 PM
TRACE METALS: ICP-MS - WATER		**SW6020B**					Analyst: **SP**
Lead	<0.000300	0.000300	0.00100		mg/L	1	01/25/22 01:14 PM
PAHS: GC/MS		**SW8270E-LL**					Analyst: **RBW**
Acenaphthene	<0.0000502	0.0000502	0.000100		mg/L	1	01/21/22 04:53 PM
Acenaphthylene	<0.0000502	0.0000502	0.000100		mg/L	1	01/21/22 04:53 PM
Anthracene	<0.0000502	0.0000502	0.000100		mg/L	1	01/21/22 04:53 PM
Benzo[a]anthracene	<0.0000502	0.0000502	0.000100		mg/L	1	01/21/22 04:53 PM
Benzo[a]pyrene	<0.0000502	0.0000502	0.000100		mg/L	1	01/21/22 04:53 PM
Benzo[b]fluoranthene	<0.0000502	0.0000502	0.000100		mg/L	1	01/21/22 04:53 PM
Benzo[g,h,i]perylene	<0.0000502	0.0000502	0.000100		mg/L	1	01/21/22 04:53 PM
Benzo[k]fluoranthene	<0.0000502	0.0000502	0.000100		mg/L	1	01/21/22 04:53 PM
Chrysene	<0.0000502	0.0000502	0.000100		mg/L	1	01/21/22 04:53 PM
Dibenz[a,h]anthracene	<0.0000502	0.0000502	0.000100		mg/L	1	01/21/22 04:53 PM
Fluoranthene	<0.0000502	0.0000502	0.000100		mg/L	1	01/21/22 04:53 PM
Fluorene	<0.0000502	0.0000502	0.000100		mg/L	1	01/21/22 04:53 PM
Indeno[1,2,3-cd]pyrene	<0.0000502	0.0000502	0.000100		mg/L	1	01/21/22 04:53 PM
Naphthalene	<0.0000502	0.0000502	0.000100		mg/L	1	01/21/22 04:53 PM
Phenanthrene	<0.0000502	0.0000502	0.000100		mg/L	1	01/21/22 04:53 PM
Pyrene	<0.0000502	0.0000502	0.000100		mg/L	1	01/21/22 04:53 PM
Surr: 2-Fluorobiphenyl	73.9	0	48-120		%REC	1	01/21/22 04:53 PM
Surr: 4-Terphenyl-d14	82.9	0	51-135		%REC	1	01/21/22 04:53 PM
8260 WATER VOLATILES BY GC/MS		**SW8260D**					Analyst: **SNM**
1,1,1,2-Tetrachloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
1,1,1-Trichloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
1,1,2,2-Tetrachloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
1,1,2-Trichloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	01/21/22 02:54 PM
1,1-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
1,1-Dichloroethene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
1,1-Dichloropropene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
1,2,3-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	01/21/22 02:54 PM

Qualifiers:

ND - Not Detected at the SDL
J - Analyte detected between SDL and RL
B - Analyte detected in the associated Method Blank
DF- Dilution Factor
N - Parameter not NELAP certified
See Final Page of Report for MQLs and MDLs
S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	EB-011922
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-01
Project No:	185751311	**Collection Date:**	01/19/22 08:00 AM
Lab Order:	2201148	**Matrix:**	EQUIP BLANK

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
8260 WATER VOLATILES BY GC/MS		**SW8260D**					Analyst: **SNM**
1,2,3-Trichloropropane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	01/21/22 02:54 PM
1,2,4-Trimethylbenzene	<0.00150	0.00150	0.00500		mg/L	1	01/21/22 02:54 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	01/21/22 02:54 PM
1,2-Dibromoethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
1,2-Dichloropropane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
1,3,5-Trimethylbenzene	<0.00150	0.00150	0.00500		mg/L	1	01/21/22 02:54 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
1,3-Dichloropropane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
1-Chlorohexane	<0.00100	0.00100	0.00500		mg/L	1	01/21/22 02:54 PM
2,2-Dichloropropane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	01/21/22 02:54 PM
2-Chlorotoluene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	01/21/22 02:54 PM
4-Chlorotoluene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	01/21/22 02:54 PM
Acetone	<0.00500	0.00500	0.0150		mg/L	1	01/21/22 02:54 PM
Benzene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
Bromobenzene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
Bromochloromethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
Bromodichloromethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
Bromoform	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	01/21/22 02:54 PM
Carbon tetrachloride	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
Chlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
cis-1,2-Dichloroethene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
cis-1,3-Dichloropropene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	01/21/22 02:54 PM
Dibromochloromethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
Dibromomethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
Dichlorodifluoromethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM

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RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	EB-011922
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-01
Project No:	185751311	**Collection Date:**	01/19/22 08:00 AM
Lab Order:	2201148	**Matrix:**	EQUIP BLANK

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
8260 WATER VOLATILES BY GC/MS		**SW8260D**					Analyst: **SNM**
Hexachlorobutadiene	<0.00100	0.00100	0.00300		mg/L	1	01/21/22 02:54 PM
Isopropylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	01/21/22 02:54 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	01/21/22 02:54 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	01/21/22 02:54 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	01/21/22 02:54 PM
Naphthalene	<0.00500	0.00500	0.0150		mg/L	1	01/21/22 02:54 PM
n-Butylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
n-Propylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
p-Isopropyltoluene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
sec-Butylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
Styrene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
tert-Butylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	01/21/22 02:54 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	01/21/22 02:54 PM
trans-1,2-Dichloroethene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
trans-1,3-Dichloropropene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
Trichloroethene	<0.000600	0.000600	0.00100		mg/L	1	01/21/22 02:54 PM
Trichlorofluoromethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
Vinyl chloride	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
Total Xylenes	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 02:54 PM
Surr: 1,2-Dichloroethane-d4	92.5	0	72-119		%REC	1	01/21/22 02:54 PM
Surr: 4-Bromofluorobenzene	93.3	0	76-119		%REC	1	01/21/22 02:54 PM
Surr: Dibromofluoromethane	97.6	0	85-115		%REC	1	01/21/22 02:54 PM
Surr: Toluene-d8	83.6	0	81-120		%REC	1	01/21/22 02:54 PM

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DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B25(1-2)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-02
Project No:	185751311	**Collection Date:**	01/19/22 09:05 AM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TX1005 TPH SOIL		**TX1005**					Analyst: **BTJ**
T/R Hydrocarbons: C6-C12	<11.5	11.5	33.0		mg/Kg-dry	1	01/24/22 11:05 AM
T/R Hydrocarbons: >C12-C28	<11.5	11.5	33.0		mg/Kg-dry	1	01/24/22 11:05 AM
T/R Hydrocarbons: >C28-C35	<11.5	11.5	33.0		mg/Kg-dry	1	01/24/22 11:05 AM
T/R Hydrocarbons: C6-C35	<11.5	11.5	33.0		mg/Kg-dry	1	01/24/22 11:05 AM
Surr: Isopropylbenzene	81.2	0	70-130		%REC	1	01/24/22 11:05 AM
Surr: Octacosane	98.7	0	70-130		%REC	1	01/24/22 11:05 AM
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	12.4	0.111	0.333		mg/Kg-dry	5	01/25/22 11:37 AM
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
1,1,1,2-Tetrachloroethane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
1,1,1-Trichloroethane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
1,1,2,2-Tetrachloroethane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
1,1,2-Trichloroethane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
1,1,2-Trichlorotrifluoroethane	<0.00496	0.00496	0.0149		mg/Kg-dry	1	01/24/22 04:42 PM
1,1-Dichloroethane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
1,1-Dichloroethene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
1,1-Dichloropropene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
1,2,3-Trichlorobenzene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
1,2,3-Trichloropropane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
1,2,4-Trichlorobenzene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
1,2,4-Trimethylbenzene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
1,2-Dibromo-3-chloropropane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
1,2-Dibromoethane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
1,2-Dichlorobenzene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
1,2-Dichloroethane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
1,2-Dichloropropane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
1,3,5-Trimethylbenzene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
1,3-Dichlorobenzene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
1,3-Dichloropropane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
1,4-Dichlorobenzene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
1-Chlorohexane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
2,2-Dichloropropane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
2-Butanone	<0.00496	0.00496	0.0149		mg/Kg-dry	1	01/24/22 04:42 PM
2-Chlorotoluene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
2-Hexanone	<0.00496	0.00496	0.0149		mg/Kg-dry	1	01/24/22 04:42 PM
4-Chlorotoluene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
4-Methyl-2-pentanone	<0.00496	0.00496	0.0149		mg/Kg-dry	1	01/24/22 04:42 PM
Acetone	<0.0149	0.0149	0.0496		mg/Kg-dry	1	01/24/22 04:42 PM

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J - Analyte detected between SDL and RL
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E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B25(1-2)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-02
Project No:	185751311	**Collection Date:**	01/19/22 09:05 AM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Benzene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
Bromobenzene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
Bromochloromethane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
Bromodichloromethane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
Bromoform	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
Bromomethane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
Carbon disulfide	<0.00496	0.00496	0.0149		mg/Kg-dry	1	01/24/22 04:42 PM
Carbon tetrachloride	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
Chlorobenzene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
Chloroethane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
Chloroform	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
Chloromethane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
cis-1,2-Dichloroethene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
cis-1,3-Dichloropropene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
Cyclohexane	<0.00496	0.00496	0.0149	N	mg/Kg-dry	1	01/24/22 04:42 PM
Dibromochloromethane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
Dibromomethane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
Dichlorodifluoromethane	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
Ethylbenzene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
Hexachlorobutadiene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
Isopropylbenzene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
m,p-Xylene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
Methyl Acetate	<0.00496	0.00496	0.0149		mg/Kg-dry	1	01/24/22 04:42 PM
Methyl tert-butyl ether	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
Methylcyclohexane	<0.00496	0.00496	0.0149		mg/Kg-dry	1	01/24/22 04:42 PM
Methylene chloride	<0.00496	0.00496	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
Naphthalene	<0.00496	0.00496	0.0149		mg/Kg-dry	1	01/24/22 04:42 PM
n-Butylbenzene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
n-Propylbenzene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
o-Xylene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
p-Isopropyltoluene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
sec-Butylbenzene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
Styrene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
tert-Butylbenzene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
Tetrachloroethene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
Toluene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
trans-1,2-Dichloroethene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
trans-1,3-Dichloropropene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
Trichloroethene	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM

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DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B25(1-2)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-02
Project No:	185751311	**Collection Date:**	01/19/22 09:05 AM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Trichlorofluoromethane	<0.00496	0.00496	0.0149		mg/Kg-dry	1	01/24/22 04:42 PM
Vinyl chloride	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
Xylenes, Total	<0.000992	0.000992	0.00496		mg/Kg-dry	1	01/24/22 04:42 PM
Surr: 1,2-Dichloroethane-d4	114	0	52-149		%REC	1	01/24/22 04:42 PM
Surr: 4-Bromofluorobenzene	105	0	84-118		%REC	1	01/24/22 04:42 PM
Surr: Dibromofluoromethane	109	0	65-135		%REC	1	01/24/22 04:42 PM
Surr: Toluene-d8	104	0	84-116		%REC	1	01/24/22 04:42 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	16.6	0	0		WT%	1	01/25/22 09:56 AM

Qualifiers:

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S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B25(6-7)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-03
Project No:	185751311	**Collection Date:**	01/19/22 09:47 AM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TX1005 TPH SOIL		**TX1005**					Analyst: **BTJ**
T/R Hydrocarbons: C6-C12	<13.4	13.4	38.2		mg/Kg-dry	1	01/24/22 11:14 AM
T/R Hydrocarbons: >C12-C28	<13.4	13.4	38.2		mg/Kg-dry	1	01/24/22 11:14 AM
T/R Hydrocarbons: >C28-C35	<13.4	13.4	38.2		mg/Kg-dry	1	01/24/22 11:14 AM
T/R Hydrocarbons: C6-C35	<13.4	13.4	38.2		mg/Kg-dry	1	01/24/22 11:14 AM
Surr: Isopropylbenzene	81.2	0	70-130		%REC	1	01/24/22 11:14 AM
Surr: Octacosane	98.9	0	70-130		%REC	1	01/24/22 11:14 AM
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	2.73	0.0945	0.283		mg/Kg-dry	5	01/25/22 11:40 AM
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
1,1,1,2-Tetrachloroethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
1,1,1-Trichloroethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
1,1,2,2-Tetrachloroethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
1,1,2-Trichloroethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
1,1,2-Trichlorotrifluoroethane	<0.00546	0.00546	0.0164		mg/Kg-dry	1	01/24/22 05:10 PM
1,1-Dichloroethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
1,1-Dichloroethene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
1,1-Dichloropropene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
1,2,3-Trichlorobenzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
1,2,3-Trichloropropane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
1,2,4-Trichlorobenzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
1,2,4-Trimethylbenzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
1,2-Dibromo-3-chloropropane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
1,2-Dibromoethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
1,2-Dichlorobenzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
1,2-Dichloroethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
1,2-Dichloropropane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
1,3,5-Trimethylbenzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
1,3-Dichlorobenzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
1,3-Dichloropropane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
1,4-Dichlorobenzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
1-Chlorohexane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
2,2-Dichloropropane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
2-Butanone	<0.00546	0.00546	0.0164		mg/Kg-dry	1	01/24/22 05:10 PM
2-Chlorotoluene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
2-Hexanone	<0.00546	0.00546	0.0164		mg/Kg-dry	1	01/24/22 05:10 PM
4-Chlorotoluene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
4-Methyl-2-pentanone	<0.00546	0.00546	0.0164		mg/Kg-dry	1	01/24/22 05:10 PM
Acetone	<0.0164	0.0164	0.0546		mg/Kg-dry	1	01/24/22 05:10 PM

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RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B25(6-7)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-03
Project No:	185751311	**Collection Date:**	01/19/22 09:47 AM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Benzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
Bromobenzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
Bromochloromethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
Bromodichloromethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
Bromoform	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
Bromomethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
Carbon disulfide	<0.00546	0.00546	0.0164		mg/Kg-dry	1	01/24/22 05:10 PM
Carbon tetrachloride	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
Chlorobenzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
Chloroethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
Chloroform	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
Chloromethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
cis-1,2-Dichloroethene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
cis-1,3-Dichloropropene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
Cyclohexane	<0.00546	0.00546	0.0164	N	mg/Kg-dry	1	01/24/22 05:10 PM
Dibromochloromethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
Dibromomethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
Dichlorodifluoromethane	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
Ethylbenzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
Hexachlorobutadiene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
Isopropylbenzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
m,p-Xylene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
Methyl Acetate	<0.00546	0.00546	0.0164		mg/Kg-dry	1	01/24/22 05:10 PM
Methyl tert-butyl ether	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
Methylcyclohexane	<0.00546	0.00546	0.0164		mg/Kg-dry	1	01/24/22 05:10 PM
Methylene chloride	<0.00546	0.00546	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
Naphthalene	<0.00546	0.00546	0.0164		mg/Kg-dry	1	01/24/22 05:10 PM
n-Butylbenzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
n-Propylbenzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
o-Xylene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
p-Isopropyltoluene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
sec-Butylbenzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
Styrene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
tert-Butylbenzene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
Tetrachloroethene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
Toluene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
trans-1,2-Dichloroethene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
trans-1,3-Dichloropropene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
Trichloroethene	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM

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DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B25(6-7)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-03
Project No:	185751311	**Collection Date:**	01/19/22 09:47 AM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Trichlorofluoromethane	<0.00546	0.00546	0.0164		mg/Kg-dry	1	01/24/22 05:10 PM
Vinyl chloride	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
Xylenes, Total	<0.00109	0.00109	0.00546		mg/Kg-dry	1	01/24/22 05:10 PM
Surr: 1,2-Dichloroethane-d4	109	0	52-149		%REC	1	01/24/22 05:10 PM
Surr: 4-Bromofluorobenzene	105	0	84-118		%REC	1	01/24/22 05:10 PM
Surr: Dibromofluoromethane	105	0	65-135		%REC	1	01/24/22 05:10 PM
Surr: Toluene-d8	105	0	84-116		%REC	1	01/24/22 05:10 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	2.91	0	0		WT%	1	01/25/22 09:56 AM

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- SDL - Sample Detection Limit
- E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B25(12-13)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-04
Project No:	185751311	**Collection Date:**	01/19/22 09:57 AM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TX1005 TPH SOIL		**TX1005**					Analyst: **BTJ**
T/R Hydrocarbons: C6-C12	<13.4	13.4	38.3		mg/Kg-dry	1	01/24/22 11:23 AM
T/R Hydrocarbons: >C12-C28	<13.4	13.4	38.3		mg/Kg-dry	1	01/24/22 11:23 AM
T/R Hydrocarbons: >C28-C35	<13.4	13.4	38.3		mg/Kg-dry	1	01/24/22 11:23 AM
T/R Hydrocarbons: C6-C35	<13.4	13.4	38.3		mg/Kg-dry	1	01/24/22 11:23 AM
Surr: Isopropylbenzene	81.2	0	70-130		%REC	1	01/24/22 11:23 AM
Surr: Octacosane	100	0	70-130		%REC	1	01/24/22 11:23 AM
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	2.66	0.0895	0.268		mg/Kg-dry	5	01/25/22 11:42 AM
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
1,1,1,2-Tetrachloroethane	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
1,1,1-Trichloroethane	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
1,1,2,2-Tetrachloroethane	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
1,1,2-Trichloroethane	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
1,1,2-Trichlorotrifluoroethane	<0.00468	0.00468	0.0140		mg/Kg-dry	1	01/24/22 05:39 PM
1,1-Dichloroethane	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
1,1-Dichloroethene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
1,1-Dichloropropene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
1,2,3-Trichlorobenzene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
1,2,3-Trichloropropane	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
1,2,4-Trichlorobenzene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
1,2,4-Trimethylbenzene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
1,2-Dibromo-3-chloropropane	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
1,2-Dibromoethane	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
1,2-Dichlorobenzene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
1,2-Dichloroethane	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
1,2-Dichloropropane	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
1,3,5-Trimethylbenzene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
1,3-Dichlorobenzene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
1,3-Dichloropropane	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
1,4-Dichlorobenzene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
1-Chlorohexane	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
2,2-Dichloropropane	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
2-Butanone	<0.00468	0.00468	0.0140		mg/Kg-dry	1	01/24/22 05:39 PM
2-Chlorotoluene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
2-Hexanone	<0.00468	0.00468	0.0140		mg/Kg-dry	1	01/24/22 05:39 PM
4-Chlorotoluene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
4-Methyl-2-pentanone	<0.00468	0.00468	0.0140		mg/Kg-dry	1	01/24/22 05:39 PM
Acetone	<0.0140	0.0140	0.0468		mg/Kg-dry	1	01/24/22 05:39 PM

Qualifiers:

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RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B25(12-13)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-04
Project No:	185751311	**Collection Date:**	01/19/22 09:57 AM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Benzene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
Bromobenzene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
Bromochloromethane	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
Bromodichloromethane	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
Bromoform	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
Bromomethane	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
Carbon disulfide	<0.00468	0.00468	0.0140		mg/Kg-dry	1	01/24/22 05:39 PM
Carbon tetrachloride	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
Chlorobenzene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
Chloroethane	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
Chloroform	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
Chloromethane	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
cis-1,2-Dichloroethene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
cis-1,3-Dichloropropene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
Cyclohexane	<0.00468	0.00468	0.0140	N	mg/Kg-dry	1	01/24/22 05:39 PM
Dibromochloromethane	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
Dibromomethane	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
Dichlorodifluoromethane	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
Ethylbenzene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
Hexachlorobutadiene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
Isopropylbenzene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
m,p-Xylene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
Methyl Acetate	<0.00468	0.00468	0.0140		mg/Kg-dry	1	01/24/22 05:39 PM
Methyl tert-butyl ether	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
Methylcyclohexane	<0.00468	0.00468	0.0140		mg/Kg-dry	1	01/24/22 05:39 PM
Methylene chloride	<0.00468	0.00468	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
Naphthalene	<0.00468	0.00468	0.0140		mg/Kg-dry	1	01/24/22 05:39 PM
n-Butylbenzene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
n-Propylbenzene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
o-Xylene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
p-Isopropyltoluene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
sec-Butylbenzene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
Styrene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
tert-Butylbenzene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
Tetrachloroethene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
Toluene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
trans-1,2-Dichloroethene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
trans-1,3-Dichloropropene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
Trichloroethene	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM

Qualifiers:

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DF- Dilution Factor
N - Parameter not NELAP certified
See Final Page of Report for MQLs and MDLs
S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B25(12-13)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-04
Project No:	185751311	**Collection Date:**	01/19/22 09:57 AM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Trichlorofluoromethane	<0.00468	0.00468	0.0140		mg/Kg-dry	1	01/24/22 05:39 PM
Vinyl chloride	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
Xylenes, Total	<0.000936	0.000936	0.00468		mg/Kg-dry	1	01/24/22 05:39 PM
Surr: 1,2-Dichloroethane-d4	113	0	52-149		%REC	1	01/24/22 05:39 PM
Surr: 4-Bromofluorobenzene	105	0	84-118		%REC	1	01/24/22 05:39 PM
Surr: Dibromofluoromethane	108	0	65-135		%REC	1	01/24/22 05:39 PM
Surr: Toluene-d8	105	0	84-116		%REC	1	01/24/22 05:39 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	1.12	0	0		WT%	1	01/25/22 09:56 AM

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- C - Sample Result or QC discussed in Case Narrative
- RL - Reporting Limit (MQL adjusted for moisture and sample size)
- SDL - Sample Detection Limit
- E - TPH pattern not Gas or Diesel Range Pattern

See Final Page of Report for MQLs and MDLs

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B22(2-3)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-05
Project No:	185751311	**Collection Date:**	01/19/22 10:30 AM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TX1005 TPH SOIL		**TX1005**					Analyst: **BTJ**
T/R Hydrocarbons: C6-C12	<15.4	15.4	43.9		mg/Kg-dry	1	01/24/22 11:32 AM
T/R Hydrocarbons: >C12-C28	<15.4	15.4	43.9		mg/Kg-dry	1	01/24/22 11:32 AM
T/R Hydrocarbons: >C28-C35	<15.4	15.4	43.9		mg/Kg-dry	1	01/24/22 11:32 AM
T/R Hydrocarbons: C6-C35	<15.4	15.4	43.9		mg/Kg-dry	1	01/24/22 11:32 AM
Surr: Isopropylbenzene	82.1	0	70-130		%REC	1	01/24/22 11:32 AM
Surr: Octacosane	99.4	0	70-130		%REC	1	01/24/22 11:32 AM
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	8.66	0.108	0.325		mg/Kg-dry	5	01/25/22 11:45 AM
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
1,1,1,2-Tetrachloroethane	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
1,1,1-Trichloroethane	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
1,1,2,2-Tetrachloroethane	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
1,1,2-Trichloroethane	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
1,1,2-Trichlorotrifluoroethane	<0.00502	0.00502	0.0151		mg/Kg-dry	1	01/24/22 06:08 PM
1,1-Dichloroethane	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
1,1-Dichloroethene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
1,1-Dichloropropene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
1,2,3-Trichlorobenzene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
1,2,3-Trichloropropane	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
1,2,4-Trichlorobenzene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
1,2,4-Trimethylbenzene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
1,2-Dibromo-3-chloropropane	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
1,2-Dibromoethane	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
1,2-Dichlorobenzene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
1,2-Dichloroethane	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
1,2-Dichloropropane	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
1,3,5-Trimethylbenzene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
1,3-Dichlorobenzene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
1,3-Dichloropropane	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
1,4-Dichlorobenzene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
1-Chlorohexane	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
2,2-Dichloropropane	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
2-Butanone	<0.00502	0.00502	0.0151		mg/Kg-dry	1	01/24/22 06:08 PM
2-Chlorotoluene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
2-Hexanone	<0.00502	0.00502	0.0151		mg/Kg-dry	1	01/24/22 06:08 PM
4-Chlorotoluene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
4-Methyl-2-pentanone	<0.00502	0.00502	0.0151		mg/Kg-dry	1	01/24/22 06:08 PM
Acetone	<0.0151	0.0151	0.0502		mg/Kg-dry	1	01/24/22 06:08 PM

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DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B22(2-3)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-05
Project No:	185751311	**Collection Date:**	01/19/22 10:30 AM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Benzene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
Bromobenzene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
Bromochloromethane	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
Bromodichloromethane	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
Bromoform	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
Bromomethane	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
Carbon disulfide	<0.00502	0.00502	0.0151		mg/Kg-dry	1	01/24/22 06:08 PM
Carbon tetrachloride	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
Chlorobenzene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
Chloroethane	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
Chloroform	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
Chloromethane	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
cis-1,2-Dichloroethene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
cis-1,3-Dichloropropene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
Cyclohexane	<0.00502	0.00502	0.0151	N	mg/Kg-dry	1	01/24/22 06:08 PM
Dibromochloromethane	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
Dibromomethane	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
Dichlorodifluoromethane	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
Ethylbenzene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
Hexachlorobutadiene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
Isopropylbenzene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
m,p-Xylene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
Methyl Acetate	<0.00502	0.00502	0.0151		mg/Kg-dry	1	01/24/22 06:08 PM
Methyl tert-butyl ether	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
Methylcyclohexane	<0.00502	0.00502	0.0151		mg/Kg-dry	1	01/24/22 06:08 PM
Methylene chloride	<0.00502	0.00502	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
Naphthalene	<0.00502	0.00502	0.0151		mg/Kg-dry	1	01/24/22 06:08 PM
n-Butylbenzene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
n-Propylbenzene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
o-Xylene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
p-Isopropyltoluene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
sec-Butylbenzene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
Styrene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
tert-Butylbenzene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
Tetrachloroethene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
Toluene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
trans-1,2-Dichloroethene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
trans-1,3-Dichloropropene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
Trichloroethene	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM

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DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B22(2-3)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-05
Project No:	185751311	**Collection Date:**	01/19/22 10:30 AM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Trichlorofluoromethane	<0.00502	0.00502	0.0151		mg/Kg-dry	1	01/24/22 06:08 PM
Vinyl chloride	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
Xylenes, Total	<0.00100	0.00100	0.00502		mg/Kg-dry	1	01/24/22 06:08 PM
Surr: 1,2-Dichloroethane-d4	122	0	52-149		%REC	1	01/24/22 06:08 PM
Surr: 4-Bromofluorobenzene	105	0	84-118		%REC	1	01/24/22 06:08 PM
Surr: Dibromofluoromethane	115	0	65-135		%REC	1	01/24/22 06:08 PM
Surr: Toluene-d8	103	0	84-116		%REC	1	01/24/22 06:08 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	11.1	0	0		WT%	1	01/25/22 09:56 AM

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RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B22(7-8)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-06
Project No:	185751311	**Collection Date:**	01/19/22 11:15 AM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TX1005 TPH SOIL		**TX1005**					Analyst: **BTJ**
T/R Hydrocarbons: C6-C12	<13.5	13.5	38.5		mg/Kg-dry	1	01/24/22 11:41 AM
T/R Hydrocarbons: >C12-C28	<13.5	13.5	38.5		mg/Kg-dry	1	01/24/22 11:41 AM
T/R Hydrocarbons: >C28-C35	<13.5	13.5	38.5		mg/Kg-dry	1	01/24/22 11:41 AM
T/R Hydrocarbons: C6-C35	<13.5	13.5	38.5		mg/Kg-dry	1	01/24/22 11:41 AM
Surr: Isopropylbenzene	82.6	0	70-130		%REC	1	01/24/22 11:41 AM
Surr: Octacosane	101	0	70-130		%REC	1	01/24/22 11:41 AM
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	2.81	0.0972	0.292		mg/Kg-dry	5	01/25/22 11:47 AM
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
1,1,1,2-Tetrachloroethane	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
1,1,1-Trichloroethane	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
1,1,2,2-Tetrachloroethane	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
1,1,2-Trichloroethane	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
1,1,2-Trichlorotrifluoroethane	<0.00454	0.00454	0.0136		mg/Kg-dry	1	01/24/22 06:36 PM
1,1-Dichloroethane	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
1,1-Dichloroethene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
1,1-Dichloropropene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
1,2,3-Trichlorobenzene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
1,2,3-Trichloropropane	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
1,2,4-Trichlorobenzene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
1,2,4-Trimethylbenzene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
1,2-Dibromo-3-chloropropane	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
1,2-Dibromoethane	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
1,2-Dichlorobenzene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
1,2-Dichloroethane	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
1,2-Dichloropropane	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
1,3,5-Trimethylbenzene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
1,3-Dichlorobenzene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
1,3-Dichloropropane	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
1,4-Dichlorobenzene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
1-Chlorohexane	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
2,2-Dichloropropane	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
2-Butanone	<0.00454	0.00454	0.0136		mg/Kg-dry	1	01/24/22 06:36 PM
2-Chlorotoluene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
2-Hexanone	<0.00454	0.00454	0.0136		mg/Kg-dry	1	01/24/22 06:36 PM
4-Chlorotoluene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
4-Methyl-2-pentanone	<0.00454	0.00454	0.0136		mg/Kg-dry	1	01/24/22 06:36 PM
Acetone	<0.0136	0.0136	0.0454		mg/Kg-dry	1	01/24/22 06:36 PM

Qualifiers:

ND - Not Detected at the SDL
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C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B22(7-8)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-06
Project No:	185751311	**Collection Date:**	01/19/22 11:15 AM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Benzene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
Bromobenzene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
Bromochloromethane	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
Bromodichloromethane	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
Bromoform	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
Bromomethane	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
Carbon disulfide	<0.00454	0.00454	0.0136		mg/Kg-dry	1	01/24/22 06:36 PM
Carbon tetrachloride	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
Chlorobenzene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
Chloroethane	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
Chloroform	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
Chloromethane	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
cis-1,2-Dichloroethene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
cis-1,3-Dichloropropene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
Cyclohexane	<0.00454	0.00454	0.0136	N	mg/Kg-dry	1	01/24/22 06:36 PM
Dibromochloromethane	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
Dibromomethane	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
Dichlorodifluoromethane	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
Ethylbenzene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
Hexachlorobutadiene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
Isopropylbenzene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
m,p-Xylene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
Methyl Acetate	<0.00454	0.00454	0.0136		mg/Kg-dry	1	01/24/22 06:36 PM
Methyl tert-butyl ether	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
Methylcyclohexane	<0.00454	0.00454	0.0136		mg/Kg-dry	1	01/24/22 06:36 PM
Methylene chloride	<0.00454	0.00454	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
Naphthalene	<0.00454	0.00454	0.0136		mg/Kg-dry	1	01/24/22 06:36 PM
n-Butylbenzene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
n-Propylbenzene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
o-Xylene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
p-Isopropyltoluene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
sec-Butylbenzene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
Styrene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
tert-Butylbenzene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
Tetrachloroethene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
Toluene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
trans-1,2-Dichloroethene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
trans-1,3-Dichloropropene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
Trichloroethene	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM

Qualifiers:

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B - Analyte detected in the associated Method Blank
DF- Dilution Factor
N - Parameter not NELAP certified
See Final Page of Report for MQLs and MDLs
S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B22(7-8)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-06
Project No:	185751311	**Collection Date:**	01/19/22 11:15 AM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Trichlorofluoromethane	<0.00454	0.00454	0.0136		mg/Kg-dry	1	01/24/22 06:36 PM
Vinyl chloride	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
Xylenes, Total	<0.000909	0.000909	0.00454		mg/Kg-dry	1	01/24/22 06:36 PM
Surr: 1,2-Dichloroethane-d4	117	0	52-149		%REC	1	01/24/22 06:36 PM
Surr: 4-Bromofluorobenzene	105	0	84-118		%REC	1	01/24/22 06:36 PM
Surr: Dibromofluoromethane	109	0	65-135		%REC	1	01/24/22 06:36 PM
Surr: Toluene-d8	104	0	84-116		%REC	1	01/24/22 06:36 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	2.98	0	0		WT%	1	01/25/22 09:56 AM

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SDL - Sample Detection Limit
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DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B22(10-11)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-07
Project No:	185751311	**Collection Date:**	01/19/22 11:25 AM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TX1005 TPH SOIL		**TX1005**					Analyst: **BTJ**
T/R Hydrocarbons: C6-C12	<14.2	14.2	40.5		mg/Kg-dry	1	01/24/22 11:50 AM
T/R Hydrocarbons: >C12-C28	<14.2	14.2	40.5		mg/Kg-dry	1	01/24/22 11:50 AM
T/R Hydrocarbons: >C28-C35	<14.2	14.2	40.5		mg/Kg-dry	1	01/24/22 11:50 AM
T/R Hydrocarbons: C6-C35	<14.2	14.2	40.5		mg/Kg-dry	1	01/24/22 11:50 AM
Surr: Isopropylbenzene	81.7	0	70-130		%REC	1	01/24/22 11:50 AM
Surr: Octacosane	98.8	0	70-130		%REC	1	01/24/22 11:50 AM
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	3.37	0.101	0.302		mg/Kg-dry	5	01/25/22 11:50 AM
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
1,1,1,2-Tetrachloroethane	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
1,1,1-Trichloroethane	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
1,1,2,2-Tetrachloroethane	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
1,1,2-Trichloroethane	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
1,1,2-Trichlorotrifluoroethane	<0.00515	0.00515	0.0155		mg/Kg-dry	1	01/24/22 07:04 PM
1,1-Dichloroethane	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
1,1-Dichloroethene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
1,1-Dichloropropene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
1,2,3-Trichlorobenzene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
1,2,3-Trichloropropane	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
1,2,4-Trichlorobenzene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
1,2,4-Trimethylbenzene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
1,2-Dibromo-3-chloropropane	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
1,2-Dibromoethane	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
1,2-Dichlorobenzene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
1,2-Dichloroethane	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
1,2-Dichloropropane	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
1,3,5-Trimethylbenzene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
1,3-Dichlorobenzene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
1,3-Dichloropropane	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
1,4-Dichlorobenzene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
1-Chlorohexane	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
2,2-Dichloropropane	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
2-Butanone	<0.00515	0.00515	0.0155		mg/Kg-dry	1	01/24/22 07:04 PM
2-Chlorotoluene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
2-Hexanone	<0.00515	0.00515	0.0155		mg/Kg-dry	1	01/24/22 07:04 PM
4-Chlorotoluene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
4-Methyl-2-pentanone	<0.00515	0.00515	0.0155		mg/Kg-dry	1	01/24/22 07:04 PM
Acetone	<0.0155	0.0155	0.0515		mg/Kg-dry	1	01/24/22 07:04 PM

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DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B22(10-11)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-07
Project No:	185751311	**Collection Date:**	01/19/22 11:25 AM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Benzene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
Bromobenzene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
Bromochloromethane	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
Bromodichloromethane	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
Bromoform	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
Bromomethane	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
Carbon disulfide	<0.00515	0.00515	0.0155		mg/Kg-dry	1	01/24/22 07:04 PM
Carbon tetrachloride	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
Chlorobenzene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
Chloroethane	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
Chloroform	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
Chloromethane	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
cis-1,2-Dichloroethene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
cis-1,3-Dichloropropene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
Cyclohexane	<0.00515	0.00515	0.0155	N	mg/Kg-dry	1	01/24/22 07:04 PM
Dibromochloromethane	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
Dibromomethane	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
Dichlorodifluoromethane	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
Ethylbenzene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
Hexachlorobutadiene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
Isopropylbenzene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
m,p-Xylene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
Methyl Acetate	<0.00515	0.00515	0.0155		mg/Kg-dry	1	01/24/22 07:04 PM
Methyl tert-butyl ether	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
Methylcyclohexane	<0.00515	0.00515	0.0155		mg/Kg-dry	1	01/24/22 07:04 PM
Methylene chloride	<0.00515	0.00515	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
Naphthalene	<0.00515	0.00515	0.0155		mg/Kg-dry	1	01/24/22 07:04 PM
n-Butylbenzene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
n-Propylbenzene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
o-Xylene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
p-Isopropyltoluene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
sec-Butylbenzene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
Styrene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
tert-Butylbenzene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
Tetrachloroethene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
Toluene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
trans-1,2-Dichloroethene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
trans-1,3-Dichloropropene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
Trichloroethene	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM

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SDL - Sample Detection Limit
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DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B22(10-11)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-07
Project No:	185751311	**Collection Date:**	01/19/22 11:25 AM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Trichlorofluoromethane	<0.00515	0.00515	0.0155		mg/Kg-dry	1	01/24/22 07:04 PM
Vinyl chloride	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
Xylenes, Total	<0.00103	0.00103	0.00515		mg/Kg-dry	1	01/24/22 07:04 PM
Surr: 1,2-Dichloroethane-d4	114	0	52-149		%REC	1	01/24/22 07:04 PM
Surr: 4-Bromofluorobenzene	104	0	84-118		%REC	1	01/24/22 07:04 PM
Surr: Dibromofluoromethane	109	0	65-135		%REC	1	01/24/22 07:04 PM
Surr: Toluene-d8	105	0	84-116		%REC	1	01/24/22 07:04 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	7.21	0	0		WT%	1	01/25/22 09:56 AM

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- C - Sample Result or QC discussed in Case Narrative
- RL - Reporting Limit (MQL adjusted for moisture and sample size)
- SDL - Sample Detection Limit
- E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B23(3-4)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-08
Project No:	185751311	**Collection Date:**	01/19/22 11:55 AM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TX1005 TPH SOIL		**TX1005**					Analyst: **BTJ**
T/R Hydrocarbons: C6-C12	<15.0	15.0	42.9		mg/Kg-dry	1	01/24/22 11:59 AM
T/R Hydrocarbons: >C12-C28	<15.0	15.0	42.9		mg/Kg-dry	1	01/24/22 11:59 AM
T/R Hydrocarbons: >C28-C35	<15.0	15.0	42.9		mg/Kg-dry	1	01/24/22 11:59 AM
T/R Hydrocarbons: C6-C35	<15.0	15.0	42.9		mg/Kg-dry	1	01/24/22 11:59 AM
Surr: Isopropylbenzene	83.0	0	70-130		%REC	1	01/24/22 11:59 AM
Surr: Octacosane	102	0	70-130		%REC	1	01/24/22 11:59 AM
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	7.05	0.103	0.308		mg/Kg-dry	5	01/25/22 11:24 AM
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
1,1,1,2-Tetrachloroethane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
1,1,1-Trichloroethane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
1,1,2,2-Tetrachloroethane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
1,1,2-Trichloroethane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
1,1,2-Trichlorotrifluoroethane	<0.00540	0.00540	0.0162		mg/Kg-dry	1	01/24/22 07:32 PM
1,1-Dichloroethane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
1,1-Dichloroethene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
1,1-Dichloropropene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
1,2,3-Trichlorobenzene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
1,2,3-Trichloropropane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
1,2,4-Trichlorobenzene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
1,2,4-Trimethylbenzene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
1,2-Dibromo-3-chloropropane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
1,2-Dibromoethane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
1,2-Dichlorobenzene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
1,2-Dichloroethane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
1,2-Dichloropropane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
1,3,5-Trimethylbenzene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
1,3-Dichlorobenzene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
1,3-Dichloropropane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
1,4-Dichlorobenzene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
1-Chlorohexane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
2,2-Dichloropropane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
2-Butanone	<0.00540	0.00540	0.0162		mg/Kg-dry	1	01/24/22 07:32 PM
2-Chlorotoluene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
2-Hexanone	<0.00540	0.00540	0.0162		mg/Kg-dry	1	01/24/22 07:32 PM
4-Chlorotoluene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
4-Methyl-2-pentanone	<0.00540	0.00540	0.0162		mg/Kg-dry	1	01/24/22 07:32 PM
Acetone	<0.0162	0.0162	0.0540		mg/Kg-dry	1	01/24/22 07:32 PM

Qualifiers:

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J - Analyte detected between SDL and RL
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N - Parameter not NELAP certified
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S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B23(3-4)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-08
Project No:	185751311	**Collection Date:**	01/19/22 11:55 AM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Benzene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
Bromobenzene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
Bromochloromethane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
Bromodichloromethane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
Bromoform	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
Bromomethane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
Carbon disulfide	<0.00540	0.00540	0.0162		mg/Kg-dry	1	01/24/22 07:32 PM
Carbon tetrachloride	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
Chlorobenzene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
Chloroethane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
Chloroform	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
Chloromethane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
cis-1,2-Dichloroethene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
cis-1,3-Dichloropropene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
Cyclohexane	<0.00540	0.00540	0.0162	N	mg/Kg-dry	1	01/24/22 07:32 PM
Dibromochloromethane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
Dibromomethane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
Dichlorodifluoromethane	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
Ethylbenzene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
Hexachlorobutadiene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
Isopropylbenzene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
m,p-Xylene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
Methyl Acetate	<0.00540	0.00540	0.0162		mg/Kg-dry	1	01/24/22 07:32 PM
Methyl tert-butyl ether	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
Methylcyclohexane	<0.00540	0.00540	0.0162		mg/Kg-dry	1	01/24/22 07:32 PM
Methylene chloride	<0.00540	0.00540	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
Naphthalene	<0.00540	0.00540	0.0162		mg/Kg-dry	1	01/24/22 07:32 PM
n-Butylbenzene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
n-Propylbenzene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
o-Xylene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
p-Isopropyltoluene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
sec-Butylbenzene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
Styrene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
tert-Butylbenzene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
Tetrachloroethene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
Toluene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
trans-1,2-Dichloroethene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
trans-1,3-Dichloropropene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
Trichloroethene	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM

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RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B23(3-4)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-08
Project No:	185751311	**Collection Date:**	01/19/22 11:55 AM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Trichlorofluoromethane	<0.00540	0.00540	0.0162		mg/Kg-dry	1	01/24/22 07:32 PM
Vinyl chloride	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
Xylenes, Total	<0.00108	0.00108	0.00540		mg/Kg-dry	1	01/24/22 07:32 PM
Surr: 1,2-Dichloroethane-d4	115	0	52-149		%REC	1	01/24/22 07:32 PM
Surr: 4-Bromofluorobenzene	103	0	84-118		%REC	1	01/24/22 07:32 PM
Surr: Dibromofluoromethane	108	0	65-135		%REC	1	01/24/22 07:32 PM
Surr: Toluene-d8	105	0	84-116		%REC	1	01/24/22 07:32 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	7.14	0	0		WT%	1	01/25/22 09:56 AM

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SDL - Sample Detection Limit
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DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B23(8-9)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-09
Project No:	185751311	**Collection Date:**	01/19/22 12:25 PM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TX1005 TPH SOIL		**TX1005**					Analyst: **BTJ**
T/R Hydrocarbons: C6-C12	<19.5	19.5	55.6		mg/Kg-dry	1	01/24/22 12:08 PM
T/R Hydrocarbons: >C12-C28	<19.5	19.5	55.6		mg/Kg-dry	1	01/24/22 12:08 PM
T/R Hydrocarbons: >C28-C35	<19.5	19.5	55.6		mg/Kg-dry	1	01/24/22 12:08 PM
T/R Hydrocarbons: C6-C35	<19.5	19.5	55.6		mg/Kg-dry	1	01/24/22 12:08 PM
Surr: Isopropylbenzene	80.8	0	70-130		%REC	1	01/24/22 12:08 PM
Surr: Octacosane	99.9	0	70-130		%REC	1	01/24/22 12:08 PM
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	1.97	0.107	0.321		mg/Kg-dry	5	01/25/22 12:17 PM
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
1,1,1,2-Tetrachloroethane	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
1,1,1-Trichloroethane	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
1,1,2,2-Tetrachloroethane	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
1,1,2-Trichloroethane	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
1,1,2-Trichlorotrifluoroethane	<0.00880	0.00880	0.0264		mg/Kg-dry	1	01/24/22 08:00 PM
1,1-Dichloroethane	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
1,1-Dichloroethene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
1,1-Dichloropropene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
1,2,3-Trichlorobenzene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
1,2,3-Trichloropropane	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
1,2,4-Trichlorobenzene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
1,2,4-Trimethylbenzene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
1,2-Dibromo-3-chloropropane	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
1,2-Dibromoethane	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
1,2-Dichlorobenzene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
1,2-Dichloroethane	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
1,2-Dichloropropane	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
1,3,5-Trimethylbenzene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
1,3-Dichlorobenzene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
1,3-Dichloropropane	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
1,4-Dichlorobenzene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
1-Chlorohexane	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
2,2-Dichloropropane	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
2-Butanone	<0.00880	0.00880	0.0264		mg/Kg-dry	1	01/24/22 08:00 PM
2-Chlorotoluene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
2-Hexanone	<0.00880	0.00880	0.0264		mg/Kg-dry	1	01/24/22 08:00 PM
4-Chlorotoluene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
4-Methyl-2-pentanone	<0.00880	0.00880	0.0264		mg/Kg-dry	1	01/24/22 08:00 PM
Acetone	<0.0264	0.0264	0.0880		mg/Kg-dry	1	01/24/22 08:00 PM

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DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B23(8-9)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-09
Project No:	185751311	**Collection Date:**	01/19/22 12:25 PM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Benzene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
Bromobenzene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
Bromochloromethane	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
Bromodichloromethane	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
Bromoform	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
Bromomethane	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
Carbon disulfide	<0.00880	0.00880	0.0264		mg/Kg-dry	1	01/24/22 08:00 PM
Carbon tetrachloride	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
Chlorobenzene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
Chloroethane	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
Chloroform	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
Chloromethane	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
cis-1,2-Dichloroethene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
cis-1,3-Dichloropropene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
Cyclohexane	<0.00880	0.00880	0.0264	N	mg/Kg-dry	1	01/24/22 08:00 PM
Dibromochloromethane	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
Dibromomethane	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
Dichlorodifluoromethane	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
Ethylbenzene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
Hexachlorobutadiene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
Isopropylbenzene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
m,p-Xylene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
Methyl Acetate	<0.00880	0.00880	0.0264		mg/Kg-dry	1	01/24/22 08:00 PM
Methyl tert-butyl ether	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
Methylcyclohexane	<0.00880	0.00880	0.0264		mg/Kg-dry	1	01/24/22 08:00 PM
Methylene chloride	<0.00880	0.00880	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
Naphthalene	<0.00880	0.00880	0.0264		mg/Kg-dry	1	01/24/22 08:00 PM
n-Butylbenzene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
n-Propylbenzene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
o-Xylene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
p-Isopropyltoluene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
sec-Butylbenzene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
Styrene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
tert-Butylbenzene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
Tetrachloroethene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
Toluene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
trans-1,2-Dichloroethene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
trans-1,3-Dichloropropene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
Trichloroethene	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM

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DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B23(8-9)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-09
Project No:	185751311	**Collection Date:**	01/19/22 12:25 PM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Trichlorofluoromethane	<0.00880	0.00880	0.0264		mg/Kg-dry	1	01/24/22 08:00 PM
Vinyl chloride	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
Xylenes, Total	<0.00176	0.00176	0.00880		mg/Kg-dry	1	01/24/22 08:00 PM
Surr: 1,2-Dichloroethane-d4	111	0	52-149		%REC	1	01/24/22 08:00 PM
Surr: 4-Bromofluorobenzene	103	0	84-118		%REC	1	01/24/22 08:00 PM
Surr: Dibromofluoromethane	107	0	65-135		%REC	1	01/24/22 08:00 PM
Surr: Toluene-d8	105	0	84-116		%REC	1	01/24/22 08:00 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	21.5	0	0		WT%	1	01/25/22 09:56 AM

Qualifiers:

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- B - Analyte detected in the associated Method Blank
- DF- Dilution Factor
- N - Parameter not NELAP certified
- S - Spike Recovery outside control limits
- C - Sample Result or QC discussed in Case Narrative
- RL - Reporting Limit (MQL adjusted for moisture and sample size)
- SDL - Sample Detection Limit
- E - TPH pattern not Gas or Diesel Range Pattern

See Final Page of Report for MQLs and MDLs

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B23(11-12)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-10
Project No:	185751311	**Collection Date:**	01/19/22 12:42 PM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TX1005 TPH SOIL		**TX1005**					Analyst: **BTJ**
T/R Hydrocarbons: C6-C12	<15.0	15.0	42.9		mg/Kg-dry	1	01/24/22 12:17 PM
T/R Hydrocarbons: >C12-C28	<15.0	15.0	42.9		mg/Kg-dry	1	01/24/22 12:17 PM
T/R Hydrocarbons: >C28-C35	<15.0	15.0	42.9		mg/Kg-dry	1	01/24/22 12:17 PM
T/R Hydrocarbons: C6-C35	<15.0	15.0	42.9		mg/Kg-dry	1	01/24/22 12:17 PM
Surr: Isopropylbenzene	81.4	0	70-130		%REC	1	01/24/22 12:17 PM
Surr: Octacosane	99.9	0	70-130		%REC	1	01/24/22 12:17 PM
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	3.47	0.0926	0.278		mg/Kg-dry	5	01/25/22 12:19 PM
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
1,1,1,2-Tetrachloroethane	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
1,1,1-Trichloroethane	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
1,1,2,2-Tetrachloroethane	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
1,1,2-Trichloroethane	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
1,1,2-Trichlorotrifluoroethane	<0.00560	0.00560	0.0168		mg/Kg-dry	1	01/24/22 08:29 PM
1,1-Dichloroethane	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
1,1-Dichloroethene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
1,1-Dichloropropene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
1,2,3-Trichlorobenzene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
1,2,3-Trichloropropane	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
1,2,4-Trichlorobenzene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
1,2,4-Trimethylbenzene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
1,2-Dibromo-3-chloropropane	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
1,2-Dibromoethane	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
1,2-Dichlorobenzene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
1,2-Dichloroethane	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
1,2-Dichloropropane	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
1,3,5-Trimethylbenzene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
1,3-Dichlorobenzene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
1,3-Dichloropropane	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
1,4-Dichlorobenzene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
1-Chlorohexane	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
2,2-Dichloropropane	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
2-Butanone	<0.00560	0.00560	0.0168		mg/Kg-dry	1	01/24/22 08:29 PM
2-Chlorotoluene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
2-Hexanone	<0.00560	0.00560	0.0168		mg/Kg-dry	1	01/24/22 08:29 PM
4-Chlorotoluene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
4-Methyl-2-pentanone	<0.00560	0.00560	0.0168		mg/Kg-dry	1	01/24/22 08:29 PM
Acetone	<0.0168	0.0168	0.0560		mg/Kg-dry	1	01/24/22 08:29 PM

Qualifiers:

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B - Analyte detected in the associated Method Blank
DF- Dilution Factor
N - Parameter not NELAP certified
See Final Page of Report for MQLs and MDLs
S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B23(11-12)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-10
Project No:	185751311	**Collection Date:**	01/19/22 12:42 PM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Benzene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
Bromobenzene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
Bromochloromethane	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
Bromodichloromethane	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
Bromoform	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
Bromomethane	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
Carbon disulfide	<0.00560	0.00560	0.0168		mg/Kg-dry	1	01/24/22 08:29 PM
Carbon tetrachloride	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
Chlorobenzene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
Chloroethane	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
Chloroform	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
Chloromethane	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
cis-1,2-Dichloroethene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
cis-1,3-Dichloropropene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
Cyclohexane	<0.00560	0.00560	0.0168	N	mg/Kg-dry	1	01/24/22 08:29 PM
Dibromochloromethane	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
Dibromomethane	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
Dichlorodifluoromethane	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
Ethylbenzene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
Hexachlorobutadiene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
Isopropylbenzene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
m,p-Xylene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
Methyl Acetate	<0.00560	0.00560	0.0168		mg/Kg-dry	1	01/24/22 08:29 PM
Methyl tert-butyl ether	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
Methylcyclohexane	<0.00560	0.00560	0.0168		mg/Kg-dry	1	01/24/22 08:29 PM
Methylene chloride	<0.00560	0.00560	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
Naphthalene	<0.00560	0.00560	0.0168		mg/Kg-dry	1	01/24/22 08:29 PM
n-Butylbenzene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
n-Propylbenzene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
o-Xylene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
p-Isopropyltoluene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
sec-Butylbenzene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
Styrene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
tert-Butylbenzene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
Tetrachloroethene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
Toluene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
trans-1,2-Dichloroethene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
trans-1,3-Dichloropropene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
Trichloroethene	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM

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E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B23(11-12)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-10
Project No:	185751311	**Collection Date:**	01/19/22 12:42 PM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Trichlorofluoromethane	<0.00560	0.00560	0.0168		mg/Kg-dry	1	01/24/22 08:29 PM
Vinyl chloride	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
Xylenes, Total	<0.00112	0.00112	0.00560		mg/Kg-dry	1	01/24/22 08:29 PM
Surr: 1,2-Dichloroethane-d4	113	0	52-149		%REC	1	01/24/22 08:29 PM
Surr: 4-Bromofluorobenzene	104	0	84-118		%REC	1	01/24/22 08:29 PM
Surr: Dibromofluoromethane	107	0	65-135		%REC	1	01/24/22 08:29 PM
Surr: Toluene-d8	104	0	84-116		%REC	1	01/24/22 08:29 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	0.932	0	0		WT%	1	01/25/22 09:56 AM

Qualifiers:

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C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B24(4-5)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-11
Project No:	185751311	**Collection Date:**	01/19/22 02:00 PM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TX1005 TPH SOIL		**TX1005**					Analyst: **BTJ**
T/R Hydrocarbons: C6-C12	<17.1	17.1	48.7		mg/Kg-dry	1	01/24/22 12:27 PM
T/R Hydrocarbons: >C12-C28	<17.1	17.1	48.7		mg/Kg-dry	1	01/24/22 12:27 PM
T/R Hydrocarbons: >C28-C35	<17.1	17.1	48.7		mg/Kg-dry	1	01/24/22 12:27 PM
T/R Hydrocarbons: C6-C35	<17.1	17.1	48.7		mg/Kg-dry	1	01/24/22 12:27 PM
Surr: Isopropylbenzene	82.1	0	70-130		%REC	1	01/24/22 12:27 PM
Surr: Octacosane	98.6	0	70-130		%REC	1	01/24/22 12:27 PM
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	6.13	0.114	0.343		mg/Kg-dry	5	01/25/22 12:22 PM
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
1,1,1,2-Tetrachloroethane	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
1,1,1-Trichloroethane	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
1,1,2,2-Tetrachloroethane	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
1,1,2-Trichloroethane	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
1,1,2-Trichlorotrifluoroethane	<0.00481	0.00481	0.0144		mg/Kg-dry	1	01/24/22 08:58 PM
1,1-Dichloroethane	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
1,1-Dichloroethene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
1,1-Dichloropropene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
1,2,3-Trichlorobenzene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
1,2,3-Trichloropropane	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
1,2,4-Trichlorobenzene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
1,2,4-Trimethylbenzene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
1,2-Dibromo-3-chloropropane	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
1,2-Dibromoethane	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
1,2-Dichlorobenzene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
1,2-Dichloroethane	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
1,2-Dichloropropane	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
1,3,5-Trimethylbenzene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
1,3-Dichlorobenzene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
1,3-Dichloropropane	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
1,4-Dichlorobenzene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
1-Chlorohexane	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
2,2-Dichloropropane	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
2-Butanone	<0.00481	0.00481	0.0144		mg/Kg-dry	1	01/24/22 08:58 PM
2-Chlorotoluene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
2-Hexanone	<0.00481	0.00481	0.0144		mg/Kg-dry	1	01/24/22 08:58 PM
4-Chlorotoluene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
4-Methyl-2-pentanone	<0.00481	0.00481	0.0144		mg/Kg-dry	1	01/24/22 08:58 PM
Acetone	<0.0144	0.0144	0.0481		mg/Kg-dry	1	01/24/22 08:58 PM

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C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B24(4-5)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-11
Project No:	185751311	**Collection Date:**	01/19/22 02:00 PM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Benzene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
Bromobenzene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
Bromochloromethane	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
Bromodichloromethane	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
Bromoform	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
Bromomethane	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
Carbon disulfide	<0.00481	0.00481	0.0144		mg/Kg-dry	1	01/24/22 08:58 PM
Carbon tetrachloride	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
Chlorobenzene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
Chloroethane	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
Chloroform	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
Chloromethane	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
cis-1,2-Dichloroethene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
cis-1,3-Dichloropropene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
Cyclohexane	<0.00481	0.00481	0.0144	N	mg/Kg-dry	1	01/24/22 08:58 PM
Dibromochloromethane	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
Dibromomethane	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
Dichlorodifluoromethane	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
Ethylbenzene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
Hexachlorobutadiene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
Isopropylbenzene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
m,p-Xylene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
Methyl Acetate	<0.00481	0.00481	0.0144		mg/Kg-dry	1	01/24/22 08:58 PM
Methyl tert-butyl ether	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
Methylcyclohexane	<0.00481	0.00481	0.0144		mg/Kg-dry	1	01/24/22 08:58 PM
Methylene chloride	<0.00481	0.00481	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
Naphthalene	<0.00481	0.00481	0.0144		mg/Kg-dry	1	01/24/22 08:58 PM
n-Butylbenzene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
n-Propylbenzene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
o-Xylene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
p-Isopropyltoluene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
sec-Butylbenzene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
Styrene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
tert-Butylbenzene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
Tetrachloroethene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
Toluene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
trans-1,2-Dichloroethene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
trans-1,3-Dichloropropene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
Trichloroethene	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM

Qualifiers:

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DF- Dilution Factor
N - Parameter not NELAP certified
See Final Page of Report for MQLs and MDLs
S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B24(4-5)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-11
Project No:	185751311	**Collection Date:**	01/19/22 02:00 PM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Trichlorofluoromethane	<0.00481	0.00481	0.0144		mg/Kg-dry	1	01/24/22 08:58 PM
Vinyl chloride	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
Xylenes, Total	<0.000963	0.000963	0.00481		mg/Kg-dry	1	01/24/22 08:58 PM
Surr: 1,2-Dichloroethane-d4	115	0	52-149		%REC	1	01/24/22 08:58 PM
Surr: 4-Bromofluorobenzene	105	0	84-118		%REC	1	01/24/22 08:58 PM
Surr: Dibromofluoromethane	109	0	65-135		%REC	1	01/24/22 08:58 PM
Surr: Toluene-d8	104	0	84-116		%REC	1	01/24/22 08:58 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	13.4	0	0		WT%	1	01/25/22 09:56 AM

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S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B24(9-10)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-12
Project No:	185751311	**Collection Date:**	01/19/22 02:30 PM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TX1005 TPH SOIL		**TX1005**					Analyst: **BTJ**
T/R Hydrocarbons: C6-C12	<15.3	15.3	43.7		mg/Kg-dry	1	01/24/22 12:36 PM
T/R Hydrocarbons: >C12-C28	<15.3	15.3	43.7		mg/Kg-dry	1	01/24/22 12:36 PM
T/R Hydrocarbons: >C28-C35	<15.3	15.3	43.7		mg/Kg-dry	1	01/24/22 12:36 PM
T/R Hydrocarbons: C6-C35	<15.3	15.3	43.7		mg/Kg-dry	1	01/24/22 12:36 PM
Surr: Isopropylbenzene	81.7	0	70-130		%REC	1	01/24/22 12:36 PM
Surr: Octacosane	99.9	0	70-130		%REC	1	01/24/22 12:36 PM
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	2.33	0.0915	0.275		mg/Kg-dry	5	01/25/22 12:25 PM
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
1,1,1,2-Tetrachloroethane	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
1,1,1-Trichloroethane	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
1,1,2,2-Tetrachloroethane	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
1,1,2-Trichloroethane	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
1,1,2-Trichlorotrifluoroethane	<0.00607	0.00607	0.0182		mg/Kg-dry	1	01/24/22 09:27 PM
1,1-Dichloroethane	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
1,1-Dichloroethene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
1,1-Dichloropropene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
1,2,3-Trichlorobenzene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
1,2,3-Trichloropropane	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
1,2,4-Trichlorobenzene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
1,2,4-Trimethylbenzene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
1,2-Dibromo-3-chloropropane	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
1,2-Dibromoethane	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
1,2-Dichlorobenzene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
1,2-Dichloroethane	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
1,2-Dichloropropane	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
1,3,5-Trimethylbenzene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
1,3-Dichlorobenzene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
1,3-Dichloropropane	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
1,4-Dichlorobenzene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
1-Chlorohexane	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
2,2-Dichloropropane	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
2-Butanone	<0.00607	0.00607	0.0182		mg/Kg-dry	1	01/24/22 09:27 PM
2-Chlorotoluene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
2-Hexanone	<0.00607	0.00607	0.0182		mg/Kg-dry	1	01/24/22 09:27 PM
4-Chlorotoluene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
4-Methyl-2-pentanone	<0.00607	0.00607	0.0182		mg/Kg-dry	1	01/24/22 09:27 PM
Acetone	<0.0182	0.0182	0.0607		mg/Kg-dry	1	01/24/22 09:27 PM

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DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B24(9-10)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-12
Project No:	185751311	**Collection Date:**	01/19/22 02:30 PM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Benzene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
Bromobenzene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
Bromochloromethane	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
Bromodichloromethane	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
Bromoform	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
Bromomethane	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
Carbon disulfide	<0.00607	0.00607	0.0182		mg/Kg-dry	1	01/24/22 09:27 PM
Carbon tetrachloride	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
Chlorobenzene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
Chloroethane	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
Chloroform	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
Chloromethane	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
cis-1,2-Dichloroethene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
cis-1,3-Dichloropropene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
Cyclohexane	<0.00607	0.00607	0.0182	N	mg/Kg-dry	1	01/24/22 09:27 PM
Dibromochloromethane	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
Dibromomethane	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
Dichlorodifluoromethane	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
Ethylbenzene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
Hexachlorobutadiene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
Isopropylbenzene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
m,p-Xylene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
Methyl Acetate	<0.00607	0.00607	0.0182		mg/Kg-dry	1	01/24/22 09:27 PM
Methyl tert-butyl ether	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
Methylcyclohexane	<0.00607	0.00607	0.0182		mg/Kg-dry	1	01/24/22 09:27 PM
Methylene chloride	<0.00607	0.00607	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
Naphthalene	<0.00607	0.00607	0.0182		mg/Kg-dry	1	01/24/22 09:27 PM
n-Butylbenzene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
n-Propylbenzene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
o-Xylene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
p-Isopropyltoluene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
sec-Butylbenzene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
Styrene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
tert-Butylbenzene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
Tetrachloroethene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
Toluene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
trans-1,2-Dichloroethene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
trans-1,3-Dichloropropene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
Trichloroethene	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM

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DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B24(9-10)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-12
Project No:	185751311	**Collection Date:**	01/19/22 02:30 PM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Trichlorofluoromethane	<0.00607	0.00607	0.0182		mg/Kg-dry	1	01/24/22 09:27 PM
Vinyl chloride	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
Xylenes, Total	<0.00121	0.00121	0.00607		mg/Kg-dry	1	01/24/22 09:27 PM
Surr: 1,2-Dichloroethane-d4	114	0	52-149		%REC	1	01/24/22 09:27 PM
Surr: 4-Bromofluorobenzene	103	0	84-118		%REC	1	01/24/22 09:27 PM
Surr: Dibromofluoromethane	108	0	65-135		%REC	1	01/24/22 09:27 PM
Surr: Toluene-d8	105	0	84-116		%REC	1	01/24/22 09:27 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	7.39	0	0		WT%	1	01/25/22 09:56 AM

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SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B24(11-12)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-13
Project No:	185751311	**Collection Date:**	01/19/22 02:35 PM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TX1005 TPH SOIL		**TX1005**					Analyst: **BTJ**
T/R Hydrocarbons: C6-C12	<15.5	15.5	44.4		mg/Kg-dry	1	01/24/22 12:45 PM
T/R Hydrocarbons: >C12-C28	<15.5	15.5	44.4		mg/Kg-dry	1	01/24/22 12:45 PM
T/R Hydrocarbons: >C28-C35	<15.5	15.5	44.4		mg/Kg-dry	1	01/24/22 12:45 PM
T/R Hydrocarbons: C6-C35	<15.5	15.5	44.4		mg/Kg-dry	1	01/24/22 12:45 PM
Surr: Isopropylbenzene	82.1	0	70-130		%REC	1	01/24/22 12:45 PM
Surr: Octacosane	100	0	70-130		%REC	1	01/24/22 12:45 PM
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	2.61	0.102	0.307		mg/Kg-dry	5	01/25/22 12:27 PM
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
1,1,1,2-Tetrachloroethane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
1,1,1-Trichloroethane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
1,1,2,2-Tetrachloroethane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
1,1,2-Trichloroethane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
1,1,2-Trichlorotrifluoroethane	<0.00570	0.00570	0.0171		mg/Kg-dry	1	01/24/22 09:56 PM
1,1-Dichloroethane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
1,1-Dichloroethene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
1,1-Dichloropropene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
1,2,3-Trichlorobenzene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
1,2,3-Trichloropropane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
1,2,4-Trichlorobenzene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
1,2,4-Trimethylbenzene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
1,2-Dibromo-3-chloropropane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
1,2-Dibromoethane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
1,2-Dichlorobenzene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
1,2-Dichloroethane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
1,2-Dichloropropane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
1,3,5-Trimethylbenzene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
1,3-Dichlorobenzene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
1,3-Dichloropropane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
1,4-Dichlorobenzene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
1-Chlorohexane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
2,2-Dichloropropane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
2-Butanone	<0.00570	0.00570	0.0171		mg/Kg-dry	1	01/24/22 09:56 PM
2-Chlorotoluene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
2-Hexanone	<0.00570	0.00570	0.0171		mg/Kg-dry	1	01/24/22 09:56 PM
4-Chlorotoluene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
4-Methyl-2-pentanone	<0.00570	0.00570	0.0171		mg/Kg-dry	1	01/24/22 09:56 PM
Acetone	<0.0171	0.0171	0.0570		mg/Kg-dry	1	01/24/22 09:56 PM

Qualifiers:

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N - Parameter not NELAP certified
See Final Page of Report for MQLs and MDLs
S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B24(11-12)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-13
Project No:	185751311	**Collection Date:**	01/19/22 02:35 PM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Benzene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
Bromobenzene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
Bromochloromethane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
Bromodichloromethane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
Bromoform	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
Bromomethane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
Carbon disulfide	<0.00570	0.00570	0.0171		mg/Kg-dry	1	01/24/22 09:56 PM
Carbon tetrachloride	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
Chlorobenzene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
Chloroethane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
Chloroform	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
Chloromethane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
cis-1,2-Dichloroethene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
cis-1,3-Dichloropropene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
Cyclohexane	<0.00570	0.00570	0.0171	N	mg/Kg-dry	1	01/24/22 09:56 PM
Dibromochloromethane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
Dibromomethane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
Dichlorodifluoromethane	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
Ethylbenzene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
Hexachlorobutadiene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
Isopropylbenzene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
m,p-Xylene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
Methyl Acetate	<0.00570	0.00570	0.0171		mg/Kg-dry	1	01/24/22 09:56 PM
Methyl tert-butyl ether	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
Methylcyclohexane	<0.00570	0.00570	0.0171		mg/Kg-dry	1	01/24/22 09:56 PM
Methylene chloride	<0.00570	0.00570	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
Naphthalene	<0.00570	0.00570	0.0171		mg/Kg-dry	1	01/24/22 09:56 PM
n-Butylbenzene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
n-Propylbenzene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
o-Xylene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
p-Isopropyltoluene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
sec-Butylbenzene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
Styrene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
tert-Butylbenzene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
Tetrachloroethene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
Toluene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
trans-1,2-Dichloroethene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
trans-1,3-Dichloropropene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
Trichloroethene	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM

Qualifiers:

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S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B24(11-12)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-13
Project No:	185751311	**Collection Date:**	01/19/22 02:35 PM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Trichlorofluoromethane	<0.00570	0.00570	0.0171		mg/Kg-dry	1	01/24/22 09:56 PM
Vinyl chloride	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
Xylenes, Total	<0.00114	0.00114	0.00570		mg/Kg-dry	1	01/24/22 09:56 PM
Surr: 1,2-Dichloroethane-d4	112	0	52-149		%REC	1	01/24/22 09:56 PM
Surr: 4-Bromofluorobenzene	105	0	84-118		%REC	1	01/24/22 09:56 PM
Surr: Dibromofluoromethane	108	0	65-135		%REC	1	01/24/22 09:56 PM
Surr: Toluene-d8	105	0	84-116		%REC	1	01/24/22 09:56 PM
PERCENT MOISTURE		**D2216**					Analyst: **BTJ**
Percent Moisture	7.84	0	0		WT%	1	01/26/22 08:15 AM

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RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	DUP05
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-15
Project No:	185751311	**Collection Date:**	01/19/22 04:00 PM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TX1005 TPH SOIL		**TX1005**					Analyst: **BTJ**
T/R Hydrocarbons: C6-C12	<13.8	13.8	39.6		mg/Kg-dry	1	01/24/22 12:54 PM
T/R Hydrocarbons: >C12-C28	<13.8	13.8	39.6		mg/Kg-dry	1	01/24/22 12:54 PM
T/R Hydrocarbons: >C28-C35	<13.8	13.8	39.6		mg/Kg-dry	1	01/24/22 12:54 PM
T/R Hydrocarbons: C6-C35	<13.8	13.8	39.6		mg/Kg-dry	1	01/24/22 12:54 PM
Surr: Isopropylbenzene	82.1	0	70-130		%REC	1	01/24/22 12:54 PM
Surr: Octacosane	98.9	0	70-130		%REC	1	01/24/22 12:54 PM
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	7.31	0.0992	0.298		mg/Kg-dry	5	01/25/22 12:30 PM
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
1,1,1,2-Tetrachloroethane	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
1,1,1-Trichloroethane	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
1,1,2,2-Tetrachloroethane	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
1,1,2-Trichloroethane	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
1,1,2-Trichlorotrifluoroethane	<0.00508	0.00508	0.0152		mg/Kg-dry	1	01/24/22 10:24 PM
1,1-Dichloroethane	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
1,1-Dichloroethene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
1,1-Dichloropropene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
1,2,3-Trichlorobenzene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
1,2,3-Trichloropropane	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
1,2,4-Trichlorobenzene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
1,2,4-Trimethylbenzene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
1,2-Dibromo-3-chloropropane	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
1,2-Dibromoethane	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
1,2-Dichlorobenzene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
1,2-Dichloroethane	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
1,2-Dichloropropane	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
1,3,5-Trimethylbenzene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
1,3-Dichlorobenzene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
1,3-Dichloropropane	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
1,4-Dichlorobenzene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
1-Chlorohexane	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
2,2-Dichloropropane	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
2-Butanone	<0.00508	0.00508	0.0152		mg/Kg-dry	1	01/24/22 10:24 PM
2-Chlorotoluene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
2-Hexanone	<0.00508	0.00508	0.0152		mg/Kg-dry	1	01/24/22 10:24 PM
4-Chlorotoluene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
4-Methyl-2-pentanone	<0.00508	0.00508	0.0152		mg/Kg-dry	1	01/24/22 10:24 PM
Acetone	<0.0152	0.0152	0.0508		mg/Kg-dry	1	01/24/22 10:24 PM

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RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	DUP05
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-15
Project No:	185751311	**Collection Date:**	01/19/22 04:00 PM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Benzene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
Bromobenzene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
Bromochloromethane	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
Bromodichloromethane	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
Bromoform	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
Bromomethane	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
Carbon disulfide	<0.00508	0.00508	0.0152		mg/Kg-dry	1	01/24/22 10:24 PM
Carbon tetrachloride	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
Chlorobenzene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
Chloroethane	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
Chloroform	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
Chloromethane	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
cis-1,2-Dichloroethene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
cis-1,3-Dichloropropene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
Cyclohexane	<0.00508	0.00508	0.0152	N	mg/Kg-dry	1	01/24/22 10:24 PM
Dibromochloromethane	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
Dibromomethane	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
Dichlorodifluoromethane	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
Ethylbenzene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
Hexachlorobutadiene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
Isopropylbenzene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
m,p-Xylene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
Methyl Acetate	<0.00508	0.00508	0.0152		mg/Kg-dry	1	01/24/22 10:24 PM
Methyl tert-butyl ether	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
Methylcyclohexane	<0.00508	0.00508	0.0152		mg/Kg-dry	1	01/24/22 10:24 PM
Methylene chloride	<0.00508	0.00508	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
Naphthalene	<0.00508	0.00508	0.0152		mg/Kg-dry	1	01/24/22 10:24 PM
n-Butylbenzene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
n-Propylbenzene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
o-Xylene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
p-Isopropyltoluene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
sec-Butylbenzene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
Styrene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
tert-Butylbenzene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
Tetrachloroethene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
Toluene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
trans-1,2-Dichloroethene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
trans-1,3-Dichloropropene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
Trichloroethene	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM

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RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	DUP05
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-15
Project No:	185751311	**Collection Date:**	01/19/22 04:00 PM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Trichlorofluoromethane	<0.00508	0.00508	0.0152		mg/Kg-dry	1	01/24/22 10:24 PM
Vinyl chloride	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
Xylenes, Total	<0.00102	0.00102	0.00508		mg/Kg-dry	1	01/24/22 10:24 PM
Surr: 1,2-Dichloroethane-d4	119	0	52-149		%REC	1	01/24/22 10:24 PM
Surr: 4-Bromofluorobenzene	104	0	84-118		%REC	1	01/24/22 10:24 PM
Surr: Dibromofluoromethane	111	0	65-135		%REC	1	01/24/22 10:24 PM
Surr: Toluene-d8	105	0	84-116		%REC	1	01/24/22 10:24 PM
PERCENT MOISTURE		**D2216**					Analyst: **BTJ**
Percent Moisture	9.23	0	0		WT%	1	01/26/22 08:15 AM

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DF- Dilution Factor
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C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	DUP06
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-16
Project No:	185751311	**Collection Date:**	01/19/22 05:00 PM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TX1005 TPH SOIL		**TX1005**					Analyst: **BTJ**
T/R Hydrocarbons: C6-C12	<14.4	14.4	41.1		mg/Kg-dry	1	01/24/22 01:03 PM
T/R Hydrocarbons: >C12-C28	<14.4	14.4	41.1		mg/Kg-dry	1	01/24/22 01:03 PM
T/R Hydrocarbons: >C28-C35	<14.4	14.4	41.1		mg/Kg-dry	1	01/24/22 01:03 PM
T/R Hydrocarbons: C6-C35	<14.4	14.4	41.1		mg/Kg-dry	1	01/24/22 01:03 PM
Surr: Isopropylbenzene	80.6	0	70-130		%REC	1	01/24/22 01:03 PM
Surr: Octacosane	98.0	0	70-130		%REC	1	01/24/22 01:03 PM
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	8.10	0.103	0.309		mg/Kg-dry	5	01/25/22 12:32 PM
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
1,1,1,2-Tetrachloroethane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
1,1,1-Trichloroethane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
1,1,2,2-Tetrachloroethane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
1,1,2-Trichloroethane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
1,1,2-Trichlorotrifluoroethane	<0.00528	0.00528	0.0158		mg/Kg-dry	1	01/24/22 10:53 PM
1,1-Dichloroethane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
1,1-Dichloroethene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
1,1-Dichloropropene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
1,2,3-Trichlorobenzene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
1,2,3-Trichloropropane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
1,2,4-Trichlorobenzene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
1,2,4-Trimethylbenzene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
1,2-Dibromo-3-chloropropane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
1,2-Dibromoethane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
1,2-Dichlorobenzene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
1,2-Dichloroethane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
1,2-Dichloropropane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
1,3,5-Trimethylbenzene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
1,3-Dichlorobenzene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
1,3-Dichloropropane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
1,4-Dichlorobenzene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
1-Chlorohexane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
2,2-Dichloropropane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
2-Butanone	<0.00528	0.00528	0.0158		mg/Kg-dry	1	01/24/22 10:53 PM
2-Chlorotoluene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
2-Hexanone	<0.00528	0.00528	0.0158		mg/Kg-dry	1	01/24/22 10:53 PM
4-Chlorotoluene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
4-Methyl-2-pentanone	<0.00528	0.00528	0.0158		mg/Kg-dry	1	01/24/22 10:53 PM
Acetone	<0.0158	0.0158	0.0528		mg/Kg-dry	1	01/24/22 10:53 PM

Qualifiers:

ND - Not Detected at the SDL
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N - Parameter not NELAP certified
See Final Page of Report for MQLs and MDLs
S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	DUP06
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-16
Project No:	185751311	**Collection Date:**	01/19/22 05:00 PM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Benzene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
Bromobenzene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
Bromochloromethane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
Bromodichloromethane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
Bromoform	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
Bromomethane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
Carbon disulfide	<0.00528	0.00528	0.0158		mg/Kg-dry	1	01/24/22 10:53 PM
Carbon tetrachloride	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
Chlorobenzene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
Chloroethane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
Chloroform	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
Chloromethane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
cis-1,2-Dichloroethene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
cis-1,3-Dichloropropene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
Cyclohexane	<0.00528	0.00528	0.0158	N	mg/Kg-dry	1	01/24/22 10:53 PM
Dibromochloromethane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
Dibromomethane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
Dichlorodifluoromethane	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
Ethylbenzene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
Hexachlorobutadiene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
Isopropylbenzene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
m,p-Xylene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
Methyl Acetate	<0.00528	0.00528	0.0158		mg/Kg-dry	1	01/24/22 10:53 PM
Methyl tert-butyl ether	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
Methylcyclohexane	<0.00528	0.00528	0.0158		mg/Kg-dry	1	01/24/22 10:53 PM
Methylene chloride	<0.00528	0.00528	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
Naphthalene	<0.00528	0.00528	0.0158		mg/Kg-dry	1	01/24/22 10:53 PM
n-Butylbenzene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
n-Propylbenzene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
o-Xylene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
p-Isopropyltoluene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
sec-Butylbenzene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
Styrene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
tert-Butylbenzene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
Tetrachloroethene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
Toluene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
trans-1,2-Dichloroethene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
trans-1,3-Dichloropropene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
Trichloroethene	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM

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S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	DUP06
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-16
Project No:	185751311	**Collection Date:**	01/19/22 05:00 PM
Lab Order:	2201148	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Trichlorofluoromethane	<0.00528	0.00528	0.0158		mg/Kg-dry	1	01/24/22 10:53 PM
Vinyl chloride	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
Xylenes, Total	<0.00106	0.00106	0.00528		mg/Kg-dry	1	01/24/22 10:53 PM
Surr: 1,2-Dichloroethane-d4	120	0	52-149		%REC	1	01/24/22 10:53 PM
Surr: 4-Bromofluorobenzene	104	0	84-118		%REC	1	01/24/22 10:53 PM
Surr: Dibromofluoromethane	112	0	65-135		%REC	1	01/24/22 10:53 PM
Surr: Toluene-d8	105	0	84-116		%REC	1	01/24/22 10:53 PM
PERCENT MOISTURE		**D2216**					Analyst: **BTJ**
Percent Moisture	10.0	0	0		WT%	1	01/26/22 08:15 AM

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SDL - Sample Detection Limit
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DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	TB011922
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-17
Project No:	185751311	**Collection Date:**	01/19/22 08:00 AM
Lab Order:	2201148	**Matrix:**	TRIP BLANK

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
8260 WATER VOLATILES BY GC/MS		**SW8260D**					Analyst: **SNM**
1,1,1,2-Tetrachloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
1,1,1-Trichloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
1,1,2,2-Tetrachloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
1,1,2-Trichloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	01/21/22 03:18 PM
1,1-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
1,1-Dichloroethene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
1,1-Dichloropropene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
1,2,3-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	01/21/22 03:18 PM
1,2,3-Trichloropropane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	01/21/22 03:18 PM
1,2,4-Trimethylbenzene	<0.00150	0.00150	0.00500		mg/L	1	01/21/22 03:18 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	01/21/22 03:18 PM
1,2-Dibromoethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
1,2-Dichloropropane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
1,3,5-Trimethylbenzene	<0.00150	0.00150	0.00500		mg/L	1	01/21/22 03:18 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
1,3-Dichloropropane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
1-Chlorohexane	<0.00100	0.00100	0.00500		mg/L	1	01/21/22 03:18 PM
2,2-Dichloropropane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	01/21/22 03:18 PM
2-Chlorotoluene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	01/21/22 03:18 PM
4-Chlorotoluene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	01/21/22 03:18 PM
Acetone	<0.00500	0.00500	0.0150		mg/L	1	01/21/22 03:18 PM
Benzene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
Bromobenzene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
Bromochloromethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
Bromodichloromethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
Bromoform	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	01/21/22 03:18 PM
Carbon tetrachloride	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
Chlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM

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DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	TB011922
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201148-17
Project No:	185751311	**Collection Date:**	01/19/22 08:00 AM
Lab Order:	2201148	**Matrix:**	TRIP BLANK

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
8260 WATER VOLATILES BY GC/MS		**SW8260D**					Analyst: **SNM**
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
cis-1,2-Dichloroethene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
cis-1,3-Dichloropropene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	01/21/22 03:18 PM
Dibromochloromethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
Dibromomethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
Dichlorodifluoromethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
Hexachlorobutadiene	<0.00100	0.00100	0.00300		mg/L	1	01/21/22 03:18 PM
Isopropylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	01/21/22 03:18 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	01/21/22 03:18 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	01/21/22 03:18 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	01/21/22 03:18 PM
Naphthalene	<0.00500	0.00500	0.0150		mg/L	1	01/21/22 03:18 PM
n-Butylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
n-Propylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
p-Isopropyltoluene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
sec-Butylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
Styrene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
tert-Butylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	01/21/22 03:18 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	01/21/22 03:18 PM
trans-1,2-Dichloroethene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
trans-1,3-Dichloropropene	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
Trichloroethene	<0.000600	0.000600	0.00100		mg/L	1	01/21/22 03:18 PM
Trichlorofluoromethane	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
Vinyl chloride	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
Total Xylenes	<0.000300	0.000300	0.00100		mg/L	1	01/21/22 03:18 PM
Surr: 1,2-Dichloroethane-d4	92.1	0	72-119		%REC	1	01/21/22 03:18 PM
Surr: 4-Bromofluorobenzene	92.1	0	76-119		%REC	1	01/21/22 03:18 PM
Surr: Dibromofluoromethane	99.2	0	85-115		%REC	1	01/21/22 03:18 PM
Surr: Toluene-d8	83.5	0	81-120		%REC	1	01/21/22 03:18 PM

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E - TPH pattern not Gas or Diesel Range Pattern

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_211109A

Sample ID: **DCS-102763** Batch ID: **102763** TestNo: **TX1005** Units: **mg/Kg**
SampType: **DCS** Run ID: **GC12_211109A** Analysis Date: **11/9/2021 9:18:01 AM** Prep Date: **11/8/2021**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	10.6	20.0	10.00	0	106	50	200	0	0	
Surr: Isopropylbenzene	24.9		25.00		99.7	70	130	0	0	
Surr: Octacosane	27.6		25.00		110	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.

Work Order: 2201148

ANALYTICAL QC SUMMARY REPORT

Project: Dallas Brownfield-Fair Park Phase II ESA (Soil) **RunID: GC12_220124A**

The QC data in batch 103626 applies to the following samples: 2201148-02B, 2201148-03B, 2201148-04B, 2201148-05B, 2201148-06B, 2201148-07B, 2201148-08B, 2201148-09B, 2201148-10B, 2201148-11B, 2201148-12B, 2201148-13B, 2201148-15B, 2201148-16B

Sample ID: **MB-103626** Batch ID: **103626** TestNo: **TX1005** Units: **mg/Kg**
SampType: **MBLK** Run ID: **GC12_220124A** Analysis Date: **1/24/2022 10:36:41 AM** Prep Date: **1/21/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C12	<7.00	20.0								
T/R Hydrocarbons: >C12-C28	<7.00	20.0								
T/R Hydrocarbons: >C28-C35	<7.00	20.0								
T/R Hydrocarbons: C6-C35	<7.00	20.0								
Surr: Isopropylbenzene	20.2		25.00		80.7	70	130			
Surr: Octacosane	24.7		25.00		98.6	70	130			

Sample ID: **LCS-103626** Batch ID: **103626** TestNo: **TX1005** Units: **mg/Kg**
SampType: **LCS** Run ID: **GC12_220124A** Analysis Date: **1/24/2022 10:45:44 AM** Prep Date: **1/21/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	204	20.0	250.0	0	81.6	75	125			
Surr: Isopropylbenzene	22.1		25.00		88.5	70	130			
Surr: Octacosane	24.8		25.00		99.2	70	130			

Sample ID: **LCSD-103626** Batch ID: **103626** TestNo: **TX1005** Units: **mg/Kg**
SampType: **LCSD** Run ID: **GC12_220124A** Analysis Date: **1/24/2022 10:54:46 AM** Prep Date: **1/21/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	200	20.0	250.0	0	79.9	75	125	2.13	20	
Surr: Isopropylbenzene	22.4		25.00		89.6	70	130	0	0	
Surr: Octacosane	24.8		25.00		99.4	70	130	0	0	

Sample ID: **2201148-08BMS** Batch ID: **103626** TestNo: **TX1005** Units: **mg/Kg-dry**
SampType: **MS** Run ID: **GC12_220124A** Analysis Date: **1/24/2022 1:48:53 PM** Prep Date: **1/21/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	420	40.3	504.2	0	83.4	75	125			
Surr: Isopropylbenzene	44.9		50.42		89.1	70	130			
Surr: Octacosane	49.8		50.42		98.8	70	130			

Sample ID: **2201148-08BMSD** Batch ID: **103626** TestNo: **TX1005** Units: **mg/Kg-dry**
SampType: **MSD** Run ID: **GC12_220124A** Analysis Date: **1/24/2022 1:57:55 PM** Prep Date: **1/21/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	413	40.3	504.2	0	81.9	75	125	1.72	20	
Surr: Isopropylbenzene	47.1		50.42		93.5	70	130	0	0	
Surr: Octacosane	49.8		50.42		98.7	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_220124A

Sample ID: **ICV-220124**	Batch ID: **R118973**	TestNo: **TX1005**	Units: **mg/Kg**
SampType: **ICV**	Run ID: **GC12_220124A**	Analysis Date: **1/24/2022 10:27:36 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	948	20.0	1000	0	94.8	75	125			
Surr: Isopropylbenzene	51.2		50.00		102	70	130			
Surr: Octacosane	49.6		50.00		99.3	70	130			

Sample ID: **CCV1-220124**	Batch ID: **R118973**	TestNo: **TX1005**	Units: **mg/Kg**
SampType: **CCV**	Run ID: **GC12_220124A**	Analysis Date: **1/24/2022 2:06:57 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	469	20.0	500.0	0	93.8	75	125			
Surr: Isopropylbenzene	27.4		25.00		109	70	130			
Surr: Octacosane	25.7		25.00		103	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GC15_211214A

Sample ID: **DCS-103182**	Batch ID: **103182**	TestNo: **TX1005**		Units: **mg/L**	
SampType: **DCS**	Run ID: **GC15_211214A**	Analysis Date: **12/14/2021 11:23:35 A**		Prep Date: **12/13/2021**	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	0.849	2.00	1.000	0	84.9	50	200	0	0	
Surr: Isopropylbenzene	2.21		2.500		88.3	70	130	0	0	
Surr: Octacosane	2.41		2.500		96.5	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GC15_220121A

The QC data in batch 103604 applies to the following samples: 2201148-01B

Sample ID: **MB-103604** Batch ID: **103604** TestNo: **TX1005** Units: **mg/L**
SampType: **MBLK** Run ID: **GC15_220121A** Analysis Date: **1/21/2022 10:51:04 AM** Prep Date: **1/20/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C12	<0.700	2.00								
T/R Hydrocarbons: >C12-C28	<0.700	2.00								
T/R Hydrocarbons: >C28-C35	<0.700	2.00								
T/R Hydrocarbons: C6-C35	<0.700	2.00								
Surr: Isopropylbenzene	2.12		2.500		84.7	70	130			
Surr: Octacosane	2.39		2.500		95.7	70	130			

Sample ID: **LCS-103604** Batch ID: **103604** TestNo: **TX1005** Units: **mg/L**
SampType: **LCS** Run ID: **GC15_220121A** Analysis Date: **1/21/2022 11:00:07 AM** Prep Date: **1/20/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	23.1	2.00	25.00	0	92.3	75	125			
Surr: Isopropylbenzene	2.11		2.500		84.4	70	130			
Surr: Octacosane	2.19		2.500		87.7	70	130			

Sample ID: **LCSD-103604** Batch ID: **103604** TestNo: **TX1005** Units: **mg/L**
SampType: **LCSD** Run ID: **GC15_220121A** Analysis Date: **1/21/2022 11:09:09 AM** Prep Date: **1/20/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	24.0	2.00	25.00	0	96.2	75	125	4.15	20	
Surr: Isopropylbenzene	2.16		2.500		86.3	70	130	0	0	
Surr: Octacosane	2.23		2.500		89.4	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GC15_220121A

Sample ID: **ICV-220121**	Batch ID: **R118978**	TestNo: **TX1005**	Units: **mg/L**
SampType: **ICV**	Run ID: **GC15_220121A**	Analysis Date: **1/21/2022 10:23:47 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	1050	2.00	1000	0	105	75	125			
Surr: Isopropylbenzene	48.5		50.00		97.0	70	130			
Surr: Octacosane	47.2		50.00		94.5	70	130			

Sample ID: **CCV1-220121**	Batch ID: **R118978**	TestNo: **TX1005**	Units: **mg/L**
SampType: **CCV**	Run ID: **GC15_220121A**	Analysis Date: **1/21/2022 1:41:09 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	544	2.00	500.0	0	109	75	125			
Surr: Isopropylbenzene	25.7		25.00		103	70	130			
Surr: Octacosane	24.7		25.00		98.9	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: **ICP-MS5_211026A**

Sample ID: **DCS1-102518**	Batch ID: **102518**	TestNo: **SW6020B**	Units: **mg/Kg**		
SampType: **DCS**	Run ID: **ICP-MS5_211026A**	Analysis Date: **10/26/2021 10:53:00 A**	Prep Date: **10/25/2021**		

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.296	0.300	0.2500	0	118	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: **ICP-MS5_211101A**

Sample ID: **DCS1-102615** Batch ID: **102615** TestNo: **SW6020B** Units: **mg/L**
SampType: **DCS** Run ID: **ICP-MS5_211101A** Analysis Date: **11/1/2021 10:40:00 AM** Prep Date: **10/29/2021**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.000570	0.00100	0.000500	0	114	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS5_220125A

The QC data in batch 103639 applies to the following samples: 2201148-02C, 2201148-03C, 2201148-04C, 2201148-05C, 2201148-06C, 2201148-07C, 2201148-08C, 2201148-09C, 2201148-10C, 2201148-11C, 2201148-12C, 2201148-13C, 2201148-15C, 2201148-16C

Sample ID: **MB-103639**	Batch ID: **103639**	TestNo: **SW6020B**	Units: **mg/Kg**
SampType: **MBLK**	Run ID: **ICP-MS5_220125A**	Analysis Date: **1/25/2022 11:13:00 AM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	<0.100	0.300								

Sample ID: **LCS-103639**	Batch ID: **103639**	TestNo: **SW6020B**	Units: **mg/Kg**
SampType: **LCS**	Run ID: **ICP-MS5_220125A**	Analysis Date: **1/25/2022 11:16:00 AM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	50.2	0.300	50.00	0	100	80	120			

Sample ID: **LCSD-103639**	Batch ID: **103639**	TestNo: **SW6020B**	Units: **mg/Kg**
SampType: **LCSD**	Run ID: **ICP-MS5_220125A**	Analysis Date: **1/25/2022 11:19:00 AM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	49.9	0.300	50.00	0	99.9	80	120	0.565	25	

Sample ID: **2201148-08C SD**	Batch ID: **103639**	TestNo: **SW6020B**	Units: **mg/Kg-dry**
SampType: **SD**	Run ID: **ICP-MS5_220125A**	Analysis Date: **1/25/2022 11:27:00 AM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	6.61	1.54	0	7.049				6.44	20	

Sample ID: **2201148-08C PDS**	Batch ID: **103639**	TestNo: **SW6020B**	Units: **mg/Kg-dry**
SampType: **PDS**	Run ID: **ICP-MS5_220125A**	Analysis Date: **1/25/2022 11:53:00 AM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	59.0	0.308	51.28	7.049	101	75	125			

Sample ID: **2201148-08C MS**	Batch ID: **103639**	TestNo: **SW6020B**	Units: **mg/Kg-dry**
SampType: **MS**	Run ID: **ICP-MS5_220125A**	Analysis Date: **1/25/2022 11:56:00 AM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	58.2	0.302	50.32	7.049	102	75	125			

Sample ID: **2201148-08C MSD**	Batch ID: **103639**	TestNo: **SW6020B**	Units: **mg/Kg-dry**
SampType: **MSD**	Run ID: **ICP-MS5_220125A**	Analysis Date: **1/25/2022 11:59:00 AM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	60.4	0.305	50.80	7.049	105	75	125	3.81	25	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS5_220125A

Sample ID: **ICV-220125**	Batch ID: **R118995**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **ICV**	Run ID: **ICP-MS5_220125A**	Analysis Date: **1/25/2022 10:51:00 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.103	0.00100	0.100	0	103	90	110			

Sample ID: **LCVL-220125**	Batch ID: **R118995**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **LCVL**	Run ID: **ICP-MS5_220125A**	Analysis Date: **1/25/2022 11:06:00 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.00103	0.00100	0.00100	0	103	80	120			

Sample ID: **CCV1-220125**	Batch ID: **R118995**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **CCV**	Run ID: **ICP-MS5_220125A**	Analysis Date: **1/25/2022 12:03:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.207	0.00100	0.200	0	104	90	110			

Sample ID: **CCV2-220125**	Batch ID: **R118995**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **CCV**	Run ID: **ICP-MS5_220125A**	Analysis Date: **1/25/2022 12:43:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.201	0.00100	0.200	0	100	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: **ICP-MS5_220125B**

The QC data in batch 103636 applies to the following samples: 2201148-01C

Sample ID: **MB-103636**	Batch ID: **103636**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **MBLK**	Run ID: **ICP-MS5_220125B**	Analysis Date: **1/25/2022 12:54:00 PM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	<0.000300	0.00100								

Sample ID: **LCS-103636**	Batch ID: **103636**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **LCS**	Run ID: **ICP-MS5_220125B**	Analysis Date: **1/25/2022 12:57:00 PM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.206	0.00100	0.200	0	103	80	120			

Sample ID: **LCSD-103636**	Batch ID: **103636**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **LCSD**	Run ID: **ICP-MS5_220125B**	Analysis Date: **1/25/2022 1:01:00 PM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.205	0.00100	0.200	0	102	80	120	0.731	15	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS5_220125B

Sample ID: **ICV-220125**	Batch ID: **R119000**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **ICV**	Run ID: **ICP-MS5_220125B**	Analysis Date: **1/25/2022 10:51:00 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.103	0.00100	0.100	0	103	90	110			

Sample ID: **LCVL-220125**	Batch ID: **R119000**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **LCVL**	Run ID: **ICP-MS5_220125B**	Analysis Date: **1/25/2022 11:06:00 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.00103	0.00100	0.00100	0	103	80	120			

Sample ID: **CCV2-220125**	Batch ID: **R119000**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **CCV**	Run ID: **ICP-MS5_220125B**	Analysis Date: **1/25/2022 12:43:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.201	0.00100	0.200	0	100	90	110			

Sample ID: **CCV3-220125**	Batch ID: **R119000**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **CCV**	Run ID: **ICP-MS5_220125B**	Analysis Date: **1/25/2022 1:44:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.200	0.00100	0.200	0	100	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_220118B

Sample ID: **DCS-103539**	Batch ID: **103539**	TestNo: **SW8270E-LL**	Units: **mg/L**
SampType: **DCS**	Run ID: **GCMS6_220118B**	Analysis Date: **1/18/2022 12:19:00 PM**	Prep Date: **1/17/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Acenaphthene	0.0000376	0.0000500	0.0000400	0	94.0	20	200	0	0	
Acenaphthylene	0.0000403	0.0000500	0.0000400	0	101	20	200	0	0	
Anthracene	0.0000429	0.0000500	0.0000400	0	107	20	200	0	0	
Benzo[a]anthracene	0.0000445	0.0000500	0.0000400	0	111	20	200	0	0	
Benzo[a]pyrene	0.0000493	0.0000500	0.0000400	0	123	20	200	0	0	
Benzo[b]fluoranthene	0.0000510	0.0000500	0.0000400	0	128	20	200	0	0	
Benzo[g,h,i]perylene	0.0000480	0.0000500	0.0000400	0	120	20	200	0	0	
Benzo[k]fluoranthene	0.0000502	0.0000500	0.0000400	0	125	20	200	0	0	
Chrysene	0.0000369	0.0000500	0.0000400	0	92.2	20	200	0	0	
Dibenz[a,h]anthracene	0.0000498	0.0000500	0.0000400	0	125	20	200	0	0	
Fluoranthene	0.0000399	0.0000500	0.0000400	0	99.8	20	200	0	0	
Fluorene	0.0000403	0.0000500	0.0000400	0	101	20	200	0	0	
Indeno[1,2,3-cd]pyrene	0.0000525	0.0000500	0.0000400	0	131	20	200	0	0	
Naphthalene	0.0000391	0.0000500	0.0000400	0	97.9	20	200	0	0	
Phenanthrene	0.0000404	0.0000500	0.0000400	0	101	20	200	0	0	
Pyrene	0.0000367	0.0000500	0.0000400	0	91.7	20	200	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_220121B

The QC data in batch 103597 applies to the following samples: 2201148-01D

Sample ID: **LCS-103597** Batch ID: **103597** TestNo: **SW8270E-LL** Units: **mg/L**
SampType: **LCS** Run ID: **GCMS6_220121B** Analysis Date: **1/21/2022 2:26:00 PM** Prep Date: **1/20/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Acenaphthene	0.00333	0.0000500	0.00400	0	83.2	47	120			
Acenaphthylene	0.00355	0.0000500	0.00400	0	88.7	50	120			
Anthracene	0.00322	0.0000500	0.00400	0	80.6	54	120			
Benzo[a]anthracene	0.00437	0.0000500	0.00400	0	109	56	100			S
Benzo[a]pyrene	0.00375	0.0000500	0.00400	0	93.7	53	120			
Benzo[b]fluoranthene	0.00394	0.0000500	0.00400	0	98.4	45	124			
Benzo[g,h,i]perylene	0.00376	0.0000500	0.00400	0	94.1	38	123			
Benzo[k]fluoranthene	0.00340	0.0000500	0.00400	0	85.1	45	124			
Chrysene	0.00323	0.0000500	0.00400	0	80.9	55	120			
Dibenz[a,h]anthracene	0.00382	0.0000500	0.00400	0	95.4	42	127			
Fluoranthene	0.00360	0.0000500	0.00400	0	90.0	54	120			
Fluorene	0.00336	0.0000500	0.00400	0	83.9	50	120			
Indeno[1,2,3-cd]pyrene	0.00411	0.0000500	0.00400	0	103	43	125			
Naphthalene	0.00300	0.0000500	0.00400	0	75.0	39	120			
Phenanthrene	0.00356	0.0000500	0.00400	0	88.9	51	120			
Pyrene	0.00358	0.0000500	0.00400	0	89.4	49	128			
Surr: 2-Fluorobiphenyl	5.64		8.000		70.4	48	120			
Surr: 4-Terphenyl-d14	6.26		8.000		78.2	51	135			

Sample ID: **MB-103597** Batch ID: **103597** TestNo: **SW8270E-LL** Units: **mg/L**
SampType: **MBLK** Run ID: **GCMS6_220121B** Analysis Date: **1/21/2022 3:54:00 PM** Prep Date: **1/20/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Acenaphthene	<0.0000250	0.0000500								
Acenaphthylene	<0.0000250	0.0000500								
Anthracene	<0.0000250	0.0000500								
Benzo[a]anthracene	<0.0000250	0.0000500								
Benzo[a]pyrene	<0.0000250	0.0000500								
Benzo[b]fluoranthene	<0.0000250	0.0000500								
Benzo[g,h,i]perylene	<0.0000250	0.0000500								
Benzo[k]fluoranthene	<0.0000250	0.0000500								
Chrysene	<0.0000250	0.0000500								
Dibenz[a,h]anthracene	<0.0000250	0.0000500								
Fluoranthene	<0.0000250	0.0000500								
Fluorene	<0.0000250	0.0000500								
Indeno[1,2,3-cd]pyrene	<0.0000250	0.0000500								
Naphthalene	<0.0000250	0.0000500								
Phenanthrene	<0.0000250	0.0000500								
Pyrene	<0.0000250	0.0000500								
Surr: 2-Fluorobiphenyl	5.24		8.000		65.5	48	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_220121B

Sample ID: **MB-103597**	Batch ID: **103597**	TestNo: **SW8270E-LL**	Units: **mg/L**
SampType: **MBLK**	Run ID: **GCMS6_220121B**	Analysis Date: **1/21/2022 3:54:00 PM**	Prep Date: **1/20/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Terphenyl-d14	6.13		8.000		76.6	51	135			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_220121B

Sample ID: **ICV-220121** Batch ID: **R118956** TestNo: **SW8270E-LL** Units: **mg/L**
SampType: **ICV** Run ID: **GCMS6_220121B** Analysis Date: **1/21/2022 1:58:00 PM** Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Acenaphthene	2.09	0.0000500	2.00	0	104	70	130			
Acenaphthylene	2.16	0.0000500	2.00	0	108	70	130			
Anthracene	1.85	0.0000500	2.00	0	92.6	70	130			
Benzo[a]anthracene	2.22	0.0000500	2.00	0	111	70	130			
Benzo[a]pyrene	2.04	0.0000500	2.00	0	102	70	130			
Benzo[b]fluoranthene	2.14	0.0000500	2.00	0	107	70	130			
Benzo[g,h,i]perylene	2.02	0.0000500	2.00	0	101	70	130			
Benzo[k]fluoranthene	1.90	0.0000500	2.00	0	95.2	70	130			
Chrysene	1.42	0.0000500	2.00	0	71.1	70	130			
Dibenz[a,h]anthracene	1.85	0.0000500	2.00	0	92.5	70	130			
Fluoranthene	2.06	0.0000500	2.00	0	103	70	130			
Fluorene	2.01	0.0000500	2.00	0	101	70	130			
Indeno[1,2,3-cd]pyrene	2.21	0.0000500	2.00	0	110	70	130			
Naphthalene	2.03	0.0000500	2.00	0	102	70	130			
Phenanthrene	2.10	0.0000500	2.00	0	105	70	130			
Pyrene	2.06	0.0000500	2.00	0	103	70	130			
Surr: 2-Fluorobiphenyl	1960		2000		97.8	65	120			
Surr: 4-Terphenyl-d14	1980		2000		98.8	51	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_220113A

Sample ID: **DCS-103553**	Batch ID: **103553**	TestNo: **SW8260D**	Units: **mg/Kg**
SampType: **DCS**	Run ID: **GCMS1_220113A**	Analysis Date: **1/13/2022 11:44:00 AM**	Prep Date: **1/13/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	0.00194	0.00500	0.00232	0	83.8	10	400	0	0	
1,1,1-Trichloroethane	0.00222	0.00500	0.00232	0	95.6	10	400	0	0	
1,1,2,2-Tetrachloroethane	0.00217	0.00500	0.00232	0	93.5	10	400	0	0	
1,1,2-Trichloroethane	0.00215	0.00500	0.00232	0	92.7	10	400	0	0	
1,1,2-Trichlorotrifluoroethane	0.00227	0.0150	0.00232	0	97.8	10	400	0	0	
1,1-Dichloroethane	0.00226	0.00500	0.00232	0	97.2	10	400	0	0	
1,1-Dichloroethene	0.00233	0.00500	0.00232	0	100	10	400	0	0	
1,1-Dichloropropene	0.00222	0.00500	0.00232	0	95.6	10	400	0	0	
1,2,3-Trichlorobenzene	0.00202	0.00500	0.00232	0	86.9	10	400	0	0	
1,2,3-Trichloropropane	0.00192	0.00500	0.00232	0	83.0	10	400	0	0	
1,2,4-Trichlorobenzene	0.00212	0.00500	0.00232	0	91.3	10	400	0	0	
1,2,4-Trimethylbenzene	0.00204	0.00500	0.00232	0	87.7	10	400	0	0	
1,2-Dibromo-3-chloropropane	0.00192	0.00500	0.00232	0	82.6	10	400	0	0	
1,2-Dibromoethane	0.00210	0.00500	0.00232	0	90.6	10	400	0	0	
1,2-Dichlorobenzene	0.00220	0.00500	0.00232	0	94.9	10	400	0	0	
1,2-Dichloroethane	0.00234	0.00500	0.00232	0	101	10	400	0	0	
1,2-Dichloropropane	0.00218	0.00500	0.00232	0	93.8	10	400	0	0	
1,3,5-Trimethylbenzene	0.00205	0.00500	0.00232	0	88.3	10	400	0	0	
1,3-Dichlorobenzene	0.00212	0.00500	0.00232	0	91.3	10	400	0	0	
1,3-Dichloropropane	0.00224	0.00500	0.00232	0	96.4	10	400	0	0	
1,4-Dichlorobenzene	0.00225	0.00500	0.00232	0	96.8	10	400	0	0	
1-Chlorohexane	0.00324	0.00500	0.00232	0	139	10	400	0	0	
2,2-Dichloropropane	0.00232	0.00500	0.00232	0	100	10	400	0	0	
2-Butanone	0.0113	0.0150	0.0116	0	97.1	10	400	0	0	
2-Chlorotoluene	0.00219	0.00500	0.00232	0	94.3	10	400	0	0	
2-Hexanone	0.0108	0.0150	0.0116	0	92.8	10	400	0	0	
4-Chlorotoluene	0.00213	0.00500	0.00232	0	91.7	10	400	0	0	
4-Methyl-2-pentanone	0.0110	0.0150	0.0116	0	95.0	10	400	0	0	
Acetone	0.0125	0.0500	0.0116	0	107	10	400	0	0	
Benzene	0.00220	0.00500	0.00232	0	94.7	10	400	0	0	
Bromobenzene	0.00216	0.00500	0.00232	0	93.1	10	400	0	0	
Bromochloromethane	0.00210	0.00500	0.00232	0	90.4	10	400	0	0	
Bromodichloromethane	0.00206	0.00500	0.00232	0	88.7	10	400	0	0	
Bromoform	0.00286	0.00500	0.00232	0	123	10	400	0	0	
Bromomethane	0.00272	0.00500	0.00232	0	117	10	400	0	0	
Carbon disulfide	0.00232	0.0150	0.00232	0	100	10	400	0	0	
Carbon tetrachloride	0.00216	0.00500	0.00232	0	93.2	10	400	0	0	
Chlorobenzene	0.00222	0.00500	0.00232	0	95.9	10	400	0	0	
Chloroethane	0.00237	0.00500	0.00232	0	102	10	400	0	0	
Chloroform	0.00215	0.00500	0.00232	0	92.8	10	400	0	0	
Chloromethane	0.00236	0.00500	0.00232	0	102	10	400	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

Sample ID: **DCS-103553** Batch ID: **103553** TestNo: **SW8260D** Units: **mg/Kg**
SampType: **DCS** Run ID: **GCMS1_220113A** Analysis Date: **1/13/2022 11:44:00 AM** Prep Date: **1/13/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	0.00217	0.00500	0.00232	0	93.5	10	400	0	0	
cis-1,3-Dichloropropene	0.00200	0.00500	0.00232	0	86.3	10	400	0	0	
Cyclohexane	0.00224	0.0150	0.00232	0	96.4	10	400	0	0	N
Dibromochloromethane	0.00193	0.00500	0.00232	0	83.0	10	400	0	0	
Dibromomethane	0.00211	0.00500	0.00232	0	91.0	10	400	0	0	
Dichlorodifluoromethane	0.00238	0.00500	0.00232	0	103	10	400	0	0	
Ethylbenzene	0.00216	0.00500	0.00232	0	92.9	10	400	0	0	
Hexachlorobutadiene	0.00194	0.00500	0.00232	0	83.5	10	400	0	0	
Isopropylbenzene	0.00227	0.00500	0.00232	0	98.0	10	400	0	0	
m,p-Xylene	0.00416	0.00500	0.00464	0	89.6	10	400	0	0	
Methyl Acetate	0.00247	0.0150	0.00232	0	106	10	400	0	0	
Methyl tert-butyl ether	0.00219	0.00500	0.00232	0	94.5	10	400	0	0	
Methylcyclohexane	0.00232	0.0150	0.00232	0	99.8	10	400	0	0	
Methylene chloride	0.00259	0.00500	0.00232	0	112	10	400	0	0	
Naphthalene	0.00198	0.0150	0.00232	0	85.5	10	400	0	0	
n-Butylbenzene	0.00200	0.00500	0.00232	0	86.3	10	400	0	0	
n-Propylbenzene	0.00212	0.00500	0.00232	0	91.2	10	400	0	0	
o-Xylene	0.00202	0.00500	0.00232	0	86.9	10	400	0	0	
p-Isopropyltoluene	0.00192	0.00500	0.00232	0	82.8	10	400	0	0	
sec-Butylbenzene	0.00203	0.00500	0.00232	0	87.6	10	400	0	0	
Styrene	0.00191	0.00500	0.00232	0	82.2	10	400	0	0	
tert-Butylbenzene	0.00206	0.00500	0.00232	0	89.0	10	400	0	0	
Tetrachloroethene	0.00215	0.00500	0.00232	0	92.5	10	400	0	0	
Toluene	0.00222	0.00500	0.00232	0	95.7	10	400	0	0	
trans-1,2-Dichloroethene	0.00223	0.00500	0.00232	0	95.9	10	400	0	0	
trans-1,3-Dichloropropene	0.00192	0.00500	0.00232	0	82.7	10	400	0	0	
Trichloroethene	0.00213	0.00500	0.00232	0	92.0	10	400	0	0	
Trichlorofluoromethane	0.00233	0.0150	0.00232	0	101	10	400	0	0	
Vinyl chloride	0.00240	0.00500	0.00232	0	103	10	400	0	0	
Total Xylenes	0.00617	0.00500	0.00696	0	88.7	10	400	0	0	

Sample ID: **DCS2-103553** Batch ID: **103553** TestNo: **SW8260D** Units: **mg/Kg**
SampType: **DCS2** Run ID: **GCMS1_220113A** Analysis Date: **1/13/2022 12:12:00 PM** Prep Date: **1/13/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	0.00424	0.00500	0.00464	0	91.3	10	400	0	0	
1,1,1-Trichloroethane	0.00455	0.00500	0.00464	0	98.0	10	400	0	0	
1,1,2,2-Tetrachloroethane	0.00430	0.00500	0.00464	0	92.6	10	400	0	0	
1,1,2-Trichloroethane	0.00429	0.00500	0.00464	0	92.4	10	400	0	0	
1,1,2-Trichlorotrifluoroethane	0.00462	0.0150	0.00464	0	99.6	10	400	0	0	
1,1-Dichloroethane	0.00451	0.00500	0.00464	0	97.2	10	400	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_220113A

Sample ID: **DCS2-103553** Batch ID: **103553** TestNo: **SW8260D** Units: **mg/Kg**
SampType: **DCS2** Run ID: **GCMS1_220113A** Analysis Date: **1/13/2022 12:12:00 PM** Prep Date: **1/13/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.00461	0.00500	0.00464	0	99.3	10	400	0	0	
1,1-Dichloropropene	0.00453	0.00500	0.00464	0	97.7	10	400	0	0	
1,2,3-Trichlorobenzene	0.00427	0.00500	0.00464	0	92.1	10	400	0	0	
1,2,3-Trichloropropane	0.00418	0.00500	0.00464	0	90.0	10	400	0	0	
1,2,4-Trichlorobenzene	0.00418	0.00500	0.00464	0	90.0	10	400	0	0	
1,2,4-Trimethylbenzene	0.00426	0.00500	0.00464	0	91.7	10	400	0	0	
1,2-Dibromo-3-chloropropane	0.00409	0.00500	0.00464	0	88.1	10	400	0	0	
1,2-Dibromoethane	0.00424	0.00500	0.00464	0	91.3	10	400	0	0	
1,2-Dichlorobenzene	0.00443	0.00500	0.00464	0	95.5	10	400	0	0	
1,2-Dichloroethane	0.00453	0.00500	0.00464	0	97.7	10	400	0	0	
1,2-Dichloropropane	0.00446	0.00500	0.00464	0	96.0	10	400	0	0	
1,3,5-Trimethylbenzene	0.00426	0.00500	0.00464	0	91.7	10	400	0	0	
1,3-Dichlorobenzene	0.00447	0.00500	0.00464	0	96.4	10	400	0	0	
1,3-Dichloropropane	0.00447	0.00500	0.00464	0	96.4	10	400	0	0	
1,4-Dichlorobenzene	0.00450	0.00500	0.00464	0	97.0	10	400	0	0	
1-Chlorohexane	0.00537	0.00500	0.00464	0	116	10	400	0	0	
2,2-Dichloropropane	0.00465	0.00500	0.00464	0	100	10	400	0	0	
2-Butanone	0.0210	0.0150	0.0232	0	90.5	10	400	0	0	
2-Chlorotoluene	0.00444	0.00500	0.00464	0	95.6	10	400	0	0	
2-Hexanone	0.0206	0.0150	0.0232	0	89.0	10	400	0	0	
4-Chlorotoluene	0.00447	0.00500	0.00464	0	96.4	10	400	0	0	
4-Methyl-2-pentanone	0.0216	0.0150	0.0232	0	92.9	10	400	0	0	
Acetone	0.0215	0.0500	0.0232	0	92.8	10	400	0	0	
Benzene	0.00440	0.00500	0.00464	0	94.9	10	400	0	0	
Bromobenzene	0.00448	0.00500	0.00464	0	96.5	10	400	0	0	
Bromochloromethane	0.00433	0.00500	0.00464	0	93.3	10	400	0	0	
Bromodichloromethane	0.00430	0.00500	0.00464	0	92.6	10	400	0	0	
Bromoform	0.00459	0.00500	0.00464	0	98.8	10	400	0	0	
Bromomethane	0.00474	0.00500	0.00464	0	102	10	400	0	0	
Carbon disulfide	0.00464	0.0150	0.00464	0	100	10	400	0	0	
Carbon tetrachloride	0.00438	0.00500	0.00464	0	94.3	10	400	0	0	
Chlorobenzene	0.00452	0.00500	0.00464	0	97.4	10	400	0	0	
Chloroethane	0.00466	0.00500	0.00464	0	100	10	400	0	0	
Chloroform	0.00447	0.00500	0.00464	0	96.4	10	400	0	0	
Chloromethane	0.00476	0.00500	0.00464	0	103	10	400	0	0	
cis-1,2-Dichloroethene	0.00444	0.00500	0.00464	0	95.6	10	400	0	0	
cis-1,3-Dichloropropene	0.00419	0.00500	0.00464	0	90.2	10	400	0	0	
Cyclohexane	0.00450	0.0150	0.00464	0	97.0	10	400	0	0	N
Dibromochloromethane	0.00397	0.00500	0.00464	0	85.5	10	400	0	0	
Dibromomethane	0.00437	0.00500	0.00464	0	94.3	10	400	0	0	
Dichlorodifluoromethane	0.00467	0.00500	0.00464	0	101	10	400	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_220113A

Sample ID: **DCS2-103553** Batch ID: **103553** TestNo: **SW8260D** Units: **mg/Kg**
SampType: **DCS2** Run ID: **GCMS1_220113A** Analysis Date: **1/13/2022 12:12:00 PM** Prep Date: **1/13/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Ethylbenzene	0.00438	0.00500	0.00464	0	94.3	10	400	0	0	
Hexachlorobutadiene	0.00386	0.00500	0.00464	0	83.1	10	400	0	0	
Isopropylbenzene	0.00430	0.00500	0.00464	0	92.7	10	400	0	0	
m,p-Xylene	0.00859	0.00500	0.00928	0	92.5	10	400	0	0	
Methyl Acetate	0.00455	0.0150	0.00464	0	98.1	10	400	0	0	
Methyl tert-butyl ether	0.00432	0.00500	0.00464	0	93.2	10	400	0	0	
Methylcyclohexane	0.00453	0.0150	0.00464	0	97.7	10	400	0	0	
Methylene chloride	0.00422	0.00500	0.00464	0	91.0	10	400	0	0	
Naphthalene	0.00393	0.0150	0.00464	0	84.6	10	400	0	0	
n-Butylbenzene	0.00424	0.00500	0.00464	0	91.3	10	400	0	0	
n-Propylbenzene	0.00443	0.00500	0.00464	0	95.4	10	400	0	0	
o-Xylene	0.00418	0.00500	0.00464	0	90.0	10	400	0	0	
p-Isopropyltoluene	0.00413	0.00500	0.00464	0	89.0	10	400	0	0	
sec-Butylbenzene	0.00418	0.00500	0.00464	0	90.1	10	400	0	0	
Styrene	0.00403	0.00500	0.00464	0	86.7	10	400	0	0	
tert-Butylbenzene	0.00426	0.00500	0.00464	0	91.9	10	400	0	0	
Tetrachloroethene	0.00438	0.00500	0.00464	0	94.4	10	400	0	0	
Toluene	0.00441	0.00500	0.00464	0	95.0	10	400	0	0	
trans-1,2-Dichloroethene	0.00440	0.00500	0.00464	0	94.9	10	400	0	0	
trans-1,3-Dichloropropene	0.00408	0.00500	0.00464	0	87.9	10	400	0	0	
Trichloroethene	0.00435	0.00500	0.00464	0	93.7	10	400	0	0	
Trichlorofluoromethane	0.00482	0.0150	0.00464	0	104	10	400	0	0	
Vinyl chloride	0.00473	0.00500	0.00464	0	102	10	400	0	0	
Total Xylenes	0.0128	0.00500	0.0139	0	91.7	10	400	0	0	
Surr: 1,2-Dichloroethane-d4	49.2		50.00		98.5	52	149	0	0	
Surr: 4-Bromofluorobenzene	51.6		50.00		103	84	118	0	0	
Surr: Dibromofluoromethane	49.2		50.00		98.4	65	135	0	0	
Surr: Toluene-d8	51.8		50.00		104	84	116	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.

Work Order: 2201148

ANALYTICAL QC SUMMARY REPORT

Project: Dallas Brownfield-Fair Park Phase II ESA (Soil) **RunID: GCMS1_220124A**

The QC data in batch 103625 applies to the following samples: 2201148-02A, 2201148-03A, 2201148-04A, 2201148-05A, 2201148-06A, 2201148-07A, 2201148-08A, 2201148-09A, 2201148-10A, 2201148-11A, 2201148-12A, 2201148-13A, 2201148-15A, 2201148-16A

Sample ID: **LCS-103625** Batch ID: **103625** TestNo: **SW8260D** Units: **mg/Kg**

SampType: **LCS** Run ID: **GCMS1_220124A** Analysis Date: **1/24/2022 3:07:00 PM** Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	0.0247	0.00500	0.0232	0	107	74	125			
1,1,1-Trichloroethane	0.0239	0.00500	0.0232	0	103	68	130			
1,1,2,2-Tetrachloroethane	0.0241	0.00500	0.0232	0	104	59	140			
1,1,2-Trichloroethane	0.0245	0.00500	0.0232	0	105	62	127			
1,1,2-Trichlorotrifluoroethane	0.0293	0.0150	0.0232	0	126	57	135			
1,1-Dichloroethane	0.0242	0.00500	0.0232	0	104	73	125			
1,1-Dichloroethene	0.0236	0.00500	0.0232	0	102	65	136			
1,1-Dichloropropene	0.0244	0.00500	0.0232	0	105	70	135			
1,2,3-Trichlorobenzene	0.0234	0.00500	0.0232	0	101	62	133			
1,2,3-Trichloropropane	0.0258	0.00500	0.0232	0	111	63	130			
1,2,4-Trichlorobenzene	0.0232	0.00500	0.0232	0	99.9	65	131			
1,2,4-Trimethylbenzene	0.0232	0.00500	0.0232	0	99.9	65	135			
1,2-Dibromo-3-chloropropane	0.0245	0.00500	0.0232	0	106	49	135			
1,2-Dibromoethane	0.0249	0.00500	0.0232	0	107	70	124			
1,2-Dichlorobenzene	0.0234	0.00500	0.0232	0	101	74	120			
1,2-Dichloroethane	0.0249	0.00500	0.0232	0	107	72	137			
1,2-Dichloropropane	0.0246	0.00500	0.0232	0	106	71	120			
1,3,5-Trimethylbenzene	0.0234	0.00500	0.0232	0	101	65	133			
1,3-Dichlorobenzene	0.0232	0.00500	0.0232	0	99.9	72	124			
1,3-Dichloropropane	0.0248	0.00500	0.0232	0	107	76	123			
1,4-Dichlorobenzene	0.0230	0.00500	0.0232	0	98.9	72	125			
1-Chlorohexane	0.0207	0.00500	0.0232	0	89.1	60	135			
2,2-Dichloropropane	0.0246	0.00500	0.0232	0	106	67	134			
2-Butanone	0.276	0.0150	0.232	0	119	60	135			
2-Chlorotoluene	0.0235	0.00500	0.0232	0	101	69	128			
2-Hexanone	0.285	0.0150	0.232	0	123	50	150			
4-Chlorotoluene	0.0236	0.00500	0.0232	0	102	73	126			
4-Methyl-2-pentanone	0.284	0.0150	0.232	0	122	60	135			
Acetone	0.271	0.0500	0.232	0	117	40	141			
Benzene	0.0236	0.00500	0.0232	0	102	73	126			
Bromobenzene	0.0230	0.00500	0.0232	0	98.9	66	121			
Bromochloromethane	0.0241	0.00500	0.0232	0	104	71	127			
Bromodichloromethane	0.0247	0.00500	0.0232	0	107	72	128			
Bromoform	0.0228	0.00500	0.0232	0	98.5	66	137			
Bromomethane	0.0236	0.00500	0.0232	0	102	45	141			
Carbon disulfide	0.0204	0.0150	0.0232	0	88.1	50	150			
Carbon tetrachloride	0.0242	0.00500	0.0232	0	104	67	133			
Chlorobenzene	0.0238	0.00500	0.0232	0	103	75	123			
Chloroethane	0.0253	0.00500	0.0232	0	109	41	141			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_220124A

Sample ID: **LCS-103625**	Batch ID: **103625**	TestNo: **SW8260D**	Units: **mg/Kg**
SampType: **LCS**	Run ID: **GCMS1_220124A**	Analysis Date: **1/24/2022 3:07:00 PM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloroform	0.0247	0.00500	0.0232	0	107	72	124			
Chloromethane	0.0223	0.00500	0.0232	0	96.3	51	129			
cis-1,2-Dichloroethene	0.0238	0.00500	0.0232	0	103	67	125			
cis-1,3-Dichloropropene	0.0243	0.00500	0.0232	0	105	72	126			
Cyclohexane	0.0282	0.0150	0.0232	0	122	40	158			N
Dibromochloromethane	0.0251	0.00500	0.0232	0	108	66	130			
Dibromomethane	0.0249	0.00500	0.0232	0	107	73	128			
Dichlorodifluoromethane	0.0209	0.00500	0.0232	0	90.1	34	136			
Ethylbenzene	0.0240	0.00500	0.0232	0	103	74	127			
Hexachlorobutadiene	0.0230	0.00500	0.0232	0	99.0	53	142			
Isopropylbenzene	0.0237	0.00500	0.0232	0	102	77	129			
m,p-Xylene	0.0476	0.00500	0.0464	0	103	79	126			
Methyl Acetate	0.0296	0.0150	0.0232	0	128	50	150			
Methyl tert-butyl ether	0.0260	0.00500	0.0232	0	112	50	135			
Methylcyclohexane	0.0286	0.0150	0.0232	0	123	50	150			
Methylene chloride	0.0247	0.00500	0.0232	0	106	63	137			
Naphthalene	0.0239	0.0150	0.0232	0	103	51	135			
n-Butylbenzene	0.0238	0.00500	0.0232	0	103	65	138			
n-Propylbenzene	0.0234	0.00500	0.0232	0	101	63	135			
o-Xylene	0.0241	0.00500	0.0232	0	104	77	125			
p-Isopropyltoluene	0.0234	0.00500	0.0232	0	101	75	133			
sec-Butylbenzene	0.0237	0.00500	0.0232	0	102	63	132			
Styrene	0.0238	0.00500	0.0232	0	102	74	128			
tert-Butylbenzene	0.0237	0.00500	0.0232	0	102	65	132			
Tetrachloroethene	0.0241	0.00500	0.0232	0	104	67	139			
Toluene	0.0238	0.00500	0.0232	0	103	71	127			
trans-1,2-Dichloroethene	0.0234	0.00500	0.0232	0	101	66	134			
trans-1,3-Dichloropropene	0.0247	0.00500	0.0232	0	107	65	127			
Trichloroethene	0.0236	0.00500	0.0232	0	102	77	124			
Trichlorofluoromethane	0.0255	0.0150	0.0232	0	110	49	139			
Vinyl chloride	0.0243	0.00500	0.0232	0	105	58	126			
Xylenes, Total	0.0717	0.00500	0.0696	0	103	75	125			
Surr: 1,2-Dichloroethane-d4	53.9		50.00		108	52	149			
Surr: 4-Bromofluorobenzene	50.4		50.00		101	84	118			
Surr: Dibromofluoromethane	52.4		50.00		105	65	135			
Surr: Toluene-d8	49.7		50.00		99.4	84	116			

Sample ID: **MB-103625**	Batch ID: **103625**	TestNo: **SW8260D**	Units: **mg/Kg**
SampType: **MBLK**	Run ID: **GCMS1_220124A**	Analysis Date: **1/24/2022 4:04:00 PM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_220124A

Sample ID: **MB-103625**	Batch ID: **103625**	TestNo: **SW8260D**	Units: **mg/Kg**
SampType: **MBLK**	Run ID: **GCMS1_220124A**	Analysis Date: **1/24/2022 4:04:00 PM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	<0.00100	0.00500								
1,1,1-Trichloroethane	<0.00100	0.00500								
1,1,2,2-Tetrachloroethane	<0.00100	0.00500								
1,1,2-Trichloroethane	<0.00100	0.00500								
1,1,2-Trichlorotrifluoroethane	<0.00500	0.0150								
1,1-Dichloroethane	<0.00100	0.00500								
1,1-Dichloroethene	<0.00100	0.00500								
1,1-Dichloropropene	<0.00100	0.00500								
1,2,3-Trichlorobenzene	<0.00100	0.00500								
1,2,3-Trichloropropane	<0.00100	0.00500								
1,2,4-Trichlorobenzene	<0.00100	0.00500								
1,2,4-Trimethylbenzene	<0.00100	0.00500								
1,2-Dibromo-3-chloropropane	<0.00100	0.00500								
1,2-Dibromoethane	<0.00100	0.00500								
1,2-Dichlorobenzene	<0.00100	0.00500								
1,2-Dichloroethane	<0.00100	0.00500								
1,2-Dichloropropane	<0.00100	0.00500								
1,3,5-Trimethylbenzene	<0.00100	0.00500								
1,3-Dichlorobenzene	<0.00100	0.00500								
1,3-Dichloropropane	<0.00100	0.00500								
1,4-Dichlorobenzene	<0.00100	0.00500								
1-Chlorohexane	<0.00100	0.00500								
2,2-Dichloropropane	<0.00100	0.00500								
2-Butanone	<0.00500	0.0150								
2-Chlorotoluene	<0.00100	0.00500								
2-Hexanone	<0.00500	0.0150								
4-Chlorotoluene	<0.00100	0.00500								
4-Methyl-2-pentanone	<0.00500	0.0150								
Acetone	<0.0150	0.0500								
Benzene	<0.00100	0.00500								
Bromobenzene	<0.00100	0.00500								
Bromochloromethane	<0.00100	0.00500								
Bromodichloromethane	<0.00100	0.00500								
Bromoform	<0.00100	0.00500								
Bromomethane	<0.00100	0.00500								
Carbon disulfide	<0.00500	0.0150								
Carbon tetrachloride	<0.00100	0.00500								
Chlorobenzene	<0.00100	0.00500								
Chloroethane	<0.00100	0.00500								
Chloroform	<0.00100	0.00500								
Chloromethane	<0.00100	0.00500								

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_220124A

Sample ID: **MB-103625**	Batch ID: **103625**	TestNo: **SW8260D**	Units: **mg/Kg**
SampType: **MBLK**	Run ID: **GCMS1_220124A**	Analysis Date: **1/24/2022 4:04:00 PM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	<0.00100	0.00500								
cis-1,3-Dichloropropene	<0.00100	0.00500								
Cyclohexane	<0.00500	0.0150								N
Dibromochloromethane	<0.00100	0.00500								
Dibromomethane	<0.00100	0.00500								
Dichlorodifluoromethane	<0.00100	0.00500								
Ethylbenzene	<0.00100	0.00500								
Hexachlorobutadiene	<0.00100	0.00500								
Isopropylbenzene	<0.00100	0.00500								
m,p-Xylene	<0.00100	0.00500								
Methyl Acetate	<0.00500	0.0150								
Methyl tert-butyl ether	<0.00100	0.00500								
Methylcyclohexane	<0.00500	0.0150								
Methylene chloride	<0.00500	0.00500								
Naphthalene	<0.00500	0.0150								
n-Butylbenzene	<0.00100	0.00500								
n-Propylbenzene	<0.00100	0.00500								
o-Xylene	<0.00100	0.00500								
p-Isopropyltoluene	<0.00100	0.00500								
sec-Butylbenzene	<0.00100	0.00500								
Styrene	<0.00100	0.00500								
tert-Butylbenzene	<0.00100	0.00500								
Tetrachloroethene	<0.00100	0.00500								
Toluene	<0.00100	0.00500								
trans-1,2-Dichloroethene	<0.00100	0.00500								
trans-1,3-Dichloropropene	<0.00100	0.00500								
Trichloroethene	<0.00100	0.00500								
Trichlorofluoromethane	<0.00500	0.0150								
Vinyl chloride	<0.00100	0.00500								
Xylenes, Total	<0.00100	0.00500								
Surr: 1,2-Dichloroethane-d4	56.0		50.00		112	52	149			
Surr: 4-Bromofluorobenzene	51.9		50.00		104	84	118			
Surr: Dibromofluoromethane	53.5		50.00		107	65	135			
Surr: Toluene-d8	51.7		50.00		103	84	116			

Sample ID: **2201148-08AMS**	Batch ID: **103625**	TestNo: **SW8260D**	Units: **mg/Kg-dry**
SampType: **MS**	Run ID: **GCMS1_220124A**	Analysis Date: **1/24/2022 11:21:00 PM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	0.0272	0.00658	0.0305	0	89.0	74	125			
1,1,1-Trichloroethane	0.0284	0.00658	0.0305	0	92.9	68	130			

Qualifiers:

B	Analyte detected in the associated Method Blank
J	Analyte detected between MDL and RL
ND	Not Detected at the Method Detection Limit
RL	Reporting Limit
J	Analyte detected between SDL and RL
DF	Dilution Factor
MDL	Method Detection Limit
R	RPD outside accepted control limits
S	Spike Recovery outside control limits
N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_220124A

Sample ID: **2201148-08AMS** Batch ID: **103625** TestNo: **SW8260D** Units: **mg/Kg-dry**
SampType: **MS** Run ID: **GCMS1_220124A** Analysis Date: **1/24/2022 11:21:00 PM** Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,2,2-Tetrachloroethane	0.0279	0.00658	0.0305	0	91.3	59	140			
1,1,2-Trichloroethane	0.0300	0.00658	0.0305	0	98.3	62	127			
1,1,2-Trichlorotrifluoroethane	0.0299	0.0197	0.0305	0	97.9	57	135			
1,1-Dichloroethane	0.0293	0.00658	0.0305	0	95.8	73	125			
1,1-Dichloroethene	0.0284	0.00658	0.0305	0	93.1	65	136			
1,1-Dichloropropene	0.0273	0.00658	0.0305	0	89.3	70	135			
1,2,3-Trichlorobenzene	0.0214	0.00658	0.0305	0	70.1	62	133			
1,2,3-Trichloropropane	0.0311	0.00658	0.0305	0	102	63	130			
1,2,4-Trichlorobenzene	0.0197	0.00658	0.0305	0	64.5	65	131			S
1,2,4-Trimethylbenzene	0.0212	0.00658	0.0305	0	69.5	65	135			
1,2-Dibromo-3-chloropropane	0.0306	0.00658	0.0305	0	100	49	135			
1,2-Dibromoethane	0.0297	0.00658	0.0305	0	97.4	70	124			
1,2-Dichlorobenzene	0.0216	0.00658	0.0305	0	70.8	74	120			S
1,2-Dichloroethane	0.0305	0.00658	0.0305	0	100	72	137			
1,2-Dichloropropane	0.0286	0.00658	0.0305	0	93.8	71	120			
1,3,5-Trimethylbenzene	0.0215	0.00658	0.0305	0	70.3	65	133			
1,3-Dichlorobenzene	0.0213	0.00658	0.0305	0	69.7	72	124			S
1,3-Dichloropropane	0.0294	0.00658	0.0305	0	96.3	76	123			
1,4-Dichlorobenzene	0.0213	0.00658	0.0305	0	69.6	72	125			S
1-Chlorohexane	0.0204	0.00658	0.0305	0	66.8	60	135			
2,2-Dichloropropane	0.0246	0.00658	0.0305	0	80.6	67	134			
2-Butanone	0.332	0.0197	0.305	0	109	60	135			
2-Chlorotoluene	0.0223	0.00658	0.0305	0	72.9	69	128			
2-Hexanone	0.332	0.0197	0.305	0	109	50	150			
4-Chlorotoluene	0.0216	0.00658	0.0305	0	70.6	73	126			S
4-Methyl-2-pentanone	0.334	0.0197	0.305	0	109	60	135			
Acetone	0.343	0.0658	0.305	0	112	40	141			
Benzene	0.0273	0.00658	0.0305	0	89.5	73	126			
Bromobenzene	0.0241	0.00658	0.0305	0	78.8	66	121			
Bromochloromethane	0.0294	0.00658	0.0305	0	96.3	71	127			
Bromodichloromethane	0.0292	0.00658	0.0305	0	95.8	72	128			
Bromoform	0.0258	0.00658	0.0305	0	84.5	66	137			
Bromomethane	0.0298	0.00658	0.0305	0	97.5	45	141			
Carbon disulfide	0.0222	0.0197	0.0305	0	72.5	50	150			
Carbon tetrachloride	0.0280	0.00658	0.0305	0	91.6	67	133			
Chlorobenzene	0.0248	0.00658	0.0305	0	81.1	75	123			
Chloroethane	0.0328	0.00658	0.0305	0	107	41	141			
Chloroform	0.0297	0.00658	0.0305	0	97.2	72	124			
Chloromethane	0.0277	0.00658	0.0305	0	90.6	51	129			
cis-1,2-Dichloroethene	0.0278	0.00658	0.0305	0	91.0	67	125			
cis-1,3-Dichloropropene	0.0265	0.00658	0.0305	0	86.9	72	126			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_220124A

Sample ID: **2201148-08AMS**	Batch ID: **103625**	TestNo: **SW8260D**	Units: **mg/Kg-dry**
SampType: **MS**	Run ID: **GCMS1_220124A**	Analysis Date: **1/24/2022 11:21:00 PM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Cyclohexane	0.0274	0.0197	0.0305	0	89.6	40	158			N
Dibromochloromethane	0.0287	0.00658	0.0305	0	94.1	66	130			
Dibromomethane	0.0307	0.00658	0.0305	0	100	73	128			
Dichlorodifluoromethane	0.0250	0.00658	0.0305	0	81.8	34	136			
Ethylbenzene	0.0237	0.00658	0.0305	0	77.5	74	127			
Hexachlorobutadiene	0.0165	0.00658	0.0305	0	54.1	53	142			
Isopropylbenzene	0.0222	0.00658	0.0305	0	72.6	77	129			S
m,p-Xylene	0.0463	0.00658	0.0611	0	75.8	79	126			S
Methyl Acetate	0.0346	0.0197	0.0305	0	113	50	150			
Methyl tert-butyl ether	0.0310	0.00658	0.0305	0	102	50	135			
Methylcyclohexane	0.0271	0.0197	0.0305	0	88.6	50	150			
Methylene chloride	0.0300	0.00658	0.0305	0	98.3	63	137			
Naphthalene	0.0244	0.0197	0.0305	0	79.8	51	135			
n-Butylbenzene	0.0187	0.00658	0.0305	0	61.2	65	138			S
n-Propylbenzene	0.0213	0.00658	0.0305	0	69.6	63	135			
o-Xylene	0.0234	0.00658	0.0305	0	76.7	77	125			
p-Isopropyltoluene	0.0195	0.00658	0.0305	0	63.7	75	133			S
sec-Butylbenzene	0.0206	0.00658	0.0305	0	67.3	63	132			
Styrene	0.0228	0.00658	0.0305	0	74.8	74	128			
tert-Butylbenzene	0.0217	0.00658	0.0305	0	71.2	65	132			
Tetrachloroethene	0.0246	0.00658	0.0305	0	80.5	67	139			
Toluene	0.0264	0.00658	0.0305	0	86.6	71	127			
trans-1,2-Dichloroethene	0.0272	0.00658	0.0305	0	89.0	66	134			
trans-1,3-Dichloropropene	0.0277	0.00658	0.0305	0	90.5	65	127			
Trichloroethene	0.0280	0.00658	0.0305	0	91.6	77	124			
Trichlorofluoromethane	0.0324	0.0197	0.0305	0	106	49	139			
Vinyl chloride	0.0307	0.00658	0.0305	0	100	58	126			
Xylenes, Total	0.0697	0.00658	0.0916	0	76.1	75	125			
Surr: 1,2-Dichloroethane-d4	77.8		65.83		118	52	149			
Surr: 4-Bromofluorobenzene	65.9		65.83		100	84	118			
Surr: Dibromofluoromethane	73.3		65.83		111	65	135			
Surr: Toluene-d8	66.5		65.83		101	84	116			

Sample ID: **2201148-08AMSD**	Batch ID: **103625**	TestNo: **SW8260D**	Units: **mg/Kg-dry**
SampType: **MSD**	Run ID: **GCMS1_220124A**	Analysis Date: **1/24/2022 11:50:00 PM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	0.0182	0.00507	0.0235	0	77.5	74	125	39.3	30	R
1,1,1-Trichloroethane	0.0198	0.00507	0.0235	0	84.1	68	130	35.6	30	R
1,1,2,2-Tetrachloroethane	0.0212	0.00507	0.0235	0	90.2	59	140	27.2	30	
1,1,2-Trichloroethane	0.0216	0.00507	0.0235	0	91.7	62	127	32.7	30	R

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_220124A

Sample ID: **2201148-08AMSD** Batch ID: **103625** TestNo: **SW8260D** Units: **mg/Kg-dry**
SampType: **MSD** Run ID: **GCMS1_220124A** Analysis Date: **1/24/2022 11:50:00 PM** Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,2-Trichlorotrifluoroethane	0.0214	0.0152	0.0235	0	91.1	57	135	33.0	30	R
1,1-Dichloroethane	0.0206	0.00507	0.0235	0	87.4	73	125	34.9	30	R
1,1-Dichloroethene	0.0205	0.00507	0.0235	0	86.9	65	136	32.7	30	R
1,1-Dichloropropene	0.0186	0.00507	0.0235	0	78.9	70	135	37.9	30	R
1,2,3-Trichlorobenzene	0.0132	0.00507	0.0235	0	56.1	62	133	47.5	30	SR
1,2,3-Trichloropropane	0.0229	0.00507	0.0235	0	97.4	63	130	30.5	30	
1,2,4-Trichlorobenzene	0.0122	0.00507	0.0235	0	52.1	65	131	46.6	30	SR
1,2,4-Trimethylbenzene	0.0122	0.00507	0.0235	0	51.8	65	135	54.2	30	SR
1,2-Dibromo-3-chloropropane	0.0241	0.00507	0.0235	0	102	49	135	24.1	30	
1,2-Dibromoethane	0.0219	0.00507	0.0235	0	92.9	70	124	30.6	30	R
1,2-Dichlorobenzene	0.0139	0.00507	0.0235	0	59.2	74	120	43.4	30	SR
1,2-Dichloroethane	0.0223	0.00507	0.0235	0	94.6	72	137	31.4	30	R
1,2-Dichloropropane	0.0202	0.00507	0.0235	0	86.0	71	120	34.4	30	R
1,3,5-Trimethylbenzene	0.0124	0.00507	0.0235	0	52.7	65	133	53.5	30	SR
1,3-Dichlorobenzene	0.0129	0.00507	0.0235	0	54.6	72	124	49.4	30	SR
1,3-Dichloropropane	0.0210	0.00507	0.0235	0	89.4	76	123	33.2	30	R
1,4-Dichlorobenzene	0.0130	0.00507	0.0235	0	55.3	72	125	48.1	30	SR
1-Chlorohexane	0.0122	0.00507	0.0235	0	51.7	60	135	50.8	30	SR
2,2-Dichloropropane	0.0177	0.00507	0.0235	0	75.2	67	134	32.7	30	R
2-Butanone	0.260	0.0152	0.235	0	111	60	135	24.3	30	
2-Chlorotoluene	0.0134	0.00507	0.0235	0	56.8	69	128	49.9	30	SR
2-Hexanone	0.263	0.0152	0.235	0	112	50	150	23.2	30	
4-Chlorotoluene	0.0127	0.00507	0.0235	0	54.0	73	126	51.7	30	SR
4-Methyl-2-pentanone	0.266	0.0152	0.235	0	113	60	135	22.7	30	
Acetone	0.270	0.0507	0.235	0	115	40	141	23.7	30	
Benzene	0.0188	0.00507	0.0235	0	79.7	73	126	37.2	30	R
Bromobenzene	0.0154	0.00507	0.0235	0	65.3	66	121	44.1	30	SR
Bromochloromethane	0.0204	0.00507	0.0235	0	86.8	71	127	36.1	30	R
Bromodichloromethane	0.0202	0.00507	0.0235	0	85.9	72	128	36.6	30	R
Bromoform	0.0187	0.00507	0.0235	0	79.7	66	137	31.8	30	R
Bromomethane	0.0234	0.00507	0.0235	0	99.6	45	141	23.8	30	
Carbon disulfide	0.0153	0.0152	0.0235	0	65.2	50	150	36.4	30	R
Carbon tetrachloride	0.0195	0.00507	0.0235	0	82.8	67	133	35.8	30	R
Chlorobenzene	0.0156	0.00507	0.0235	0	66.3	75	123	45.3	30	SR
Chloroethane	0.0233	0.00507	0.0235	0	99.2	41	141	33.7	30	R
Chloroform	0.0209	0.00507	0.0235	0	88.9	72	124	34.7	30	R
Chloromethane	0.0200	0.00507	0.0235	0	84.8	51	129	32.4	30	R
cis-1,2-Dichloroethene	0.0191	0.00507	0.0235	0	81.0	67	125	37.3	30	R
cis-1,3-Dichloropropene	0.0179	0.00507	0.0235	0	76.0	72	126	39.0	30	R
Cyclohexane	0.0190	0.0152	0.0235	0	80.8	40	158	36.1	30	RN
Dibromochloromethane	0.0201	0.00507	0.0235	0	85.5	66	130	35.4	30	R

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_220124A

Sample ID: **2201148-08AMSD** Batch ID: **103625** TestNo: **SW8260D** Units: **mg/Kg-dry**
SampType: **MSD** Run ID: **GCMS1_220124A** Analysis Date: **1/24/2022 11:50:00 PM** Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Dibromomethane	0.0217	0.00507	0.0235	0	92.3	73	128	34.2	30	R
Dichlorodifluoromethane	0.0188	0.00507	0.0235	0	80.1	34	136	28.0	30	
Ethylbenzene	0.0144	0.00507	0.0235	0	61.4	74	127	48.4	30	SR
Hexachlorobutadiene	0.00905	0.00507	0.0235	0	38.5	53	142	58.4	30	SR
Isopropylbenzene	0.0129	0.00507	0.0235	0	54.8	77	129	52.8	30	SR
m,p-Xylene	0.0277	0.00507	0.0471	0	58.8	79	126	50.3	30	SR
Methyl Acetate	0.0257	0.0152	0.0235	0	109	50	150	29.8	30	
Methyl tert-butyl ether	0.0233	0.00507	0.0235	0	98.9	50	135	28.6	30	
Methylcyclohexane	0.0182	0.0152	0.0235	0	77.6	50	150	38.9	30	R
Methylene chloride	0.0218	0.00507	0.0235	0	92.8	63	137	31.6	30	R
Naphthalene	0.0172	0.0152	0.0235	0	73.0	51	135	34.6	30	R
n-Butylbenzene	0.0102	0.00507	0.0235	0	43.5	65	138	58.5	30	SR
n-Propylbenzene	0.0122	0.00507	0.0235	0	51.8	63	135	54.2	30	SR
o-Xylene	0.0143	0.00507	0.0235	0	61.0	77	125	48.1	30	SR
p-Isopropyltoluene	0.0109	0.00507	0.0235	0	46.1	75	133	56.7	30	SR
sec-Butylbenzene	0.0114	0.00507	0.0235	0	48.5	63	132	57.2	30	SR
Styrene	0.0139	0.00507	0.0235	0	59.1	74	128	48.6	30	SR
tert-Butylbenzene	0.0123	0.00507	0.0235	0	52.2	65	132	55.6	30	SR
Tetrachloroethene	0.0156	0.00507	0.0235	0	66.1	67	139	44.9	30	SR
Toluene	0.0168	0.00507	0.0235	0	71.4	71	127	44.7	30	R
trans-1,2-Dichloroethene	0.0185	0.00507	0.0235	0	78.5	66	134	38.1	30	R
trans-1,3-Dichloropropene	0.0189	0.00507	0.0235	0	80.5	65	127	37.3	30	R
Trichloroethene	0.0183	0.00507	0.0235	0	77.8	77	124	41.8	30	R
Trichlorofluoromethane	0.0243	0.0152	0.0235	0	103	49	139	28.4	30	
Vinyl chloride	0.0227	0.00507	0.0235	0	96.7	58	126	29.7	30	
Xylenes, Total	0.0420	0.00507	0.0706	0	59.5	75	125	49.6	30	SR
Surr: 1,2-Dichloroethane-d4	60.6		50.70		120	52	149	0	0	
Surr: 4-Bromofluorobenzene	52.6		50.70		104	84	118	0	0	
Surr: Dibromofluoromethane	56.4		50.70		111	65	135	0	0	
Surr: Toluene-d8	51.4		50.70		101	84	116	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_220124A

Sample ID: **ICV-220124** Batch ID: **R118986** TestNo: **SW8260D** Units: **mg/Kg**
SampType: **ICV** Run ID: **GCMS1_220124A** Analysis Date: **1/24/2022 2:21:00 PM** Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	0.0511	0.00500	0.0464	0	110	70	130			
1,1,1-Trichloroethane	0.0496	0.00500	0.0464	0	107	70	130			
1,1,2,2-Tetrachloroethane	0.0488	0.00500	0.0464	0	105	70	130			
1,1,2-Trichloroethane	0.0521	0.00500	0.0464	0	112	70	130			
1,1,2-Trichlorotrifluoroethane	0.0627	0.0150	0.0464	0	135	70	130			S
1,1-Dichloroethane	0.0504	0.00500	0.0464	0	109	70	130			
1,1-Dichloroethene	0.0492	0.00500	0.0464	0	106	70	130			
1,1-Dichloropropene	0.0509	0.00500	0.0464	0	110	70	130			
1,2,3-Trichlorobenzene	0.0472	0.00500	0.0464	0	102	70	130			
1,2,3-Trichloropropane	0.0507	0.00500	0.0464	0	109	70	130			
1,2,4-Trichlorobenzene	0.0470	0.00500	0.0464	0	101	70	130			
1,2,4-Trimethylbenzene	0.0485	0.00500	0.0464	0	105	70	130			
1,2-Dibromo-3-chloropropane	0.0493	0.00500	0.0464	0	106	70	130			
1,2-Dibromoethane	0.0504	0.00500	0.0464	0	109	70	130			
1,2-Dichlorobenzene	0.0482	0.00500	0.0464	0	104	70	130			
1,2-Dichloroethane	0.0507	0.00500	0.0464	0	109	70	130			
1,2-Dichloropropane	0.0512	0.00500	0.0464	0	110	70	130			
1,3,5-Trimethylbenzene	0.0489	0.00500	0.0464	0	105	70	130			
1,3-Dichlorobenzene	0.0483	0.00500	0.0464	0	104	70	130			
1,3-Dichloropropane	0.0502	0.00500	0.0464	0	108	70	130			
1,4-Dichlorobenzene	0.0475	0.00500	0.0464	0	102	70	130			
1-Chlorohexane	0.0406	0.00500	0.0464	0	87.5	70	130			
2,2-Dichloropropane	0.0515	0.00500	0.0464	0	111	70	130			
2-Butanone	0.576	0.0150	0.464	0	124	70	130			
2-Chlorotoluene	0.0487	0.00500	0.0464	0	105	70	130			
2-Hexanone	0.576	0.0150	0.464	0	124	70	130			
4-Chlorotoluene	0.0490	0.00500	0.0464	0	106	70	130			
4-Methyl-2-pentanone	0.578	0.0150	0.464	0	125	70	130			
Acetone	0.560	0.0500	0.464	0	121	70	130			
Benzene	0.0495	0.00500	0.0464	0	107	70	130			
Bromobenzene	0.0474	0.00500	0.0464	0	102	70	130			
Bromochloromethane	0.0499	0.00500	0.0464	0	108	70	130			
Bromodichloromethane	0.0519	0.00500	0.0464	0	112	70	130			
Bromoform	0.0472	0.00500	0.0464	0	102	70	130			
Bromomethane	0.0482	0.00500	0.0464	0	104	70	130			
Carbon disulfide	0.0437	0.0150	0.0464	0	94.3	70	130			
Carbon tetrachloride	0.0507	0.00500	0.0464	0	109	70	130			
Chlorobenzene	0.0485	0.00500	0.0464	0	104	70	130			
Chloroethane	0.0533	0.00500	0.0464	0	115	70	130			
Chloroform	0.0519	0.00500	0.0464	0	112	70	130			
Chloromethane	0.0460	0.00500	0.0464	0	99.1	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS1_220124A

Sample ID: **ICV-220124** Batch ID: **R118986** TestNo: **SW8260D** Units: **mg/Kg**
SampType: **ICV** Run ID: **GCMS1_220124A** Analysis Date: **1/24/2022 2:21:00 PM** Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	0.0493	0.00500	0.0464	0	106	70	130			
cis-1,3-Dichloropropene	0.0514	0.00500	0.0464	0	111	70	130			
Cyclohexane	0.0631	0.0150	0.0464	0	136	70	130			SN
Dibromochloromethane	0.0509	0.00500	0.0464	0	110	70	130			
Dibromomethane	0.0509	0.00500	0.0464	0	110	70	130			
Dichlorodifluoromethane	0.0416	0.00500	0.0464	0	89.7	70	130			
Ethylbenzene	0.0497	0.00500	0.0464	0	107	70	130			
Hexachlorobutadiene	0.0471	0.00500	0.0464	0	102	70	130			
Isopropylbenzene	0.0494	0.00500	0.0464	0	106	70	130			
m,p-Xylene	0.0993	0.00500	0.0928	0	107	70	130			
Methyl Acetate	0.0623	0.0150	0.0464	0	134	70	130			S
Methyl tert-butyl ether	0.0518	0.00500	0.0464	0	112	70	130			
Methylcyclohexane	0.0639	0.0150	0.0464	0	138	70	130			S
Methylene chloride	0.0505	0.00500	0.0464	0	109	70	130			
Naphthalene	0.0485	0.0150	0.0464	0	105	70	130			
n-Butylbenzene	0.0506	0.00500	0.0464	0	109	70	130			
n-Propylbenzene	0.0489	0.00500	0.0464	0	105	70	130			
o-Xylene	0.0496	0.00500	0.0464	0	107	70	130			
p-Isopropyltoluene	0.0502	0.00500	0.0464	0	108	70	130			
sec-Butylbenzene	0.0491	0.00500	0.0464	0	106	70	130			
Styrene	0.0503	0.00500	0.0464	0	108	70	130			
tert-Butylbenzene	0.0492	0.00500	0.0464	0	106	70	130			
Tetrachloroethene	0.0498	0.00500	0.0464	0	107	70	130			
Toluene	0.0506	0.00500	0.0464	0	109	70	130			
trans-1,2-Dichloroethene	0.0486	0.00500	0.0464	0	105	70	130			
trans-1,3-Dichloropropene	0.0539	0.00500	0.0464	0	116	70	130			
Trichloroethene	0.0499	0.00500	0.0464	0	108	70	130			
Trichlorofluoromethane	0.0523	0.0150	0.0464	0	113	70	130			
Vinyl chloride	0.0502	0.00500	0.0464	0	108	70	130			
Xylenes, Total	0.149	0.00500	0.139	0	107	70	130			
Surr: 1,2-Dichloroethane-d4	53.5		50.00		107	52	149			
Surr: 4-Bromofluorobenzene	49.7		50.00		99.3	84	118			
Surr: Dibromofluoromethane	52.8		50.00		106	65	135			
Surr: Toluene-d8	49.1		50.00		98.2	84	116			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_211122A

Sample ID: **DCS-102938**	Batch ID: **102938**	TestNo: **SW8260D**	Units: **mg/L**
SampType: **DCS**	Run ID: **GCMS7_211122A**	Analysis Date: **11/23/2021 12:57:00 A**	Prep Date: **11/22/2021**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	0.000720	0.00100	0.000464	0	155	10	400	0	0	
1,1,1-Trichloroethane	0.000850	0.00100	0.000464	0	183	10	400	0	0	
1,1,2,2-Tetrachloroethane	0.000790	0.00100	0.000464	0	170	10	400	0	0	
1,1,2-Trichloroethane	0.000840	0.00100	0.000464	0	181	10	400	0	0	
1,1,2-Trichlorotrifluoroethane	0.0120	0.0150	0.00928	0	129	10	400	0	0	
1,1-Dichloroethane	0.000810	0.00100	0.000464	0	175	10	400	0	0	
1,1-Dichloroethene	0.000910	0.00100	0.000464	0	196	10	400	0	0	
1,1-Dichloropropene	0.000780	0.00100	0.000464	0	168	10	400	0	0	
1,2,3-Trichloropropane	0.000790	0.00100	0.000464	0	170	10	400	0	0	
1,2-Dibromoethane	0.000780	0.00100	0.000464	0	168	10	400	0	0	
1,2-Dichlorobenzene	0.000900	0.00100	0.000464	0	194	10	400	0	0	
1,2-Dichloroethane	0.000860	0.00100	0.000464	0	185	10	400	0	0	
1,2-Dichloropropane	0.000720	0.00100	0.000464	0	155	10	400	0	0	
1,3-Dichlorobenzene	0.000760	0.00100	0.000464	0	164	10	400	0	0	
1,3-Dichloropropane	0.000740	0.00100	0.000464	0	159	10	400	0	0	
1,4-Dichlorobenzene	0.000870	0.00100	0.000464	0	188	10	400	0	0	
2,2-Dichloropropane	0.000690	0.00100	0.000464	0	149	10	400	0	0	
2-Butanone	0.0108	0.0150	0.00928	0	117	10	400	0	0	
2-Chlorotoluene	0.000680	0.00100	0.000464	0	147	10	400	0	0	
2-Hexanone	0.00904	0.0150	0.00928	0	97.4	10	400	0	0	
4-Chlorotoluene	0.000660	0.00100	0.000464	0	142	10	400	0	0	
4-Methyl-2-pentanone	0.0103	0.0150	0.00928	0	111	10	400	0	0	
Acetone	0.0112	0.0150	0.00928	0	121	10	400	0	0	
Benzene	0.000810	0.00100	0.000464	0	175	10	400	0	0	
Bromobenzene	0.000790	0.00100	0.000464	0	170	10	400	0	0	
Bromochloromethane	0.000830	0.00100	0.000464	0	179	10	400	0	0	
Bromodichloromethane	0.000780	0.00100	0.000464	0	168	10	400	0	0	
Bromoform	0.000760	0.00100	0.000464	0	164	10	400	0	0	
Carbon disulfide	0.0123	0.0150	0.00928	0	133	10	400	0	0	
Carbon tetrachloride	0.000670	0.00100	0.000464	0	144	10	400	0	0	
Chlorobenzene	0.00110	0.00100	0.000464	0	237	10	400	0	0	
Chloroform	0.000740	0.00100	0.000464	0	159	10	400	0	0	
cis-1,2-Dichloroethene	0.000830	0.00100	0.000464	0	179	10	400	0	0	
cis-1,3-Dichloropropene	0.000700	0.00100	0.000464	0	151	10	400	0	0	
Cyclohexane	0.00945	0.0150	0.00928	0	102	10	400	0	0	N
Dibromochloromethane	0.000770	0.00100	0.000464	0	166	10	400	0	0	
Dibromomethane	0.000860	0.00100	0.000464	0	185	10	400	0	0	
Ethylbenzene	0.000710	0.00100	0.000464	0	153	10	400	0	0	
Isopropylbenzene	0.000710	0.00100	0.000464	0	153	10	400	0	0	
m,p-Xylene	0.00142	0.00200	0.000928	0	153	10	400	0	0	
Methyl Acetate	0.00874	0.0150	0.00928	0	94.2	10	400	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

Sample ID: **DCS-102938**	Batch ID: **102938**	TestNo: **SW8260D**	Units: **mg/L**
SampType: **DCS**	Run ID: **GCMS7_211122A**	Analysis Date: **11/23/2021 12:57:00 A**	Prep Date: **11/22/2021**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	0.000740	0.00100	0.000464	0	159	10	400	0	0	
Methylcyclohexane	0.00875	0.0150	0.00928	0	94.3	10	400	0	0	
n-Butylbenzene	0.000560	0.00100	0.000464	0	121	10	400	0	0	
n-Propylbenzene	0.000670	0.00100	0.000464	0	144	10	400	0	0	
o-Xylene	0.000680	0.00100	0.000464	0	147	10	400	0	0	
p-Isopropyltoluene	0.000630	0.00100	0.000464	0	136	10	400	0	0	
sec-Butylbenzene	0.000680	0.00100	0.000464	0	147	10	400	0	0	
Styrene	0.000600	0.00100	0.000464	0	129	10	400	0	0	
tert-Butylbenzene	0.000700	0.00100	0.000464	0	151	10	400	0	0	
Tetrachloroethene	0.000790	0.00200	0.000464	0	170	10	400	0	0	
Toluene	0.000820	0.00200	0.000464	0	177	10	400	0	0	
trans-1,2-Dichloroethene	0.000820	0.00100	0.000464	0	177	10	400	0	0	
trans-1,3-Dichloropropene	0.000720	0.00100	0.000464	0	155	10	400	0	0	
Trichloroethene	0.000860	0.00100	0.000464	0	185	10	400	0	0	
Total Xylenes	0.00210	0.00100	0.00139	0	151	10	400	0	0	

Sample ID: **DCS2-102938**	Batch ID: **102938**	TestNo: **SW8260D**	Units: **mg/L**
SampType: **DCS2**	Run ID: **GCMS7_211122A**	Analysis Date: **11/23/2021 1:21:00 AM**	Prep Date: **11/22/2021**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2,3-Trichlorobenzene	0.00199	0.00500	0.00186	0	107	10	400	0	0	
1,2,4-Trichlorobenzene	0.00157	0.00500	0.00186	0	84.4	10	400	0	0	
1,2,4-Trimethylbenzene	0.00134	0.00500	0.00186	0	72.0	10	400	0	0	
1,2-Dibromo-3-chloropropane	0.00132	0.0100	0.00186	0	71.0	10	400	0	0	
1,3,5-Trimethylbenzene	0.00137	0.00500	0.00186	0	73.7	10	400	0	0	
1-Chlorohexane	0.000770	0.00500	0.00186	0	41.4	10	400	0	0	
Hexachlorobutadiene	0.00194	0.00300	0.00186	0	104	10	400	0	0	
Methylene chloride	0.00391	0.00250	0.00186	0	210	10	400	0	0	
Naphthalene	0.00158	0.0150	0.00186	0	84.9	10	400	0	0	

Sample ID: **DCS-102938**	Batch ID: **102938**	TestNo: **SW8260D**	Units: **mg/L**
SampType: **DCS**	Run ID: **GCMS7_211122A**	Analysis Date: **11/23/2021 10:01:00 A**	Prep Date: **11/22/2021**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Bromomethane	0.000360	0.00100	0.000464	0	77.6	10	400	0	0	
Chloroethane	0.000280	0.00100	0.000464	0	60.3	10	400	0	0	
Chloromethane	0.000320	0.00100	0.000464	0	69.0	10	400	0	0	
Dichlorodifluoromethane	0.000290	0.00100	0.000464	0	62.5	10	400	0	0	
Trichlorofluoromethane	0.000430	0.00100	0.000464	0	92.7	10	400	0	0	
Vinyl chloride	0.000340	0.00100	0.000464	0	73.3	10	400	0	0	

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_220121A

The QC data in batch 103617 applies to the following samples: 2201148-01A, 2201148-17A

Sample ID: **LCS-103617** Batch ID: **103617** TestNo: **SW8260D** Units: **mg/L**
SampType: **LCS** Run ID: **GCMS7_220121A** Analysis Date: **1/21/2022 12:17:00 PM** Prep Date: **1/21/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	0.0241	0.00100	0.0232	0	104	81	129			
1,1,1-Trichloroethane	0.0274	0.00100	0.0232	0	118	67	132			
1,1,2,2-Tetrachloroethane	0.0227	0.00100	0.0232	0	98.0	63	128			
1,1,2-Trichloroethane	0.0278	0.00100	0.0232	0	120	75	125			
1,1,2-Trichlorotrifluoroethane	0.0248	0.0150	0.0232	0	107	67	125			
1,1-Dichloroethane	0.0268	0.00100	0.0232	0	115	69	133			
1,1-Dichloroethene	0.0276	0.00100	0.0232	0	119	68	130			
1,1-Dichloropropene	0.0272	0.00100	0.0232	0	117	73	132			
1,2,3-Trichlorobenzene	0.0284	0.00500	0.0232	0	123	67	137			
1,2,3-Trichloropropane	0.0235	0.00100	0.0232	0	101	73	124			
1,2,4-Trichlorobenzene	0.0265	0.00500	0.0232	0	114	66	134			
1,2,4-Trimethylbenzene	0.0225	0.00500	0.0232	0	96.8	74	132			
1,2-Dibromo-3-chloropropane	0.0234	0.0100	0.0232	0	101	50	132			
1,2-Dibromoethane	0.0244	0.00100	0.0232	0	105	80	121			
1,2-Dichlorobenzene	0.0232	0.00100	0.0232	0	99.9	75	122			
1,2-Dichloroethane	0.0263	0.00100	0.0232	0	113	69	132			
1,2-Dichloropropane	0.0265	0.00100	0.0232	0	114	75	125			
1,3,5-Trimethylbenzene	0.0228	0.00500	0.0232	0	98.1	74	131			
1,3-Dichlorobenzene	0.0229	0.00100	0.0232	0	98.8	75	124			
1,3-Dichloropropane	0.0231	0.00100	0.0232	0	99.7	73	126			
1,4-Dichlorobenzene	0.0228	0.00100	0.0232	0	98.3	74	123			
1-Chlorohexane	0.0212	0.00500	0.0232	0	91.5	70	125			
2,2-Dichloropropane	0.0279	0.00100	0.0232	0	120	69	137			
2-Butanone	0.137	0.0150	0.116	0	118	49	136			
2-Chlorotoluene	0.0227	0.00100	0.0232	0	97.7	73	126			
2-Hexanone	0.112	0.0150	0.116	0	96.7	50	150			
4-Chlorotoluene	0.0228	0.00100	0.0232	0	98.2	74	128			
4-Methyl-2-pentanone	0.110	0.0150	0.116	0	94.5	60	134			
Acetone	0.129	0.0150	0.116	0	111	40	135			
Benzene	0.0272	0.00100	0.0232	0	117	81	122			
Bromobenzene	0.0231	0.00100	0.0232	0	99.7	76	124			
Bromochloromethane	0.0278	0.00100	0.0232	0	120	65	129			
Bromodichloromethane	0.0272	0.00100	0.0232	0	117	76	121			
Bromoform	0.0251	0.00100	0.0232	0	108	69	128			
Bromomethane	0.0207	0.00100	0.0232	0	89.4	53	141			
Carbon disulfide	0.0202	0.0150	0.0232	0	87.2	50	150			
Carbon tetrachloride	0.0308	0.00100	0.0232	0	133	66	138			
Chlorobenzene	0.0237	0.00100	0.0232	0	102	81	122			
Chloroethane	0.0266	0.00100	0.0232	0	115	58	133			
Chloroform	0.0268	0.00100	0.0232	0	115	69	128			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_220121A

Sample ID: **LCS-103617**	Batch ID: **103617**	TestNo: **SW8260D**	Units: **mg/L**
SampType: **LCS**	Run ID: **GCMS7_220121A**	Analysis Date: **1/21/2022 12:17:00 PM**	Prep Date: **1/21/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloromethane	0.0266	0.00100	0.0232	0	115	56	131			
cis-1,2-Dichloroethene	0.0276	0.00100	0.0232	0	119	72	126			
cis-1,3-Dichloropropene	0.0278	0.00100	0.0232	0	120	69	131			
Cyclohexane	0.0235	0.0150	0.0232	0	101	40	161			N
Dibromochloromethane	0.0242	0.00100	0.0232	0	104	66	133			
Dibromomethane	0.0269	0.00100	0.0232	0	116	76	125			
Dichlorodifluoromethane	0.0354	0.00100	0.0232	0	153	53	153			
Ethylbenzene	0.0238	0.00100	0.0232	0	103	80	120			
Hexachlorobutadiene	0.0302	0.00300	0.0232	0	130	67	131			
Isopropylbenzene	0.0239	0.00100	0.0232	0	103	75	127			
m,p-Xylene	0.0479	0.00200	0.0464	0	103	80	120			
Methyl Acetate	0.0201	0.0150	0.0232	0	86.8	50	150			
Methyl tert-butyl ether	0.0248	0.00100	0.0232	0	107	68	123			
Methylcyclohexane	0.0240	0.0150	0.0232	0	103	70	130			
Methylene chloride	0.0288	0.00250	0.0232	0	124	63	137			
Naphthalene	0.0249	0.0150	0.0232	0	107	54	138			
n-Butylbenzene	0.0221	0.00100	0.0232	0	95.1	69	137			
n-Propylbenzene	0.0222	0.00100	0.0232	0	95.8	72	129			
o-Xylene	0.0238	0.00100	0.0232	0	103	80	120			
p-Isopropyltoluene	0.0226	0.00100	0.0232	0	97.4	73	130			
sec-Butylbenzene	0.0222	0.00100	0.0232	0	95.7	72	127			
Styrene	0.0235	0.00100	0.0232	0	101	65	134			
tert-Butylbenzene	0.0227	0.00100	0.0232	0	97.9	70	129			
Tetrachloroethene	0.0245	0.00200	0.0232	0	106	66	128			
Toluene	0.0273	0.00200	0.0232	0	118	80	120			
trans-1,2-Dichloroethene	0.0278	0.00100	0.0232	0	120	63	137			
trans-1,3-Dichloropropene	0.0282	0.00100	0.0232	0	121	59	135			
Trichloroethene	0.0279	0.00100	0.0232	0	120	70	127			
Trichlorofluoromethane	0.0311	0.00100	0.0232	0	134	57	129			S
Vinyl chloride	0.0308	0.00100	0.0232	0	133	50	134			
Total Xylenes	0.0718	0.00100	0.0696	0	103	80	120			
Surr: 1,2-Dichloroethane-d4	178		200.0		89.1	72	119			
Surr: 4-Bromofluorobenzene	188		200.0		94.2	76	119			
Surr: Dibromofluoromethane	191		200.0		95.4	85	115			
Surr: Toluene-d8	169		200.0		84.5	81	120			

Sample ID: **MB-103617**	Batch ID: **103617**	TestNo: **SW8260D**	Units: **mg/L**
SampType: **MBLK**	Run ID: **GCMS7_220121A**	Analysis Date: **1/21/2022 1:17:00 PM**	Prep Date: **1/21/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	<0.000300	0.00100								

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_220121A

Sample ID: **MB-103617** Batch ID: **103617** TestNo: **SW8260D** Units: **mg/L**
SampType: **MBLK** Run ID: **GCMS7_220121A** Analysis Date: **1/21/2022 1:17:00 PM** Prep Date: **1/21/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.000300	0.00100								
1,1,2,2-Tetrachloroethane	<0.000300	0.00100								
1,1,2-Trichloroethane	<0.000300	0.00100								
1,1,2-Trichlorotrifluoroethane	<0.00500	0.0150								
1,1-Dichloroethane	<0.000300	0.00100								
1,1-Dichloroethene	<0.000300	0.00100								
1,1-Dichloropropene	<0.000300	0.00100								
1,2,3-Trichlorobenzene	<0.00150	0.00500								
1,2,3-Trichloropropane	<0.000300	0.00100								
1,2,4-Trichlorobenzene	<0.00150	0.00500								
1,2,4-Trimethylbenzene	<0.00150	0.00500								
1,2-Dibromo-3-chloropropane	<0.00300	0.0100								
1,2-Dibromoethane	<0.000300	0.00100								
1,2-Dichlorobenzene	<0.000300	0.00100								
1,2-Dichloroethane	<0.000300	0.00100								
1,2-Dichloropropane	<0.000300	0.00100								
1,3,5-Trimethylbenzene	<0.00150	0.00500								
1,3-Dichlorobenzene	<0.000300	0.00100								
1,3-Dichloropropane	<0.000300	0.00100								
1,4-Dichlorobenzene	<0.000300	0.00100								
1-Chlorohexane	<0.00100	0.00500								
2,2-Dichloropropane	<0.000300	0.00100								
2-Butanone	<0.00500	0.0150								
2-Chlorotoluene	<0.000300	0.00100								
2-Hexanone	<0.00500	0.0150								
4-Chlorotoluene	<0.000300	0.00100								
4-Methyl-2-pentanone	<0.00500	0.0150								
Acetone	<0.00500	0.0150								
Benzene	<0.000300	0.00100								
Bromobenzene	<0.000300	0.00100								
Bromochloromethane	<0.000300	0.00100								
Bromodichloromethane	<0.000300	0.00100								
Bromoform	<0.000300	0.00100								
Bromomethane	<0.000300	0.00100								
Carbon disulfide	<0.00500	0.0150								
Carbon tetrachloride	<0.000300	0.00100								
Chlorobenzene	<0.000300	0.00100								
Chloroethane	<0.000300	0.00100								
Chloroform	<0.000300	0.00100								
Chloromethane	<0.000300	0.00100								
cis-1,2-Dichloroethene	<0.000300	0.00100								

Qualifiers:

B	Analyte detected in the associated Method Blank
J	Analyte detected between MDL and RL
ND	Not Detected at the Method Detection Limit
RL	Reporting Limit
J	Analyte detected between SDL and RL
DF	Dilution Factor
MDL	Method Detection Limit
R	RPD outside accepted control limits
S	Spike Recovery outside control limits
N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_220121A

Sample ID: **MB-103617** Batch ID: **103617** TestNo: **SW8260D** Units: **mg/L**
SampType: **MBLK** Run ID: **GCMS7_220121A** Analysis Date: **1/21/2022 1:17:00 PM** Prep Date: **1/21/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
cis-1,3-Dichloropropene	<0.000300	0.00100								
Cyclohexane	<0.00500	0.0150								N
Dibromochloromethane	<0.000300	0.00100								
Dibromomethane	<0.000300	0.00100								
Dichlorodifluoromethane	<0.000300	0.00100								
Ethylbenzene	<0.000300	0.00100								
Hexachlorobutadiene	<0.00100	0.00300								
Isopropylbenzene	<0.000300	0.00100								
m,p-Xylene	<0.000600	0.00200								
Methyl Acetate	<0.00500	0.0150								
Methyl tert-butyl ether	<0.000300	0.00100								
Methylcyclohexane	<0.00500	0.0150								
Methylene chloride	<0.00250	0.00250								
Naphthalene	<0.00500	0.0150								
n-Butylbenzene	<0.000300	0.00100								
n-Propylbenzene	<0.000300	0.00100								
o-Xylene	<0.000300	0.00100								
p-Isopropyltoluene	<0.000300	0.00100								
sec-Butylbenzene	<0.000300	0.00100								
Styrene	<0.000300	0.00100								
tert-Butylbenzene	<0.000300	0.00100								
Tetrachloroethene	<0.000600	0.00200								
Toluene	<0.000600	0.00200								
trans-1,2-Dichloroethene	<0.000300	0.00100								
trans-1,3-Dichloropropene	<0.000300	0.00100								
Trichloroethene	<0.000600	0.00100								
Trichlorofluoromethane	<0.000300	0.00100								
Vinyl chloride	<0.000300	0.00100								
Total Xylenes	<0.000300	0.00100								
Surr: 1,2-Dichloroethane-d4	188		200.0		94.2	72	119			
Surr: 4-Bromofluorobenzene	184		200.0		91.9	76	119			
Surr: Dibromofluoromethane	195		200.0		97.3	85	115			
Surr: Toluene-d8	168		200.0		84.0	81	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_220121A

Sample ID: **ICV-220121** Batch ID: **R118949** TestNo: **SW8260D** Units: **mg/L**
SampType: **ICV** Run ID: **GCMS7_220121A** Analysis Date: **1/21/2022 10:33:00 AM** Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	0.0451	0.00100	0.0464	0	97.1	70	130			
1,1,1-Trichloroethane	0.0507	0.00100	0.0464	0	109	70	130			
1,1,2,2-Tetrachloroethane	0.0411	0.00100	0.0464	0	88.5	70	130			
1,1,2-Trichloroethane	0.0518	0.00100	0.0464	0	112	70	130			
1,1,2-Trichlorotrifluoroethane	0.0560	0.0150	0.0464	0	121	70	130			
1,1-Dichloroethane	0.0503	0.00100	0.0464	0	108	70	130			
1,1-Dichloroethene	0.0516	0.00100	0.0464	0	111	70	130			
1,1-Dichloropropene	0.0512	0.00100	0.0464	0	110	70	130			
1,2,3-Trichlorobenzene	0.0477	0.00500	0.0464	0	103	70	130			
1,2,3-Trichloropropane	0.0430	0.00100	0.0464	0	92.6	70	130			
1,2,4-Trichlorobenzene	0.0473	0.00500	0.0464	0	102	70	130			
1,2,4-Trimethylbenzene	0.0418	0.00500	0.0464	0	90.0	70	130			
1,2-Dibromo-3-chloropropane	0.0428	0.0100	0.0464	0	92.3	70	130			
1,2-Dibromoethane	0.0455	0.00100	0.0464	0	98.0	70	130			
1,2-Dichlorobenzene	0.0431	0.00100	0.0464	0	92.9	70	130			
1,2-Dichloroethane	0.0491	0.00100	0.0464	0	106	70	130			
1,2-Dichloropropane	0.0497	0.00100	0.0464	0	107	70	130			
1,3,5-Trimethylbenzene	0.0420	0.00500	0.0464	0	90.4	70	130			
1,3-Dichlorobenzene	0.0423	0.00100	0.0464	0	91.1	70	130			
1,3-Dichloropropane	0.0438	0.00100	0.0464	0	94.4	70	130			
1,4-Dichlorobenzene	0.0416	0.00100	0.0464	0	89.7	70	130			
1-Chlorohexane	0.0373	0.00500	0.0464	0	80.4	70	130			
2,2-Dichloropropane	0.0511	0.00100	0.0464	0	110	70	130			
2-Butanone	0.237	0.0150	0.232	0	102	70	130			
2-Chlorotoluene	0.0425	0.00100	0.0464	0	91.5	70	130			
2-Hexanone	0.191	0.0150	0.232	0	82.4	70	130			
4-Chlorotoluene	0.0429	0.00100	0.0464	0	92.5	70	130			
4-Methyl-2-pentanone	0.187	0.0150	0.232	0	80.5	70	130			
Acetone	0.219	0.0150	0.232	0	94.4	70	130			
Benzene	0.0510	0.00100	0.0464	0	110	70	130			
Bromobenzene	0.0424	0.00100	0.0464	0	91.4	70	130			
Bromochloromethane	0.0521	0.00100	0.0464	0	112	70	130			
Bromodichloromethane	0.0514	0.00100	0.0464	0	111	70	130			
Bromoform	0.0463	0.00100	0.0464	0	99.7	70	130			
Bromomethane	0.0342	0.00100	0.0464	0	73.8	70	130			
Carbon disulfide	0.0393	0.0150	0.0464	0	84.7	70	130			
Carbon tetrachloride	0.0570	0.00100	0.0464	0	123	70	130			
Chlorobenzene	0.0441	0.00100	0.0464	0	95.0	70	130			
Chloroethane	0.0455	0.00100	0.0464	0	98.1	70	130			
Chloroform	0.0502	0.00100	0.0464	0	108	70	130			
Chloromethane	0.0464	0.00100	0.0464	0	100	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_220121A

Sample ID: **ICV-220121** Batch ID: **R118949** TestNo: **SW8260D** Units: **mg/L**
SampType: **ICV** Run ID: **GCMS7_220121A** Analysis Date: **1/21/2022 10:33:00 AM** Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	0.0515	0.00100	0.0464	0	111	70	130			
cis-1,3-Dichloropropene	0.0522	0.00100	0.0464	0	113	70	130			
Cyclohexane	0.0526	0.0150	0.0464	0	113	70	130			N
Dibromochloromethane	0.0456	0.00100	0.0464	0	98.3	70	130			
Dibromomethane	0.0504	0.00100	0.0464	0	109	70	130			
Dichlorodifluoromethane	0.0599	0.00100	0.0464	0	129	70	130			
Ethylbenzene	0.0440	0.00100	0.0464	0	94.8	70	130			
Hexachlorobutadiene	0.0547	0.00300	0.0464	0	118	70	130			
Isopropylbenzene	0.0437	0.00100	0.0464	0	94.2	70	130			
m,p-Xylene	0.0879	0.00200	0.0928	0	94.7	70	130			
Methyl Acetate	0.0453	0.0150	0.0464	0	97.6	70	130			
Methyl tert-butyl ether	0.0462	0.00100	0.0464	0	99.5	70	130			
Methylcyclohexane	0.0540	0.0150	0.0464	0	116	70	130			
Methylene chloride	0.0545	0.00250	0.0464	0	117	70	130			
Naphthalene	0.0418	0.0150	0.0464	0	90.0	70	130			
n-Butylbenzene	0.0420	0.00100	0.0464	0	90.5	70	130			
n-Propylbenzene	0.0411	0.00100	0.0464	0	88.6	70	130			
o-Xylene	0.0446	0.00100	0.0464	0	96.1	70	130			
p-Isopropyltoluene	0.0420	0.00100	0.0464	0	90.5	70	130			
sec-Butylbenzene	0.0415	0.00100	0.0464	0	89.5	70	130			
Styrene	0.0442	0.00100	0.0464	0	95.2	70	130			
tert-Butylbenzene	0.0419	0.00100	0.0464	0	90.2	70	130			
Tetrachloroethene	0.0451	0.00200	0.0464	0	97.1	70	130			
Toluene	0.0510	0.00200	0.0464	0	110	70	130			
trans-1,2-Dichloroethene	0.0518	0.00100	0.0464	0	112	70	130			
trans-1,3-Dichloropropene	0.0512	0.00100	0.0464	0	110	70	130			
Trichloroethene	0.0518	0.00100	0.0464	0	112	70	130			
Trichlorofluoromethane	0.0523	0.00100	0.0464	0	113	70	130			
Vinyl chloride	0.0529	0.00100	0.0464	0	114	70	130			
Total Xylenes	0.133	0.00100	0.139	0	95.2	70	130			
Surr: 1,2-Dichloroethane-d4	180		200.0		90.0	72	119			
Surr: 4-Bromofluorobenzene	187		200.0		93.5	76	119			
Surr: Dibromofluoromethane	189		200.0		94.4	85	115			
Surr: Toluene-d8	170		200.0		85.1	81	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.

ANALYTICAL QC SUMMARY REPORT

Work Order: 2201148

Project: Dallas Brownfield-Fair Park Phase II ESA (Soil) **RunID: PMOIST_220124A**

The QC data in batch 103651 applies to the following samples: 2201148-02C, 2201148-03C, 2201148-04C, 2201148-05C, 2201148-06C, 2201148-07C, 2201148-08C, 2201148-09C, 2201148-10C, 2201148-11C, 2201148-12C

Sample ID: **2201148-08C-DUP** Batch ID: **103651** TestNo: **D2216** Units: **WT%**

SampType: **DUP** Run ID: **PMOIST_220124A** Analysis Date: **1/25/2022 9:56:00 AM** Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Percent Moisture	6.58	0	0	7.143				8.22	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.

ANALYTICAL QC SUMMARY REPORT

Work Order: 2201148

Project: Dallas Brownfield-Fair Park Phase II ESA (Soil) **RunID: PMOIST_220125A**

The QC data in batch 103673 applies to the following samples: 2201148-13C, 2201148-15C, 2201148-16C

Sample ID: **2201162-04C-DUP** Batch ID: **103673** TestNo: **D2216** Units: **WT%**

SampType: **DUP** Run ID: **PMOIST_220125A** Analysis Date: **1/26/2022 8:15:00 AM** Prep Date: **1/25/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Percent Moisture	2.66	0	0	2.514				5.54	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

MQL SUMMARY REPORT

TestNo: TX1005	MDL	MQL
Analyte	mg/Kg	mg/Kg
T/R Hydrocarbons: C6-C12	7.00	20.0
T/R Hydrocarbons: >C12-C28	7.00	20.0
T/R Hydrocarbons: >C28-C35	7.00	20.0
T/R Hydrocarbons: C6-C35	7.00	20.0

TestNo: TX1005	MDL	MQL
Analyte	mg/L	mg/L
T/R Hydrocarbons: C6-C12	0.700	2.00
T/R Hydrocarbons: >C12-C28	0.700	2.00
T/R Hydrocarbons: >C28-C35	0.700	2.00
T/R Hydrocarbons: C6-C35	0.700	2.00

TestNo: SW6020B	MDL	MQL
Analyte	mg/Kg	mg/Kg
Lead	0.100	0.300

TestNo: SW6020B	MDL	MQL
Analyte	mg/L	mg/L
Lead	0.000300	0.00100

TestNo: SW8260D	MDL	MQL
Analyte	mg/L	mg/L
1,1,1,2-Tetrachloroethane	0.000300	0.00100
1,1,1-Trichloroethane	0.000300	0.00100
1,1,2,2-Tetrachloroethane	0.000300	0.00100
1,1,2-Trichloroethane	0.000300	0.00100
1,1,2-Trichlorotrifluoroethane	0.00500	0.0150
1,1-Dichloroethane	0.000300	0.00100
1,1-Dichloroethene	0.000300	0.00100
1,1-Dichloropropene	0.000300	0.00100
1,2,3-Trichlorobenzene	0.00150	0.00500
1,2,3-Trichloropropane	0.000300	0.00100
1,2,4-Trichlorobenzene	0.00150	0.00500
1,2,4-Trimethylbenzene	0.00150	0.00500
1,2-Dibromo-3-chloropropane	0.00300	0.0100
1,2-Dibromoethane	0.000300	0.00100
1,2-Dichlorobenzene	0.000300	0.00100
1,2-Dichloroethane	0.000300	0.00100
1,2-Dichloropropane	0.000300	0.00100
1,3,5-Trimethylbenzene	0.00150	0.00500
1,3-Dichlorobenzene	0.000300	0.00100
1,3-Dichloropropane	0.000300	0.00100
1,4-Dichlorobenzene	0.000300	0.00100
1-Chlorohexane	0.00100	0.00500
2,2-Dichloropropane	0.000300	0.00100
2-Butanone	0.00500	0.0150
2-Chlorotoluene	0.000300	0.00100
2-Hexanone	0.00500	0.0150
4-Chlorotoluene	0.000300	0.00100
4-Methyl-2-pentanone	0.00500	0.0150
Acetone	0.00500	0.0150
Benzene	0.000300	0.00100
Bromobenzene	0.000300	0.00100
Bromochloromethane	0.000300	0.00100
Bromodichloromethane	0.000300	0.00100
Bromoform	0.000300	0.00100
Bromomethane	0.000300	0.00100
Carbon disulfide	0.00500	0.0150
Carbon tetrachloride	0.000300	0.00100
Chlorobenzene	0.000300	0.00100
Chloroethane	0.000300	0.00100
Chloroform	0.000300	0.00100
Chloromethane	0.000300	0.00100
cis-1,2-Dichloroethene	0.000300	0.00100
cis-1,3-Dichloropropene	0.000300	0.00100
Cyclohexane	0.00500	0.0150

Qualifiers: MQL -Method Quantitation Limit as defined by TRRP
MDL -Method Detection Limit as defined by TRRP

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201148
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

MQL SUMMARY REPORT

Dibromochloromethane	0.000300	0.00100
Dibromomethane	0.000300	0.00100
Dichlorodifluoromethane	0.000300	0.00100
Ethylbenzene	0.000300	0.00100
Hexachlorobutadiene	0.00100	0.00300
Isopropylbenzene	0.000300	0.00100
m,p-Xylene	0.000600	0.00200
Methyl Acetate	0.00500	0.0150
Methyl tert-butyl ether	0.000300	0.00100
Methylcyclohexane	0.00500	0.0150
Methylene chloride	0.00250	0.00250
Naphthalene	0.00500	0.0150
n-Butylbenzene	0.000300	0.00100
n-Propylbenzene	0.000300	0.00100
o-Xylene	0.000300	0.00100
p-Isopropyltoluene	0.000300	0.00100
sec-Butylbenzene	0.000300	0.00100
Styrene	0.000300	0.00100
tert-Butylbenzene	0.000300	0.00100
Tetrachloroethene	0.000600	0.00200
Toluene	0.000600	0.00200
trans-1,2-Dichloroethene	0.000300	0.00100
trans-1,3-Dichloropropene	0.000300	0.00100
Trichloroethene	0.000600	0.00100
Trichlorofluoromethane	0.000300	0.00100
Vinyl chloride	0.000300	0.00100
Total Xylenes	0.000300	0.00100

TestNo: SW8260D	**MDL**	**MQL**
Analyte	**mg/Kg**	**mg/Kg**
1,1,1,2-Tetrachloroethane	0.00100	0.00500
1,1,1-Trichloroethane	0.00100	0.00500
1,1,2,2-Tetrachloroethane	0.00100	0.00500
1,1,2-Trichloroethane	0.00100	0.00500
1,1,2-Trichlorotrifluoroethane	0.00500	0.0150
1,1-Dichloroethane	0.00100	0.00500
1,1-Dichloroethene	0.00100	0.00500
1,1-Dichloropropene	0.00100	0.00500
1,2,3-Trichlorobenzene	0.00100	0.00500
1,2,3-Trichloropropane	0.00100	0.00500
1,2,4-Trichlorobenzene	0.00100	0.00500
1,2,4-Trimethylbenzene	0.00100	0.00500
1,2-Dibromo-3-chloropropane	0.00100	0.00500
1,2-Dibromoethane	0.00100	0.00500
1,2-Dichlorobenzene	0.00100	0.00500
1,2-Dichloroethane	0.00100	0.00500
1,2-Dichloropropane	0.00100	0.00500
1,3,5-Trimethylbenzene	0.00100	0.00500
1,3-Dichlorobenzene	0.00100	0.00500
1,3-Dichloropropane	0.00100	0.00500
1,4-Dichlorobenzene	0.00100	0.00500
1-Chlorohexane	0.00100	0.00500
2,2-Dichloropropane	0.00100	0.00500
2-Butanone	0.00500	0.0150
2-Chlorotoluene	0.00100	0.00500
2-Hexanone	0.00500	0.0150
4-Chlorotoluene	0.00100	0.00500
4-Methyl-2-pentanone	0.00500	0.0150
Acetone	0.0150	0.0500
Benzene	0.00100	0.00500
Bromobenzene	0.00100	0.00500
Bromochloromethane	0.00100	0.00500
Bromodichloromethane	0.00100	0.00500
Bromoform	0.00100	0.00500
Bromomethane	0.00100	0.00500
Carbon disulfide	0.00500	0.0150
Carbon tetrachloride	0.00100	0.00500
Chlorobenzene	0.00100	0.00500
Chloroethane	0.00100	0.00500
Chloroform	0.00100	0.00500
Chloromethane	0.00100	0.00500
cis-1,2-Dichloroethene	0.00100	0.00500
cis-1,3-Dichloropropene	0.00100	0.00500
Cyclohexane	0.00500	0.0150
Dibromochloromethane	0.00100	0.00500
Dibromomethane	0.00100	0.00500

Qualifiers: MQL -Method Quantitation Limit as defined by TRRP
MDL -Method Detection Limit as defined by TRRP

Dichlorodifluoromethane	0.00100	0.00500
Ethylbenzene	0.00100	0.00500
Hexachlorobutadiene	0.00100	0.00500
Isopropylbenzene	0.00100	0.00500
m,p-Xylene	0.00100	0.00500
Methyl Acetate	0.00500	0.0150
Methyl tert-butyl ether	0.00100	0.00500
Methylcyclohexane	0.00500	0.0150
Methylene chloride	0.00500	0.00500
Naphthalene	0.00500	0.0150
n-Butylbenzene	0.00100	0.00500
n-Propylbenzene	0.00100	0.00500
o-Xylene	0.00100	0.00500
p-Isopropyltoluene	0.00100	0.00500
sec-Butylbenzene	0.00100	0.00500
Styrene	0.00100	0.00500
tert-Butylbenzene	0.00100	0.00500
Tetrachloroethene	0.00100	0.00500
Toluene	0.00100	0.00500
trans-1,2-Dichloroethene	0.00100	0.00500
trans-1,3-Dichloropropene	0.00100	0.00500
Trichloroethene	0.00100	0.00500
Trichlorofluoromethane	0.00500	0.0150
Vinyl chloride	0.00100	0.00500
Xylenes, Total	0.00100	0.00500

TestNo: SW8270E-LL	**MDL**	**MQL**
Analyte	**mg/L**	**mg/L**
Acenaphthene	0.0000250	0.0000500
Acenaphthylene	0.0000250	0.0000500
Anthracene	0.0000250	0.0000500
Benzo[a]anthracene	0.0000250	0.0000500
Benzo[a]pyrene	0.0000250	0.0000500
Benzo[b]fluoranthene	0.0000250	0.0000500
Benzo[g,h,i]perylene	0.0000250	0.0000500
Benzo[k]fluoranthene	0.0000250	0.0000500
Chrysene	0.0000250	0.0000500
Dibenz[a,h]anthracene	0.0000250	0.0000500
Fluoranthene	0.0000250	0.0000500
Fluorene	0.0000250	0.0000500
Indeno[1,2,3-cd]pyrene	0.0000250	0.0000500
Naphthalene	0.0000250	0.0000500
Phenanthrene	0.0000250	0.0000500
Pyrene	0.0000250	0.0000500

Qualifiers: MQL -Method Quantitation Limit as defined by TRRP
MDL -Method Detection Limit as defined by TRRP

January 28, 2022

Sarah Vonraesfeld
Stantec Consulting Services Inc.
1905 Aldrich Street #300
Austin, TX 78723-3544
TEL: (925) 627-4654
FAX

Order No.: 2201162

RE: Dallas Brownfield-Fair Park Phase II ESA (Soil)

Dear Sarah Vonraesfeld:

DHL Analytical, Inc. received 4 sample(s) on 1/21/2022 for the analyses presented in the following report.

There were no problems with the analyses and all data met requirements of NELAP except where noted in the Case Narrative. All non-NELAP methods will be identified accordingly in the case narrative and all estimated uncertainties of test results are within method or EPA specifications.

If you have any questions regarding these tests results, please feel free to call. Thank you for using DHL Analytical.

Sincerely,

John DuPont
General Manager

This report was performed under the accreditation of the State of Texas Laboratory Certification Number: T104704211-21-27

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DHL ANALYTICAL
2300 Double Creek Dr. Round Rock, TX 78664
Phone 512.388.8222
Web: **www.dhlanalytical.com**
Email: **login@dhlanalytical.com**

CHAIN-OF-CUSTODY

CLIENT: Stantec
ADDRESS: 1340 Treat Blvd. Suite 525 Walnut Creek, CA 94597
PHONE: 925-627-4654 EMAIL: sarah.vonraesfeld@stantec.com
DATA REPORTED TO: Sarah Von Raesfeld
ADDITIONAL REPORT COPIES TO:

PO#:

PROJECT LOCATION OR NAME: Dallas Brownfield - Fair Park Phase II ESA (Soil)
CLIENT PROJECT # 185751311

LABORATORY USE ONLY
DHL WORKORDER #: 2201162

COLLECTOR: K. Stewart

Authorize 5% surcharge for TRRP report? ☐ Yes ☐ No

Lab Use Only

W=WATER L=LIQUID S=SOIL SO=SOLID SE=SEDIMENT P=PAINT SL=SLUDGE

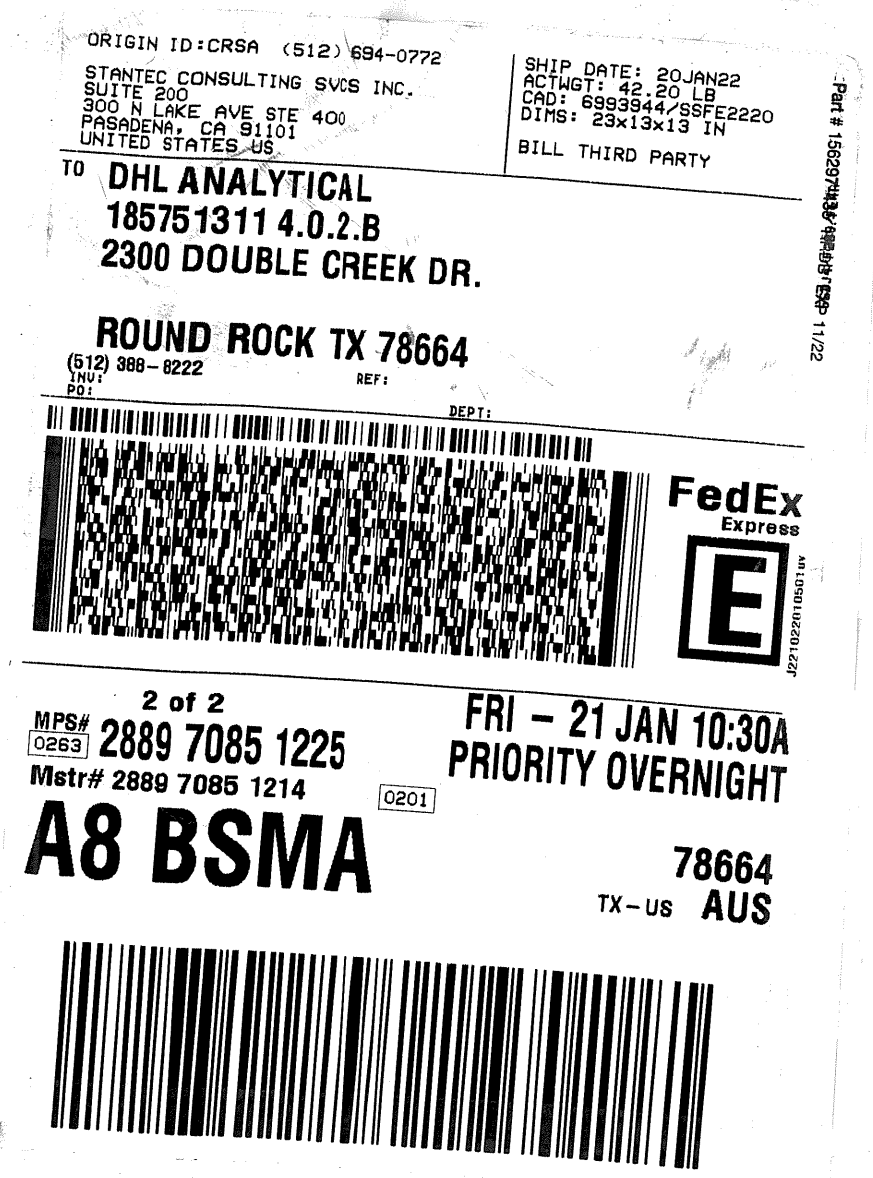
Field Sample I.D.	DHL Lab #	Collection Date	Collection Time	Matrix	Container Type	# of Containers	PRESERVATION: HCL	HNO_3	H_2SO_4	NaOH ☐ Zn Acetate ☐	ICE ☐ UNPRESERVED ☐	ANALYSES: BTEX ☐ MTBE ☐ [METHOD 8260]	TPH 1005 ☒ TPH 1006 ☐ HOLD 1006 ☒	GRO 8015 ☐ DRO 8015 ☐	VOC 8260 ☒ VOC 624.1 ☐	SVOC 8270 ☐ SVOC 625.1 ☐	PAH 8270 ☒ HOLD PAH ☐	PEST 8270 ☐ 625.1 ☐ O-P PEST 8270 ☐	PCB 8082 ☐ 608.3 ☐ PCB 8270 ☐ 625.1 ☐	HERB 8321 ☐ T PHOS ☐ AMMONIA ☐	METALS 6020 ☒ 200.8 ☐ DISS. METALS ☐	RCRA 8 ☐ TX11 ☐ ____ Pb ____	pH ☐ HEX CHROM ☐ ALKALINITY ☐ COD ☐	ANIONS 300 ☐ 9056 ☐ ____	TCLP-SVOC ☐ VOC ☐ PEST ☐ HERB ☐	TCLP-METALS ☐ RCRA 8 ☐ TX-11 ☐ Pb ☐	RCI ☐ IGN ☐ DGAS ☐ OIL&GREASE ☐	TDS ☐ TSS ☐ % MOIST ☐ CYANIDE ☐	FIELD NOTES
EB-012022	01	1-20-22	0900	W		13	X	X					X		X		X				* X								* Lead only 6010C
B26(3-4)SO	02	1-20-22	1015	S		7							X		X		H				X								
B26(9-10)SO	03	1-20-22	1045	S		7							X		X		H				X								
B26(14-15)SO	04	1-20-22	1050	S		7							X		X		H				X								

Relinquished By: (Sign)	DATE/TIME	Received by:
Stantec	1-20-22 1520	FedEx
FedEx	1/21/22 0924	
	DATE/TIME	Received by:

TURN AROUND TIME (CALL FIRST FOR RUSH)
RUSH-1 DAY☐ RUSH-2 DAY☐ RUSH-3 DAY☐
NORMAL ☐ OTHER ☐
DUE DATE _____ ☐

LABORATORY USE ONLY
RECEIVING TEMP (°C): 2.2°C/1.3°C THERM #: 78
CUSTODY SEALS: ☐ BROKEN ☒ INTACT ☐ NOT USED
CARRIER: ☐ LSO ☒ FEDEX ☐ UPS ☐ COURIER ☐ OTHER ☐ HAND DELIVERED

☐ DHL DISPOSAL @ 5.00 each ☐ Return



ORIGIN ID:CRSA (512) 694-0772
STANTEC CONSULTING SVCS INC.
SUITE 200
300 N LAKE AVE STE 400
PASADENA, CA 91101
UNITED STATES US

SHIP DATE: 20JAN22
ACTWGT: 42.20 LB
CAD: 6993944/SSFE2220
DIMS: 23x13x13 IN
BILL THIRD PARTY

TO DHL ANALYTICAL
185751311 4.0.2.B
2300 DOUBLE CREEK DR.

ROUND ROCK TX 78664
(512) 388-8222
INV:
PO:
REF:
DEPT:

FedEx Express

2 of 2
MPS# 0263 2889 7085 1225
Mstr# 2889 7085 1214

FRI - 21 JAN 10:30A
PRIORITY OVERNIGHT

0201

A8 BSMA

78664
TX-US AUS

Part # 156207-1138 REV 11/22

CUSTODY SEAL
DATE 1-20-22
SIGNATURE

DHL ANALYTICAL

DHL Analytical, Inc.

Sample Receipt Checklist

Client Name **Stantec Constulting Services Inc.** Date Received: 1/21/2022

Work Order Number **2201162** Received by: **RA**

Checklist completed by: _____ 1/21/2022 Reviewed by (PB) 1/21/2022
Signature | Date | Initials | Date

Carrier name: FedEx 1day

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	2.2 °C /1.3°C
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH<2 acceptable upon receipt?	Yes ☑	No ☐	NA ☐ LOT # 13171
	Adjusted? No		Checked by EL
Water - ph>9 (S) or ph>10 (CN) acceptable upon receipt?	Yes ☐	No ☐	NA ☑ LOT #
	Adjusted?		Checked by

Any No response must be detailed in the comments section below.

Client contacted: _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action: _____

Laboratory Name: DHL Analytical, Inc.

Laboratory Review Checklist: Reportable Data

Project Name: Dallas Brownfield-Fair Park Phase II ESA (Soil)	**LRC Date:** 1/28/22
Reviewer Name: Carlos Castro	**Laboratory Work Order:** 2201162
Prep Batch Number(s): See Prep Dates Report	**Run Batch:** See Analytical Dates Report

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-Custody (C-O-C)					
R1	OI	**1)** Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	**X**				**R1-01**
		2) Were all departures from standard conditions described in an exception report?			**X**		
R2	OI	**Sample and Quality Control (QC) Identification**					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	**X**				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	**X**				
R3	OI	**Test Reports**					
		1) Were all samples prepared and analyzed within holding times?	**X**				
		2) Other than those results < MQL, were all other raw values bracketed by calibration standards?	**X**				
		3) Were calculations checked by a peer or supervisor?	**X**				
		4) Were all analyte identifications checked by a peer or supervisor?	**X**				
		5) Were sample detection limits reported for all analytes not detected?	**X**				
		6) Were all results for soil and sediment samples reported on a dry weight basis?	**X**				
		7) Were % moisture (or solids) reported for all soil and sediment samples?	**X**				
		8) Were bulk soils/solids samples for volatile analysis extracted with methanol per EPA Method 5035?	**X**				
		9) If required for the project, TICs reported?			**X**		
R4	O	**Surrogate Recovery Data**					
		1) Were surrogates added prior to extraction?	**X**				
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?	**X**				
R5	OI	**Test Reports/Summary Forms for Blank Samples**					
		1) Were appropriate type(s) of blanks analyzed?	**X**				
		2) Were blanks analyzed at the appropriate frequency?	**X**				
		3) Where method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	**X**				
		4) Were blank concentrations < MDL?	**X**				
		5) For analyte(s) detected in a blank sample, was the concentration, unadjusted for sample specific factors, in all associated field samples, **greater** than 10 times the concentration in the blank sample?			**X**		
R6	OI	**Laboratory Control Samples (LCS):**					
		1) Were all COCs included in the LCS?	**X**				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	**X**				
		3) Were LCSs analyzed at the required frequency?	**X**				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?		**X**			**R6-04**
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	**X**				
		6) Was the LCSD RPD within QC limits (if applicable)?	**X**				
R7	OI	**Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Data**					
		1) Were the project/method specified analytes included in the MS and MSD?	**X**				
		2) Were MS/MSD analyzed at the appropriate frequency?	**X**				
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	**X**				
		4) Were MS/MSD RPDs within laboratory QC limits?	**X**				
R8	OI	**Analytical Duplicate Data**					
		1) Were appropriate analytical duplicates analyzed for each matrix?	**X**				
		2) Were analytical duplicates analyzed at the appropriate frequency?	**X**				
		3) Were RPDs or relative standard deviations within the laboratory QC limits?	**X**				
R9	OI	**Method Quantitation Limits (MQLs):**					
		1) Are the MQLs for each method analyte included in the laboratory data package?	**X**				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	**X**				
		3) Are unadjusted MQLs and DCSs included in the laboratory data package?	**X**				
R10	OI	**Other Problems/Anomalies**					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	**X**				**R10-01**
		2) Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	**X**				
		3) Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	**X**				

Laboratory Name: DHL Analytical, Inc.

Laboratory Review Checklist (continued): Supporting Data

Project Name: Dallas Brownfield-Fair Park Phase II ESA (Soil)	**LRC Date:** 1/28/22
Reviewer Name: Carlos Castro	**Laboratory Work Order:** 2201162
Prep Batch Number(s): See Prep Dates Report	**Run Batch:** See Analytical Dates Report

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial Calibration (ICAL)**					
		1) Were response factors and/or relative response factors for each analyte within QC limits?	X				
		2) Were percent RSDs or correlation coefficient criteria met?	X				
		3) Was the number of standards recommended in the method used for all analytes?	X				
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		5) Are ICAL data available for all instruments used?	X				
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and Continuing calibration Verification (ICCV and CCV) and Continuing Calibration blank (CCB):**					
		1) Was the CCV analyzed at the method-required frequency?	X				
		2) Were percent differences for each analyte within the method-required QC limits?		X			**S2-02**
		3) Was the ICAL curve verified for each analyte?	X				
		4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass Spectral Tuning:**					
		1) Was the appropriate compound for the method used for tuning?	X				
		2) Were ion abundance data within the method-required QC limits?	X				
S4	O	**Internal Standards (IS):**					
		1) Were IS area counts and retention times within the method-required QC limits?	X				
S5	OI	**Raw Data (NELAC Section 5.5.10)**					
		1) Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		2) Were data associated with manual integrations flagged on the raw data?	X				
S6	O	**Dual Column Confirmation**					
		1) Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively Identified Compounds (TICs):**					
		1) If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) Results:**					
		1) Were percent recoveries within method QC limits?	X				
S9	I	**Serial Dilutions, Post Digestion Spikes, and Method of Standard Additions**					
		1) Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	X				
S10	OI	**Method Detection Limit (MDL) Studies**					
		1) Was a MDL study performed for each reported analyte?	X				
		2) Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency Test Reports:**					
		1) Was the lab's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards Documentation**					
		1) Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/Analyte Identification Procedures**					
		1) Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of Analyst Competency (DOC)**					
		1) Was DOC conducted consistent with NELAC Chapter 5 – Appendix C?	X				
		2) Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/Validation Documentation for Methods** (NELAC Chapter 5)					
		1) Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory Standard Operating Procedures (SOPs):**					
		1) Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Data Package Signature Page – RG-366/TRRP-13

This data package consists of:

This signature page, the laboratory review checklist, and the following reportable data:

R1 Field chain-of-custody documentation;
R2 Sample identification cross-reference;
R3 Test reports (analytical data sheets) for each environmental sample that includes:
  a) Items consistent with NELAC Chapter 5,
  b) dilution factors,
  c) preparation methods,
  d) cleanup methods, and
  e) if required for the project, tentatively identified compounds (TICs).
R4 Surrogate recovery data including:
  a) Calculated recovery (%R), and
  b) The laboratory's surrogate QC limits.
R5 Test reports/summary forms for blank samples;
R6 Test reports/summary forms for laboratory control samples (LCSs) including:
  a) LCS spiking amounts,
  b) Calculated %R for each analyte, and
  c) The laboratory's LCS QC limits.
R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
  a) Samples associated with the MS/MSD clearly identified,
  b) MS/MSD spiking amounts,
  c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
  d) Calculated %Rs and relative percent differences (RPDs), and
  e) The laboratory's MS/MSD QC limits
R8 Laboratory analytical duplicate (if applicable) recovery and precision:
  a) The amount of analyte measured in the duplicate,
  b) The calculated RPD, and
  c) The laboratory's QC limits for analytical duplicates.
R9 List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix;
R10 Other problems or anomalies.

The Exception Report for each "No" or "Not Reviewed (NR)" item in the Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory is not accredited under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information or data affecting the quality of the data has been knowingly withheld.

This laboratory was last inspected by TCEQ on February 23-26 2021. Any findings affecting the data in this laboratory data package are noted in the Exception Reports herein. The official signing the cover page of the report in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

Name: John DuPont
Official Title: General Manager



Signature

01/28/22
Date

Name: Dr. Derhsing Luu
Official Title: Technical Director

Samples were analyzed using the methods outlined in the following references:

Method SW6020B - Metals Analysis (soil & water)
Method SW8270E-LL - PAH Analysis
Method SW8260D - Volatiles Analysis (soil & water) (the compound Cyclohexane is not NELAP certified)
Method TX1005 - Total Petroleum Hydrocarbons Analysis (soil & water)
Method D2216 - Percent Moisture Analysis

Exception Report R1-01

The samples were received and log-in performed on 1/21/22. A total of 4 samples were received. No further analyses were required as per the client. The samples arrived in good condition and were properly packaged.

Exception Report R6-04

For PAH analysis performed on 1/25/22 the LCS and LCSD recoveries were slightly above control limits for Benzo[a]anthracene. These are flagged accordingly in the QC summary report. The associated sample (EB-012022) was below detection limits for this compound. No further corrective actions were taken.

Exception Report R10-01

Per project specification, MS/MSDs are from workorder or project samples only.

For TPH analysis an MS/MSD was not performed due to insufficient sample volume. An LCS/LCSD was performed instead.

For PAH analysis an MS/MSD was not performed due to insufficient sample volume. An LCS/LCSD was performed instead.

Exception Report S2-02

For Volatiles analysis performed on 1/21/22 the recoveries of two compounds for the Initial Calibration Verification (ICV-220121) were slightly below the method control limits specified in SW8260D (70-130% recovery). These are flagged accordingly in the QC summary report. The number of target analytes outside of the method control limits for the ICV are less than 20% of the total number of compounds being reported; this is allowed in SW8260D specifications. These compounds were within

control limits in the associated LCS. No further corrective actions were taken.

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT: Stantec Consulting Services Inc.
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)
Lab Order: 2201162

Work Order Sample Summary

Lab Smp ID	Client Sample ID	Tag Number	Date Collected	Date Recved
2201162-01	EB-012022		01/20/22 09:00 AM	1/21/2022
2201162-02	B26(3-4)SO		01/20/22 10:15 AM	1/21/2022
2201162-03	B26(9-10)SO		01/20/22 10:45 AM	1/21/2022
2201162-04	B26(14-15)SO		01/20/22 10:50 AM	1/21/2022

Lab Order: 2201162
Client: Stantec Consulting Services Inc.
Project: Dallas Brownfield-Fair Park Phase

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
2201162-01A	EB-012022	01/20/22 09:00 AM	Equip Blank	SW5030C	Purge and Trap Water GC/MS	01/24/22 12:29 PM	103641
2201162-01B	EB-012022	01/20/22 09:00 AM	Equip Blank	TX1005	TX1005 Water Prep	01/28/22 10:00 AM	103731
2201162-01C	EB-012022	01/20/22 09:00 AM	Equip Blank	SW3005A	Aq Prep Metals : ICP-MS	01/24/22 09:44 AM	103636
2201162-01D	EB-012022	01/20/22 09:00 AM	Equip Blank	SW3510C	Aq Prep Sep Funnel: PAH	01/25/22 08:14 AM	103653
2201162-02A	B26(3-4)SO	01/20/22 10:15 AM	Soil	SW5035A	Purge and Trap 5035	01/21/22 01:57 PM	103623
2201162-02B	B26(3-4)SO	01/20/22 10:15 AM	Soil	TX1005	TX1005 Soil Prep	01/24/22 01:54 PM	103646
2201162-02C	B26(3-4)SO	01/20/22 10:15 AM	Soil	D2216	Moisture Preparation	01/25/22 02:53 PM	103673
	B26(3-4)SO	01/20/22 10:15 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/24/22 09:48 AM	103639
2201162-03A	B26(9-10)SO	01/20/22 10:45 AM	Soil	SW5035A	Purge and Trap 5035	01/21/22 01:57 PM	103623
2201162-03B	B26(9-10)SO	01/20/22 10:45 AM	Soil	TX1005	TX1005 Soil Prep	01/24/22 01:54 PM	103646
2201162-03C	B26(9-10)SO	01/20/22 10:45 AM	Soil	D2216	Moisture Preparation	01/25/22 02:53 PM	103673
	B26(9-10)SO	01/20/22 10:45 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/24/22 09:48 AM	103639
2201162-04A	B26(14-15)SO	01/20/22 10:50 AM	Soil	SW5035A	Purge and Trap 5035	01/21/22 01:57 PM	103623
2201162-04B	B26(14-15)SO	01/20/22 10:50 AM	Soil	TX1005	TX1005 Soil Prep	01/24/22 01:54 PM	103646
2201162-04C	B26(14-15)SO	01/20/22 10:50 AM	Soil	D2216	Moisture Preparation	01/25/22 02:53 PM	103673
	B26(14-15)SO	01/20/22 10:50 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/24/22 09:48 AM	103639

Lab Order: 2201162
Client: Stantec Consulting Services Inc.
Project: Dallas Brownfield-Fair Park Phase

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
2201162-01A	EB-012022	Equip Blank	SW8260D	8260 Water Volatiles by GC/MS	103641	1	01/24/22 03:59 PM	GCMS7_220124A
2201162-01B	EB-012022	Equip Blank	TX1005	Tx1005 TPH Water	103731	1	01/28/22 11:46 AM	GC12_220128A
2201162-01C	EB-012022	Equip Blank	SW6020B	Trace Metals: ICP-MS - Water	103636	1	01/25/22 01:17 PM	ICP-MS5_220125B
2201162-01D	EB-012022	Equip Blank	SW8270E-LL	PAHs: GC/MS	103653	1	01/25/22 06:43 PM	GCMS6_220125B
2201162-02A	B26(3-4)SO	Soil	SW8260D	Volatiles by 8260/5035 GC/MS	103623	1	01/21/22 06:31 PM	GCMS2_220121A
2201162-02B	B26(3-4)SO	Soil	TX1005	Tx1005 TPH Soil	103646	1	01/25/22 12:49 PM	GC12_220125A
2201162-02C	B26(3-4)SO	Soil	D2216	Percent Moisture	103673	1	01/26/22 08:15 AM	PMOIST_220125A
	B26(3-4)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103639	5	01/25/22 12:35 PM	ICP-MS5_220125A
2201162-03A	B26(9-10)SO	Soil	SW8260D	Volatiles by 8260/5035 GC/MS	103623	1	01/21/22 06:59 PM	GCMS2_220121A
2201162-03B	B26(9-10)SO	Soil	TX1005	Tx1005 TPH Soil	103646	1	01/25/22 12:58 PM	GC12_220125A
2201162-03C	B26(9-10)SO	Soil	D2216	Percent Moisture	103673	1	01/26/22 08:15 AM	PMOIST_220125A
	B26(9-10)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103639	5	01/25/22 12:38 PM	ICP-MS5_220125A
2201162-04A	B26(14-15)SO	Soil	SW8260D	Volatiles by 8260/5035 GC/MS	103623	1	01/21/22 07:27 PM	GCMS2_220121A
2201162-04B	B26(14-15)SO	Soil	TX1005	Tx1005 TPH Soil	103646	1	01/25/22 01:07 PM	GC12_220125A
2201162-04C	B26(14-15)SO	Soil	D2216	Percent Moisture	103673	1	01/26/22 08:15 AM	PMOIST_220125A
	B26(14-15)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103639	5	01/25/22 12:40 PM	ICP-MS5_220125A

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	EB-012022
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201162-01
Project No:	185751311	**Collection Date:**	01/20/22 09:00 AM
Lab Order:	2201162	**Matrix:**	EQUIP BLANK

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TX1005 TPH WATER		**TX1005**					Analyst: **BTJ**
T/R Hydrocarbons: C6-C12	<0.692	0.692	1.98		mg/L	1	01/28/22 11:46 AM
T/R Hydrocarbons: >C12-C28	<0.692	0.692	1.98		mg/L	1	01/28/22 11:46 AM
T/R Hydrocarbons: >C28-C35	<0.692	0.692	1.98		mg/L	1	01/28/22 11:46 AM
T/R Hydrocarbons: C6-C35	<0.692	0.692	1.98		mg/L	1	01/28/22 11:46 AM
Surr: Isopropylbenzene	75.7	0	70-130		%REC	1	01/28/22 11:46 AM
Surr: Octacosane	90.0	0	70-130		%REC	1	01/28/22 11:46 AM
TRACE METALS: ICP-MS - WATER		**SW6020B**					Analyst: **SP**
Lead	0.000523	0.000300	0.00100	J	mg/L	1	01/25/22 01:17 PM
PAHS: GC/MS		**SW8270E-LL**					Analyst: **DEW**
Acenaphthene	<0.0000491	0.0000491	0.0000981		mg/L	1	01/25/22 06:43 PM
Acenaphthylene	<0.0000491	0.0000491	0.0000981		mg/L	1	01/25/22 06:43 PM
Anthracene	<0.0000491	0.0000491	0.0000981		mg/L	1	01/25/22 06:43 PM
Benzo[a]anthracene	<0.0000491	0.0000491	0.0000981		mg/L	1	01/25/22 06:43 PM
Benzo[a]pyrene	<0.0000491	0.0000491	0.0000981		mg/L	1	01/25/22 06:43 PM
Benzo[b]fluoranthene	<0.0000491	0.0000491	0.0000981		mg/L	1	01/25/22 06:43 PM
Benzo[g,h,i]perylene	<0.0000491	0.0000491	0.0000981		mg/L	1	01/25/22 06:43 PM
Benzo[k]fluoranthene	<0.0000491	0.0000491	0.0000981		mg/L	1	01/25/22 06:43 PM
Chrysene	<0.0000491	0.0000491	0.0000981		mg/L	1	01/25/22 06:43 PM
Dibenz[a,h]anthracene	<0.0000491	0.0000491	0.0000981		mg/L	1	01/25/22 06:43 PM
Fluoranthene	<0.0000491	0.0000491	0.0000981		mg/L	1	01/25/22 06:43 PM
Fluorene	<0.0000491	0.0000491	0.0000981		mg/L	1	01/25/22 06:43 PM
Indeno[1,2,3-cd]pyrene	<0.0000491	0.0000491	0.0000981		mg/L	1	01/25/22 06:43 PM
Naphthalene	<0.0000491	0.0000491	0.0000981		mg/L	1	01/25/22 06:43 PM
Phenanthrene	<0.0000491	0.0000491	0.0000981		mg/L	1	01/25/22 06:43 PM
Pyrene	<0.0000491	0.0000491	0.0000981		mg/L	1	01/25/22 06:43 PM
Surr: 2-Fluorobiphenyl	69.2	0	48-120		%REC	1	01/25/22 06:43 PM
Surr: 4-Terphenyl-d14	64.8	0	51-135		%REC	1	01/25/22 06:43 PM
8260 WATER VOLATILES BY GC/MS		**SW8260D**					Analyst: **SNM**
1,1,1,2-Tetrachloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
1,1,1-Trichloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
1,1,2,2-Tetrachloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
1,1,2-Trichloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	01/24/22 03:59 PM
1,1-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
1,1-Dichloroethene	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
1,1-Dichloropropene	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
1,2,3-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	01/24/22 03:59 PM

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DF- Dilution Factor
N - Parameter not NELAP certified
See Final Page of Report for MQLs and MDLs
S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	EB-012022
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201162-01
Project No:	185751311	**Collection Date:**	01/20/22 09:00 AM
Lab Order:	2201162	**Matrix:**	EQUIP BLANK

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
8260 WATER VOLATILES BY GC/MS		**SW8260D**					Analyst: **SNM**
1,2,3-Trichloropropane	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	01/24/22 03:59 PM
1,2,4-Trimethylbenzene	<0.00150	0.00150	0.00500		mg/L	1	01/24/22 03:59 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	01/24/22 03:59 PM
1,2-Dibromoethane	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
1,2-Dichloropropane	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
1,3,5-Trimethylbenzene	<0.00150	0.00150	0.00500		mg/L	1	01/24/22 03:59 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
1,3-Dichloropropane	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
1-Chlorohexane	<0.00100	0.00100	0.00500		mg/L	1	01/24/22 03:59 PM
2,2-Dichloropropane	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	01/24/22 03:59 PM
2-Chlorotoluene	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	01/24/22 03:59 PM
4-Chlorotoluene	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	01/24/22 03:59 PM
Acetone	<0.00500	0.00500	0.0150		mg/L	1	01/24/22 03:59 PM
Benzene	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
Bromobenzene	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
Bromochloromethane	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
Bromodichloromethane	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
Bromoform	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	01/24/22 03:59 PM
Carbon tetrachloride	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
Chlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
cis-1,2-Dichloroethene	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
cis-1,3-Dichloropropene	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	01/24/22 03:59 PM
Dibromochloromethane	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
Dibromomethane	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
Dichlorodifluoromethane	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM

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RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	EB-012022
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201162-01
Project No:	185751311	**Collection Date:**	01/20/22 09:00 AM
Lab Order:	2201162	**Matrix:**	EQUIP BLANK

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
8260 WATER VOLATILES BY GC/MS		**SW8260D**					Analyst: **SNM**
Hexachlorobutadiene	<0.00100	0.00100	0.00300		mg/L	1	01/24/22 03:59 PM
Isopropylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	01/24/22 03:59 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	01/24/22 03:59 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	01/24/22 03:59 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	01/24/22 03:59 PM
Naphthalene	<0.00500	0.00500	0.0150		mg/L	1	01/24/22 03:59 PM
n-Butylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
n-Propylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
p-Isopropyltoluene	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
sec-Butylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
Styrene	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
tert-Butylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	01/24/22 03:59 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	01/24/22 03:59 PM
trans-1,2-Dichloroethene	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
trans-1,3-Dichloropropene	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
Trichloroethene	<0.000600	0.000600	0.00100		mg/L	1	01/24/22 03:59 PM
Trichlorofluoromethane	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
Vinyl chloride	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
Total Xylenes	<0.000300	0.000300	0.00100		mg/L	1	01/24/22 03:59 PM
Surr: 1,2-Dichloroethane-d4	91.3	0	72-119		%REC	1	01/24/22 03:59 PM
Surr: 4-Bromofluorobenzene	93.5	0	76-119		%REC	1	01/24/22 03:59 PM
Surr: Dibromofluoromethane	99.5	0	85-115		%REC	1	01/24/22 03:59 PM
Surr: Toluene-d8	82.3	0	81-120		%REC	1	01/24/22 03:59 PM

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S - Spike Recovery outside control limits
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RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B26(3-4)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201162-02
Project No:	185751311	**Collection Date:**	01/20/22 10:15 AM
Lab Order:	2201162	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TX1005 TPH SOIL		**TX1005**					Analyst: **BTJ**
T/R Hydrocarbons: C6-C12	<15.0	15.0	42.9		mg/Kg-dry	1	01/25/22 12:49 PM
T/R Hydrocarbons: >C12-C28	<15.0	15.0	42.9		mg/Kg-dry	1	01/25/22 12:49 PM
T/R Hydrocarbons: >C28-C35	<15.0	15.0	42.9		mg/Kg-dry	1	01/25/22 12:49 PM
T/R Hydrocarbons: C6-C35	<15.0	15.0	42.9		mg/Kg-dry	1	01/25/22 12:49 PM
Surr: Isopropylbenzene	81.6	0	70-130		%REC	1	01/25/22 12:49 PM
Surr: Octacosane	99.8	0	70-130		%REC	1	01/25/22 12:49 PM
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	5.26	0.100	0.300		mg/Kg-dry	5	01/25/22 12:35 PM
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
1,1,1,2-Tetrachloroethane	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
1,1,1-Trichloroethane	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
1,1,2,2-Tetrachloroethane	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
1,1,2-Trichloroethane	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
1,1,2-Trichlorotrifluoroethane	<0.00536	0.00536	0.0161		mg/Kg-dry	1	01/21/22 06:31 PM
1,1-Dichloroethane	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
1,1-Dichloroethene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
1,1-Dichloropropene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
1,2,3-Trichlorobenzene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
1,2,3-Trichloropropane	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
1,2,4-Trichlorobenzene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
1,2,4-Trimethylbenzene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
1,2-Dibromo-3-chloropropane	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
1,2-Dibromoethane	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
1,2-Dichlorobenzene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
1,2-Dichloroethane	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
1,2-Dichloropropane	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
1,3,5-Trimethylbenzene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
1,3-Dichlorobenzene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
1,3-Dichloropropane	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
1,4-Dichlorobenzene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
1-Chlorohexane	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
2,2-Dichloropropane	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
2-Butanone	<0.00536	0.00536	0.0161		mg/Kg-dry	1	01/21/22 06:31 PM
2-Chlorotoluene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
2-Hexanone	<0.00536	0.00536	0.0161		mg/Kg-dry	1	01/21/22 06:31 PM
4-Chlorotoluene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
4-Methyl-2-pentanone	<0.00536	0.00536	0.0161		mg/Kg-dry	1	01/21/22 06:31 PM
Acetone	<0.0161	0.0161	0.0536		mg/Kg-dry	1	01/21/22 06:31 PM

Qualifiers:

ND - Not Detected at the SDL
J - Analyte detected between SDL and RL
B - Analyte detected in the associated Method Blank
DF- Dilution Factor
N - Parameter not NELAP certified
See Final Page of Report for MQLs and MDLs
S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B26(3-4)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201162-02
Project No:	185751311	**Collection Date:**	01/20/22 10:15 AM
Lab Order:	2201162	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Benzene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
Bromobenzene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
Bromochloromethane	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
Bromodichloromethane	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
Bromoform	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
Bromomethane	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
Carbon disulfide	<0.00536	0.00536	0.0161		mg/Kg-dry	1	01/21/22 06:31 PM
Carbon tetrachloride	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
Chlorobenzene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
Chloroethane	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
Chloroform	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
Chloromethane	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
cis-1,2-Dichloroethene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
cis-1,3-Dichloropropene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
Cyclohexane	<0.00536	0.00536	0.0161	N	mg/Kg-dry	1	01/21/22 06:31 PM
Dibromochloromethane	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
Dibromomethane	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
Dichlorodifluoromethane	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
Ethylbenzene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
Hexachlorobutadiene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
Isopropylbenzene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
m,p-Xylene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
Methyl Acetate	<0.00536	0.00536	0.0161		mg/Kg-dry	1	01/21/22 06:31 PM
Methyl tert-butyl ether	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
Methylcyclohexane	<0.00536	0.00536	0.0161		mg/Kg-dry	1	01/21/22 06:31 PM
Methylene chloride	<0.00536	0.00536	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
Naphthalene	<0.00536	0.00536	0.0161		mg/Kg-dry	1	01/21/22 06:31 PM
n-Butylbenzene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
n-Propylbenzene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
o-Xylene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
p-Isopropyltoluene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
sec-Butylbenzene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
Styrene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
tert-Butylbenzene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
Tetrachloroethene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
Toluene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
trans-1,2-Dichloroethene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
trans-1,3-Dichloropropene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
Trichloroethene	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM

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RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B26(3-4)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201162-02
Project No:	185751311	**Collection Date:**	01/20/22 10:15 AM
Lab Order:	2201162	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Trichlorofluoromethane	<0.00536	0.00536	0.0161		mg/Kg-dry	1	01/21/22 06:31 PM
Vinyl chloride	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
Xylenes, Total	<0.00107	0.00107	0.00536		mg/Kg-dry	1	01/21/22 06:31 PM
Surr: 1,2-Dichloroethane-d4	103	0	52-149		%REC	1	01/21/22 06:31 PM
Surr: 4-Bromofluorobenzene	102	0	84-118		%REC	1	01/21/22 06:31 PM
Surr: Dibromofluoromethane	99.6	0	65-135		%REC	1	01/21/22 06:31 PM
Surr: Toluene-d8	93.5	0	84-116		%REC	1	01/21/22 06:31 PM
PERCENT MOISTURE		**D2216**					Analyst: **BTJ**
Percent Moisture	9.08	0	0		WT%	1	01/26/22 08:15 AM

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DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B26(9-10)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201162-03
Project No:	185751311	**Collection Date:**	01/20/22 10:45 AM
Lab Order:	2201162	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TX1005 TPH SOIL		**TX1005**					Analyst: **BTJ**
T/R Hydrocarbons: C6-C12	<14.2	14.2	40.6		mg/Kg-dry	1	01/25/22 12:58 PM
T/R Hydrocarbons: >C12-C28	<14.2	14.2	40.6		mg/Kg-dry	1	01/25/22 12:58 PM
T/R Hydrocarbons: >C28-C35	<14.2	14.2	40.6		mg/Kg-dry	1	01/25/22 12:58 PM
T/R Hydrocarbons: C6-C35	<14.2	14.2	40.6		mg/Kg-dry	1	01/25/22 12:58 PM
Surr: Isopropylbenzene	82.8	0	70-130		%REC	1	01/25/22 12:58 PM
Surr: Octacosane	100	0	70-130		%REC	1	01/25/22 12:58 PM
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	2.72	0.0906	0.272		mg/Kg-dry	5	01/25/22 12:38 PM
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
1,1,1,2-Tetrachloroethane	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
1,1,1-Trichloroethane	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
1,1,2,2-Tetrachloroethane	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
1,1,2-Trichloroethane	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
1,1,2-Trichlorotrifluoroethane	<0.00535	0.00535	0.0161		mg/Kg-dry	1	01/21/22 06:59 PM
1,1-Dichloroethane	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
1,1-Dichloroethene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
1,1-Dichloropropene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
1,2,3-Trichlorobenzene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
1,2,3-Trichloropropane	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
1,2,4-Trichlorobenzene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
1,2,4-Trimethylbenzene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
1,2-Dibromo-3-chloropropane	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
1,2-Dibromoethane	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
1,2-Dichlorobenzene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
1,2-Dichloroethane	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
1,2-Dichloropropane	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
1,3,5-Trimethylbenzene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
1,3-Dichlorobenzene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
1,3-Dichloropropane	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
1,4-Dichlorobenzene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
1-Chlorohexane	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
2,2-Dichloropropane	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
2-Butanone	<0.00535	0.00535	0.0161		mg/Kg-dry	1	01/21/22 06:59 PM
2-Chlorotoluene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
2-Hexanone	<0.00535	0.00535	0.0161		mg/Kg-dry	1	01/21/22 06:59 PM
4-Chlorotoluene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
4-Methyl-2-pentanone	<0.00535	0.00535	0.0161		mg/Kg-dry	1	01/21/22 06:59 PM
Acetone	<0.0161	0.0161	0.0535		mg/Kg-dry	1	01/21/22 06:59 PM

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DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B26(9-10)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201162-03
Project No:	185751311	**Collection Date:**	01/20/22 10:45 AM
Lab Order:	2201162	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Benzene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
Bromobenzene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
Bromochloromethane	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
Bromodichloromethane	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
Bromoform	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
Bromomethane	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
Carbon disulfide	<0.00535	0.00535	0.0161		mg/Kg-dry	1	01/21/22 06:59 PM
Carbon tetrachloride	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
Chlorobenzene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
Chloroethane	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
Chloroform	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
Chloromethane	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
cis-1,2-Dichloroethene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
cis-1,3-Dichloropropene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
Cyclohexane	<0.00535	0.00535	0.0161	N	mg/Kg-dry	1	01/21/22 06:59 PM
Dibromochloromethane	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
Dibromomethane	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
Dichlorodifluoromethane	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
Ethylbenzene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
Hexachlorobutadiene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
Isopropylbenzene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
m,p-Xylene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
Methyl Acetate	<0.00535	0.00535	0.0161		mg/Kg-dry	1	01/21/22 06:59 PM
Methyl tert-butyl ether	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
Methylcyclohexane	<0.00535	0.00535	0.0161		mg/Kg-dry	1	01/21/22 06:59 PM
Methylene chloride	<0.00535	0.00535	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
Naphthalene	<0.00535	0.00535	0.0161		mg/Kg-dry	1	01/21/22 06:59 PM
n-Butylbenzene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
n-Propylbenzene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
o-Xylene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
p-Isopropyltoluene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
sec-Butylbenzene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
Styrene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
tert-Butylbenzene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
Tetrachloroethene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
Toluene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
trans-1,2-Dichloroethene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
trans-1,3-Dichloropropene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
Trichloroethene	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM

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DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B26(9-10)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201162-03
Project No:	185751311	**Collection Date:**	01/20/22 10:45 AM
Lab Order:	2201162	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Trichlorofluoromethane	<0.00535	0.00535	0.0161		mg/Kg-dry	1	01/21/22 06:59 PM
Vinyl chloride	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
Xylenes, Total	<0.00107	0.00107	0.00535		mg/Kg-dry	1	01/21/22 06:59 PM
Surr: 1,2-Dichloroethane-d4	102	0	52-149		%REC	1	01/21/22 06:59 PM
Surr: 4-Bromofluorobenzene	93.1	0	84-118		%REC	1	01/21/22 06:59 PM
Surr: Dibromofluoromethane	100	0	65-135		%REC	1	01/21/22 06:59 PM
Surr: Toluene-d8	91.6	0	84-116		%REC	1	01/21/22 06:59 PM
PERCENT MOISTURE		**D2216**					Analyst: **BTJ**
Percent Moisture	2.30	0	0		WT%	1	01/26/22 08:15 AM

Qualifiers:

ND - Not Detected at the SDL
J - Analyte detected between SDL and RL
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DF- Dilution Factor
N - Parameter not NELAP certified
See Final Page of Report for MQLs and MDLs
S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B26(14-15)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201162-04
Project No:	185751311	**Collection Date:**	01/20/22 10:50 AM
Lab Order:	2201162	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TX1005 TPH SOIL		**TX1005**					Analyst: **BTJ**
T/R Hydrocarbons: C6-C12	<14.0	14.0	39.9		mg/Kg-dry	1	01/25/22 01:07 PM
T/R Hydrocarbons: >C12-C28	<14.0	14.0	39.9		mg/Kg-dry	1	01/25/22 01:07 PM
T/R Hydrocarbons: >C28-C35	<14.0	14.0	39.9		mg/Kg-dry	1	01/25/22 01:07 PM
T/R Hydrocarbons: C6-C35	<14.0	14.0	39.9		mg/Kg-dry	1	01/25/22 01:07 PM
Surr: Isopropylbenzene	82.6	0	70-130		%REC	1	01/25/22 01:07 PM
Surr: Octacosane	101	0	70-130		%REC	1	01/25/22 01:07 PM
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	2.85	0.0884	0.265		mg/Kg-dry	5	01/25/22 12:40 PM
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
1,1,1,2-Tetrachloroethane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
1,1,1-Trichloroethane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
1,1,2,2-Tetrachloroethane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
1,1,2-Trichloroethane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
1,1,2-Trichlorotrifluoroethane	<0.00480	0.00480	0.0144		mg/Kg-dry	1	01/21/22 07:27 PM
1,1-Dichloroethane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
1,1-Dichloroethene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
1,1-Dichloropropene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
1,2,3-Trichlorobenzene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
1,2,3-Trichloropropane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
1,2,4-Trichlorobenzene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
1,2,4-Trimethylbenzene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
1,2-Dibromo-3-chloropropane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
1,2-Dibromoethane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
1,2-Dichlorobenzene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
1,2-Dichloroethane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
1,2-Dichloropropane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
1,3,5-Trimethylbenzene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
1,3-Dichlorobenzene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
1,3-Dichloropropane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
1,4-Dichlorobenzene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
1-Chlorohexane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
2,2-Dichloropropane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
2-Butanone	<0.00480	0.00480	0.0144		mg/Kg-dry	1	01/21/22 07:27 PM
2-Chlorotoluene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
2-Hexanone	<0.00480	0.00480	0.0144		mg/Kg-dry	1	01/21/22 07:27 PM
4-Chlorotoluene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
4-Methyl-2-pentanone	<0.00480	0.00480	0.0144		mg/Kg-dry	1	01/21/22 07:27 PM
Acetone	<0.0144	0.0144	0.0480		mg/Kg-dry	1	01/21/22 07:27 PM

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C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B26(14-15)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201162-04
Project No:	185751311	**Collection Date:**	01/20/22 10:50 AM
Lab Order:	2201162	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Benzene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
Bromobenzene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
Bromochloromethane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
Bromodichloromethane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
Bromoform	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
Bromomethane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
Carbon disulfide	<0.00480	0.00480	0.0144		mg/Kg-dry	1	01/21/22 07:27 PM
Carbon tetrachloride	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
Chlorobenzene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
Chloroethane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
Chloroform	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
Chloromethane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
cis-1,2-Dichloroethene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
cis-1,3-Dichloropropene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
Cyclohexane	<0.00480	0.00480	0.0144	N	mg/Kg-dry	1	01/21/22 07:27 PM
Dibromochloromethane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
Dibromomethane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
Dichlorodifluoromethane	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
Ethylbenzene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
Hexachlorobutadiene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
Isopropylbenzene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
m,p-Xylene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
Methyl Acetate	<0.00480	0.00480	0.0144		mg/Kg-dry	1	01/21/22 07:27 PM
Methyl tert-butyl ether	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
Methylcyclohexane	<0.00480	0.00480	0.0144		mg/Kg-dry	1	01/21/22 07:27 PM
Methylene chloride	<0.00480	0.00480	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
Naphthalene	<0.00480	0.00480	0.0144		mg/Kg-dry	1	01/21/22 07:27 PM
n-Butylbenzene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
n-Propylbenzene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
o-Xylene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
p-Isopropyltoluene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
sec-Butylbenzene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
Styrene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
tert-Butylbenzene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
Tetrachloroethene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
Toluene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
trans-1,2-Dichloroethene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
trans-1,3-Dichloropropene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
Trichloroethene	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM

Qualifiers:

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See Final Page of Report for MQLs and MDLs
S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *28-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B26(14-15)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201162-04
Project No:	185751311	**Collection Date:**	01/20/22 10:50 AM
Lab Order:	2201162	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY 8260/5035 GC/MS		**SW8260D**					Analyst: **SNM**
Trichlorofluoromethane	<0.00480	0.00480	0.0144		mg/Kg-dry	1	01/21/22 07:27 PM
Vinyl chloride	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
Xylenes, Total	<0.000960	0.000960	0.00480		mg/Kg-dry	1	01/21/22 07:27 PM
Surr: 1,2-Dichloroethane-d4	104	0	52-149		%REC	1	01/21/22 07:27 PM
Surr: 4-Bromofluorobenzene	104	0	84-118		%REC	1	01/21/22 07:27 PM
Surr: Dibromofluoromethane	99.1	0	65-135		%REC	1	01/21/22 07:27 PM
Surr: Toluene-d8	97.3	0	84-116		%REC	1	01/21/22 07:27 PM
PERCENT MOISTURE		**D2216**					Analyst: **BTJ**
Percent Moisture	2.51	0	0		WT%	1	01/26/22 08:15 AM

Qualifiers:

ND - Not Detected at the SDL
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DF- Dilution Factor
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S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201162
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_211109A

Sample ID: **DCS-102763** Batch ID: **102763** TestNo: **TX1005** Units: **mg/Kg**
SampType: **DCS** Run ID: **GC12_211109A** Analysis Date: **11/9/2021 9:18:01 AM** Prep Date: **11/8/2021**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	10.6	20.0	10.00	0	106	50	200	0	0	
Surr: Isopropylbenzene	24.9		25.00		99.7	70	130	0	0	
Surr: Octacosane	27.6		25.00		110	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201162
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_220125A

The QC data in batch 103646 applies to the following samples: 2201162-02B, 2201162-03B, 2201162-04B

Sample ID: **MB-103646** Batch ID: **103646** TestNo: **TX1005** Units: **mg/Kg**
SampType: **MBLK** Run ID: **GC12_220125A** Analysis Date: **1/25/2022 10:12:24 AM** Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C12	<7.00	20.0								
T/R Hydrocarbons: >C12-C28	<7.00	20.0								
T/R Hydrocarbons: >C28-C35	<7.00	20.0								
T/R Hydrocarbons: C6-C35	<7.00	20.0								
Surr: Isopropylbenzene	21.0		25.00		83.9	70	130			
Surr: Octacosane	25.0		25.00		100	70	130			

Sample ID: **LCS-103646** Batch ID: **103646** TestNo: **TX1005** Units: **mg/Kg**
SampType: **LCS** Run ID: **GC12_220125A** Analysis Date: **1/25/2022 10:21:27 AM** Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	217	20.0	250.0	0	86.7	75	125			
Surr: Isopropylbenzene	23.8		25.00		95.1	70	130			
Surr: Octacosane	25.5		25.00		102	70	130			

Sample ID: **LCSD-103646** Batch ID: **103646** TestNo: **TX1005** Units: **mg/Kg**
SampType: **LCSD** Run ID: **GC12_220125A** Analysis Date: **1/25/2022 10:30:30 AM** Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	219	20.0	250.0	0	87.5	75	125	0.828	20	
Surr: Isopropylbenzene	23.3		25.00		93.1	70	130	0	0	
Surr: Octacosane	25.2		25.00		101	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201162
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_220125A

Sample ID: **ICV-220125**	Batch ID: **R118996**	TestNo: **TX1005**	Units: **mg/Kg**
SampType: **ICV**	Run ID: **GC12_220125A**	Analysis Date: **1/25/2022 9:54:20 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	1060	20.0	1000	0	106	75	125			
Surr: Isopropylbenzene	56.2		50.00		112	70	130			
Surr: Octacosane	54.6		50.00		109	70	130			

Sample ID: **CCV1-220125**	Batch ID: **R118996**	TestNo: **TX1005**	Units: **mg/Kg**
SampType: **CCV**	Run ID: **GC12_220125A**	Analysis Date: **1/25/2022 2:23:56 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	478	20.0	500.0	0	95.6	75	125			
Surr: Isopropylbenzene	25.9		25.00		104	70	130			
Surr: Octacosane	25.6		25.00		103	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201162
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_220128A

The QC data in batch 103731 applies to the following samples: 2201162-01B

Sample ID: **MB-103731**	Batch ID: **103731**	TestNo: **TX1005**	Units: **mg/L**
SampType: **MBLK**	Run ID: **GC12_220128A**	Analysis Date: **1/28/2022 11:01:16 AM**	Prep Date: **1/28/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C12	<0.700	2.00								
T/R Hydrocarbons: >C12-C28	<0.700	2.00								
T/R Hydrocarbons: >C28-C35	<0.700	2.00								
T/R Hydrocarbons: C6-C35	<0.700	2.00								
Surr: Isopropylbenzene	1.95		2.500		77.8	70	130			
Surr: Octacosane	2.30		2.500		91.9	70	130			

Sample ID: **LCS-103731**	Batch ID: **103731**	TestNo: **TX1005**	Units: **mg/L**
SampType: **LCS**	Run ID: **GC12_220128A**	Analysis Date: **1/28/2022 11:28:25 AM**	Prep Date: **1/28/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	20.9	2.00	25.00	0	83.5	75	125			
Surr: Isopropylbenzene	2.26		2.500		90.2	70	130			
Surr: Octacosane	2.32		2.500		92.7	70	130			

Sample ID: **LCSD-103731**	Batch ID: **103731**	TestNo: **TX1005**	Units: **mg/L**
SampType: **LCSD**	Run ID: **GC12_220128A**	Analysis Date: **1/28/2022 11:37:28 AM**	Prep Date: **1/28/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	20.4	2.00	25.00	0	81.5	75	125	2.46	20	
Surr: Isopropylbenzene	3.19		2.500		128	70	130	0	0	
Surr: Octacosane	2.35		2.500		94.0	70	130	0	0	

Sample ID: **DCS-103731**	Batch ID: **103731**	TestNo: **TX1005**	Units: **mg/L**
SampType: **DCS**	Run ID: **GC12_220128A**	Analysis Date: **1/28/2022 1:53:34 PM**	Prep Date: **1/28/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	1.68	2.00	1.000	0	168	50	200			
Surr: Isopropylbenzene	2.08		2.500		83.0	70	130			
Surr: Octacosane	2.44		2.500		97.6	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201162
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_220128A

Sample ID: **ICV-220128**	Batch ID: **R119081**	TestNo: **TX1005**	Units: **mg/L**
SampType: **ICV**	Run ID: **GC12_220128A**	Analysis Date: **1/28/2022 10:52:13 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	913	2.00	1000	0	91.3	75	125			
Surr: Isopropylbenzene	52.2		50.00		104	70	130			
Surr: Octacosane	45.7		50.00		91.3	70	130			

Sample ID: **CCV1-220128**	Batch ID: **R119081**	TestNo: **TX1005**	Units: **mg/L**
SampType: **CCV**	Run ID: **GC12_220128A**	Analysis Date: **1/28/2022 2:11:39 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	449	2.00	500.0	0	89.7	75	125			
Surr: Isopropylbenzene	26.3		25.00		105	70	130			
Surr: Octacosane	24.0		25.00		96.2	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201162
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: **ICP-MS5_211026A**

Sample ID: **DCS1-102518** Batch ID: **102518** TestNo: **SW6020B** Units: **mg/Kg**
SampType: **DCS** Run ID: **ICP-MS5_211026A** Analysis Date: **10/26/2021 10:53:00 A** Prep Date: **10/25/2021**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.296	0.300	0.2500	0	118	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201162
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: **ICP-MS5_211101A**

Sample ID: **DCS1-102615** Batch ID: **102615** TestNo: **SW6020B** Units: **mg/L**
SampType: **DCS** Run ID: **ICP-MS5_211101A** Analysis Date: **11/1/2021 10:40:00 AM** Prep Date: **10/29/2021**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.000570	0.00100	0.000500	0	114	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201162
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: **ICP-MS5_220125A**

The QC data in batch 103639 applies to the following samples: 2201162-02C, 2201162-03C, 2201162-04C

Sample ID: **MB-103639**	Batch ID: **103639**	TestNo: **SW6020B**	Units: **mg/Kg**
SampType: **MBLK**	Run ID: **ICP-MS5_220125A**	Analysis Date: **1/25/2022 11:13:00 AM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	<0.100	0.300								

Sample ID: **LCS-103639**	Batch ID: **103639**	TestNo: **SW6020B**	Units: **mg/Kg**
SampType: **LCS**	Run ID: **ICP-MS5_220125A**	Analysis Date: **1/25/2022 11:16:00 AM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	50.2	0.300	50.00	0	100	80	120			

Sample ID: **LCSD-103639**	Batch ID: **103639**	TestNo: **SW6020B**	Units: **mg/Kg**
SampType: **LCSD**	Run ID: **ICP-MS5_220125A**	Analysis Date: **1/25/2022 11:19:00 AM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	49.9	0.300	50.00	0	99.9	80	120	0.565	25	

Sample ID: **2201148-08C SD**	Batch ID: **103639**	TestNo: **SW6020B**	Units: **mg/Kg-dry**
SampType: **SD**	Run ID: **ICP-MS5_220125A**	Analysis Date: **1/25/2022 11:27:00 AM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	6.61	1.54	0	7.049				6.44	20	

Sample ID: **2201148-08C PDS**	Batch ID: **103639**	TestNo: **SW6020B**	Units: **mg/Kg-dry**
SampType: **PDS**	Run ID: **ICP-MS5_220125A**	Analysis Date: **1/25/2022 11:53:00 AM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	59.0	0.308	51.28	7.049	101	75	125			

Sample ID: **2201148-08C MS**	Batch ID: **103639**	TestNo: **SW6020B**	Units: **mg/Kg-dry**
SampType: **MS**	Run ID: **ICP-MS5_220125A**	Analysis Date: **1/25/2022 11:56:00 AM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	58.2	0.302	50.32	7.049	102	75	125			

Sample ID: **2201148-08C MSD**	Batch ID: **103639**	TestNo: **SW6020B**	Units: **mg/Kg-dry**
SampType: **MSD**	Run ID: **ICP-MS5_220125A**	Analysis Date: **1/25/2022 11:59:00 AM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	60.4	0.305	50.80	7.049	105	75	125	3.81	25	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201162
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS5_220125A

Sample ID: **ICV-220125**	Batch ID: **R118995**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **ICV**	Run ID: **ICP-MS5_220125A**	Analysis Date: **1/25/2022 10:51:00 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.103	0.00100	0.100	0	103	90	110			

Sample ID: **LCVL-220125**	Batch ID: **R118995**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **LCVL**	Run ID: **ICP-MS5_220125A**	Analysis Date: **1/25/2022 11:06:00 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.00103	0.00100	0.00100	0	103	80	120			

Sample ID: **CCV1-220125**	Batch ID: **R118995**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **CCV**	Run ID: **ICP-MS5_220125A**	Analysis Date: **1/25/2022 12:03:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.207	0.00100	0.200	0	104	90	110			

Sample ID: **CCV2-220125**	Batch ID: **R118995**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **CCV**	Run ID: **ICP-MS5_220125A**	Analysis Date: **1/25/2022 12:43:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.201	0.00100	0.200	0	100	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201162
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: **ICP-MS5_220125B**

The QC data in batch 103636 applies to the following samples: 2201162-01C

Sample ID: **MB-103636**	Batch ID: **103636**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **MBLK**	Run ID: **ICP-MS5_220125B**	Analysis Date: **1/25/2022 12:54:00 PM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	<0.000300	0.00100								

Sample ID: **LCS-103636**	Batch ID: **103636**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **LCS**	Run ID: **ICP-MS5_220125B**	Analysis Date: **1/25/2022 12:57:00 PM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.206	0.00100	0.200	0	103	80	120			

Sample ID: **LCSD-103636**	Batch ID: **103636**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **LCSD**	Run ID: **ICP-MS5_220125B**	Analysis Date: **1/25/2022 1:01:00 PM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.205	0.00100	0.200	0	102	80	120	0.731	15	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201162
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS5_220125B

Sample ID: **ICV-220125**	Batch ID: **R119000**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **ICV**	Run ID: **ICP-MS5_220125B**	Analysis Date: **1/25/2022 10:51:00 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.103	0.00100	0.100	0	103	90	110			

Sample ID: **LCVL-220125**	Batch ID: **R119000**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **LCVL**	Run ID: **ICP-MS5_220125B**	Analysis Date: **1/25/2022 11:06:00 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.00103	0.00100	0.00100	0	103	80	120			

Sample ID: **CCV2-220125**	Batch ID: **R119000**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **CCV**	Run ID: **ICP-MS5_220125B**	Analysis Date: **1/25/2022 12:43:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.201	0.00100	0.200	0	100	90	110			

Sample ID: **CCV3-220125**	Batch ID: **R119000**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **CCV**	Run ID: **ICP-MS5_220125B**	Analysis Date: **1/25/2022 1:44:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.200	0.00100	0.200	0	100	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201162
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_220118B

Sample ID: **DCS-103539** Batch ID: **103539** TestNo: **SW8270E-LL** Units: **mg/L**
SampType: **DCS** Run ID: **GCMS6_220118B** Analysis Date: **1/18/2022 12:19:00 PM** Prep Date: **1/17/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Acenaphthene	0.0000376	0.0000500	0.0000400	0	94.0	20	200	0	0	
Acenaphthylene	0.0000403	0.0000500	0.0000400	0	101	20	200	0	0	
Anthracene	0.0000429	0.0000500	0.0000400	0	107	20	200	0	0	
Benzo[a]anthracene	0.0000445	0.0000500	0.0000400	0	111	20	200	0	0	
Benzo[a]pyrene	0.0000493	0.0000500	0.0000400	0	123	20	200	0	0	
Benzo[b]fluoranthene	0.0000510	0.0000500	0.0000400	0	128	20	200	0	0	
Benzo[g,h,i]perylene	0.0000480	0.0000500	0.0000400	0	120	20	200	0	0	
Benzo[k]fluoranthene	0.0000502	0.0000500	0.0000400	0	125	20	200	0	0	
Chrysene	0.0000369	0.0000500	0.0000400	0	92.2	20	200	0	0	
Dibenz[a,h]anthracene	0.0000498	0.0000500	0.0000400	0	125	20	200	0	0	
Fluoranthene	0.0000399	0.0000500	0.0000400	0	99.8	20	200	0	0	
Fluorene	0.0000403	0.0000500	0.0000400	0	101	20	200	0	0	
Indeno[1,2,3-cd]pyrene	0.0000525	0.0000500	0.0000400	0	131	20	200	0	0	
Naphthalene	0.0000391	0.0000500	0.0000400	0	97.9	20	200	0	0	
Phenanthrene	0.0000404	0.0000500	0.0000400	0	101	20	200	0	0	
Pyrene	0.0000367	0.0000500	0.0000400	0	91.7	20	200	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201162
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_220125B

The QC data in batch 103653 applies to the following samples: 2201162-01D

Sample ID: **LCS-103653** Batch ID: **103653** TestNo: **SW8270E-LL** Units: **mg/L**
SampType: **LCS** Run ID: **GCMS6_220125B** Analysis Date: **1/25/2022 4:46:00 PM** Prep Date: **1/25/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Acenaphthene	0.00317	0.0000500	0.00400	0	79.2	47	120			
Acenaphthylene	0.00342	0.0000500	0.00400	0	85.5	50	120			
Anthracene	0.00305	0.0000500	0.00400	0	76.3	54	120			
Benzo[a]anthracene	0.00407	0.0000500	0.00400	0	102	56	100			S
Benzo[a]pyrene	0.00356	0.0000500	0.00400	0	89.1	53	120			
Benzo[b]fluoranthene	0.00371	0.0000500	0.00400	0	92.7	45	124			
Benzo[g,h,i]perylene	0.00356	0.0000500	0.00400	0	89.0	38	123			
Benzo[k]fluoranthene	0.00324	0.0000500	0.00400	0	81.1	45	124			
Chrysene	0.00301	0.0000500	0.00400	0	75.2	55	120			
Dibenz[a,h]anthracene	0.00363	0.0000500	0.00400	0	90.8	42	127			
Fluoranthene	0.00344	0.0000500	0.00400	0	85.9	54	120			
Fluorene	0.00327	0.0000500	0.00400	0	81.7	50	120			
Indeno[1,2,3-cd]pyrene	0.00390	0.0000500	0.00400	0	97.5	43	125			
Naphthalene	0.00307	0.0000500	0.00400	0	76.9	39	120			
Phenanthrene	0.00344	0.0000500	0.00400	0	86.1	51	120			
Pyrene	0.00337	0.0000500	0.00400	0	84.4	49	128			
Surr: 2-Fluorobiphenyl	5.48		8.000		68.5	48	120			
Surr: 4-Terphenyl-d14	6.06		8.000		75.7	51	135			

Sample ID: **LCSD-103653** Batch ID: **103653** TestNo: **SW8270E-LL** Units: **mg/L**
SampType: **LCSD** Run ID: **GCMS6_220125B** Analysis Date: **1/25/2022 5:15:00 PM** Prep Date: **1/25/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Acenaphthene	0.00321	0.0000500	0.00400	0	80.2	47	120	1.14	20	
Acenaphthylene	0.00346	0.0000500	0.00400	0	86.5	50	120	1.21	20	
Anthracene	0.00312	0.0000500	0.00400	0	78.1	54	120	2.28	20	
Benzo[a]anthracene	0.00412	0.0000500	0.00400	0	103	56	100	1.24	20	S
Benzo[a]pyrene	0.00361	0.0000500	0.00400	0	90.3	53	120	1.28	20	
Benzo[b]fluoranthene	0.00377	0.0000500	0.00400	0	94.1	45	124	1.55	20	
Benzo[g,h,i]perylene	0.00359	0.0000500	0.00400	0	89.8	38	123	0.918	20	
Benzo[k]fluoranthene	0.00325	0.0000500	0.00400	0	81.2	45	124	0.205	20	
Chrysene	0.00307	0.0000500	0.00400	0	76.7	55	120	2.01	20	
Dibenz[a,h]anthracene	0.00366	0.0000500	0.00400	0	91.4	42	127	0.673	20	
Fluoranthene	0.00347	0.0000500	0.00400	0	86.7	54	120	0.927	20	
Fluorene	0.00331	0.0000500	0.00400	0	82.7	50	120	1.25	20	
Indeno[1,2,3-cd]pyrene	0.00393	0.0000500	0.00400	0	98.3	43	125	0.788	20	
Naphthalene	0.00305	0.0000500	0.00400	0	76.3	39	120	0.774	20	
Phenanthrene	0.00347	0.0000500	0.00400	0	86.7	51	120	0.659	20	
Pyrene	0.00346	0.0000500	0.00400	0	86.5	49	128	2.44	20	
Surr: 2-Fluorobiphenyl	5.40		8.000		67.5	48	120	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201162
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: **GCMS6_220125B**

Sample ID: **LCSD-103653**	Batch ID: **103653**	TestNo: **SW8270E-LL**	Units: **mg/L**
SampType: **LCSD**	Run ID: **GCMS6_220125B**	Analysis Date: **1/25/2022 5:15:00 PM**	Prep Date: **1/25/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Terphenyl-d14	5.70		8.000		71.3	51	135	0	0	

Sample ID: **MB-103653**	Batch ID: **103653**	TestNo: **SW8270E-LL**	Units: **mg/L**
SampType: **MBLK**	Run ID: **GCMS6_220125B**	Analysis Date: **1/25/2022 6:14:00 PM**	Prep Date: **1/25/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Acenaphthene	<0.0000250	0.0000500								
Acenaphthylene	<0.0000250	0.0000500								
Anthracene	<0.0000250	0.0000500								
Benzo[a]anthracene	<0.0000250	0.0000500								
Benzo[a]pyrene	<0.0000250	0.0000500								
Benzo[b]fluoranthene	<0.0000250	0.0000500								
Benzo[g,h,i]perylene	<0.0000250	0.0000500								
Benzo[k]fluoranthene	<0.0000250	0.0000500								
Chrysene	<0.0000250	0.0000500								
Dibenz[a,h]anthracene	<0.0000250	0.0000500								
Fluoranthene	<0.0000250	0.0000500								
Fluorene	<0.0000250	0.0000500								
Indeno[1,2,3-cd]pyrene	<0.0000250	0.0000500								
Naphthalene	<0.0000250	0.0000500								
Phenanthrene	<0.0000250	0.0000500								
Pyrene	<0.0000250	0.0000500								
Surr: 2-Fluorobiphenyl	5.56		8.000		69.5	48	120			
Surr: 4-Terphenyl-d14	6.37		8.000		79.6	51	135			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201162
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_220125B

Sample ID: **ICV-220125**	Batch ID: **R119014**	TestNo: **SW8270E-LL**	Units: **mg/L**
SampType: **ICV**	Run ID: **GCMS6_220125B**	Analysis Date: **1/25/2022 1:18:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Acenaphthene	2.08	0.0000500	2.00	0	104	70	130			
Acenaphthylene	2.19	0.0000500	2.00	0	110	70	130			
Anthracene	1.87	0.0000500	2.00	0	93.7	70	130			
Benzo[a]anthracene	2.49	0.0000500	2.00	0	125	70	130			
Benzo[a]pyrene	2.14	0.0000500	2.00	0	107	70	130			
Benzo[b]fluoranthene	2.24	0.0000500	2.00	0	112	70	130			
Benzo[g,h,i]perylene	2.13	0.0000500	2.00	0	107	70	130			
Benzo[k]fluoranthene	1.95	0.0000500	2.00	0	97.6	70	130			
Chrysene	1.66	0.0000500	2.00	0	83.1	70	130			
Dibenz[a,h]anthracene	2.04	0.0000500	2.00	0	102	70	130			
Fluoranthene	2.13	0.0000500	2.00	0	107	70	130			
Fluorene	2.00	0.0000500	2.00	0	100	70	130			
Indeno[1,2,3-cd]pyrene	2.33	0.0000500	2.00	0	117	70	130			
Naphthalene	2.12	0.0000500	2.00	0	106	70	130			
Phenanthrene	2.12	0.0000500	2.00	0	106	70	130			
Pyrene	2.14	0.0000500	2.00	0	107	70	130			
Surr: 2-Fluorobiphenyl	1930		2000		96.3	65	120			
Surr: 4-Terphenyl-d14	2040		2000		102	51	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201162
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_220113A

Sample ID: **DCS-103542**	Batch ID: **103542**	TestNo: **SW8260D**	Units: **mg/Kg**
SampType: **DCS**	Run ID: **GCMS2_220113A**	Analysis Date: **1/13/2022 11:53:00 AM**	Prep Date: **1/13/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	0.00208	0.00500	0.00232	0	89.7	10	400	0	0	
1,1,1-Trichloroethane	0.00227	0.00500	0.00232	0	97.8	10	400	0	0	
1,1,2,2-Tetrachloroethane	0.00205	0.00500	0.00232	0	88.4	10	400	0	0	
1,1,2-Trichloroethane	0.00207	0.00500	0.00232	0	89.2	10	400	0	0	
1,1,2-Trichlorotrifluoroethane	0.00224	0.0150	0.00232	0	96.6	10	400	0	0	
1,1-Dichloroethane	0.00224	0.00500	0.00232	0	96.6	10	400	0	0	
1,1-Dichloroethene	0.00225	0.00500	0.00232	0	97.0	10	400	0	0	
1,1-Dichloropropene	0.00229	0.00500	0.00232	0	98.7	10	400	0	0	
1,2,3-Trichlorobenzene	0.00253	0.00500	0.00232	0	109	10	400	0	0	
1,2,3-Trichloropropane	0.00163	0.00500	0.00232	0	70.3	10	400	0	0	
1,2,4-Trichlorobenzene	0.00264	0.00500	0.00232	0	114	10	400	0	0	
1,2,4-Trimethylbenzene	0.00210	0.00500	0.00232	0	90.5	10	400	0	0	
1,2-Dibromo-3-chloropropane	0.00239	0.00500	0.00232	0	103	10	400	0	0	
1,2-Dibromoethane	0.00179	0.00500	0.00232	0	77.2	10	400	0	0	
1,2-Dichlorobenzene	0.00201	0.00500	0.00232	0	86.6	10	400	0	0	
1,2-Dichloroethane	0.00226	0.00500	0.00232	0	97.4	10	400	0	0	
1,2-Dichloropropane	0.00216	0.00500	0.00232	0	93.1	10	400	0	0	
1,3,5-Trimethylbenzene	0.00214	0.00500	0.00232	0	92.2	10	400	0	0	
1,3-Dichlorobenzene	0.00218	0.00500	0.00232	0	94.0	10	400	0	0	
1,3-Dichloropropane	0.00201	0.00500	0.00232	0	86.6	10	400	0	0	
1,4-Dichlorobenzene	0.00227	0.00500	0.00232	0	97.8	10	400	0	0	
1-Chlorohexane	0.00305	0.00500	0.00232	0	131	10	400	0	0	
2,2-Dichloropropane	0.00232	0.00500	0.00232	0	100	10	400	0	0	
2-Butanone	0.0108	0.0150	0.0116	0	93.1	10	400	0	0	
2-Chlorotoluene	0.00244	0.00500	0.00232	0	105	10	400	0	0	
2-Hexanone	0.00911	0.0150	0.0116	0	78.5	10	400	0	0	
4-Chlorotoluene	0.00238	0.00500	0.00232	0	103	10	400	0	0	
4-Methyl-2-pentanone	0.00979	0.0150	0.0116	0	84.4	10	400	0	0	
Acetone	0.0106	0.0500	0.0116	0	91.1	10	400	0	0	
Benzene	0.00234	0.00500	0.00232	0	101	10	400	0	0	
Bromobenzene	0.00206	0.00500	0.00232	0	88.8	10	400	0	0	
Bromochloromethane	0.00226	0.00500	0.00232	0	97.4	10	400	0	0	
Bromodichloromethane	0.00205	0.00500	0.00232	0	88.4	10	400	0	0	
Bromoform	0.00177	0.00500	0.00232	0	76.3	10	400	0	0	
Bromomethane	0.00143	0.00500	0.00232	0	61.6	10	400	0	0	
Carbon disulfide	0.00230	0.0150	0.00232	0	99.1	10	400	0	0	
Carbon tetrachloride	0.00219	0.00500	0.00232	0	94.4	10	400	0	0	
Chlorobenzene	0.00210	0.00500	0.00232	0	90.5	10	400	0	0	
Chloroethane	0.00229	0.00500	0.00232	0	98.7	10	400	0	0	
Chloroform	0.00227	0.00500	0.00232	0	97.8	10	400	0	0	
Chloromethane	0.00236	0.00500	0.00232	0	102	10	400	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201162
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_220113A

Sample ID: **DCS-103542** Batch ID: **103542** TestNo: **SW8260D** Units: **mg/Kg**
SampType: **DCS** Run ID: **GCMS2_220113A** Analysis Date: **1/13/2022 11:53:00 AM** Prep Date: **1/13/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	0.00222	0.00500	0.00232	0	95.7	10	400	0	0	
cis-1,3-Dichloropropene	0.00197	0.00500	0.00232	0	84.9	10	400	0	0	
Cyclohexane	0.00231	0.0150	0.00232	0	99.6	10	400	0	0	N
Dibromochloromethane	0.00190	0.00500	0.00232	0	81.9	10	400	0	0	
Dibromomethane	0.00204	0.00500	0.00232	0	87.9	10	400	0	0	
Dichlorodifluoromethane	0.00222	0.00500	0.00232	0	95.7	10	400	0	0	
Ethylbenzene	0.00206	0.00500	0.00232	0	88.8	10	400	0	0	
Hexachlorobutadiene	0.00178	0.00500	0.00232	0	76.7	10	400	0	0	
Isopropylbenzene	0.00208	0.00500	0.00232	0	89.7	10	400	0	0	
m,p-Xylene	0.00280	0.00500	0.00464	0	60.3	10	400	0	0	
Methyl Acetate	0.00222	0.0150	0.00232	0	95.7	10	400	0	0	
Methyl tert-butyl ether	0.00222	0.00500	0.00232	0	95.7	10	400	0	0	
Methylcyclohexane	0.00236	0.0150	0.00232	0	102	10	400	0	0	
Methylene chloride	0.00239	0.00500	0.00232	0	103	10	400	0	0	
Naphthalene	0.00314	0.0150	0.00232	0	135	10	400	0	0	
n-Butylbenzene	0.00174	0.00500	0.00232	0	75.0	10	400	0	0	
n-Propylbenzene	0.00218	0.00500	0.00232	0	94.0	10	400	0	0	
o-Xylene	0.00194	0.00500	0.00232	0	83.6	10	400	0	0	
p-Isopropyltoluene	0.00212	0.00500	0.00232	0	91.4	10	400	0	0	
sec-Butylbenzene	0.00220	0.00500	0.00232	0	94.8	10	400	0	0	
Styrene	0.00187	0.00500	0.00232	0	80.6	10	400	0	0	
tert-Butylbenzene	0.00223	0.00500	0.00232	0	96.1	10	400	0	0	
Tetrachloroethene	0.00248	0.00500	0.00232	0	107	10	400	0	0	
Toluene	0.00226	0.00500	0.00232	0	97.4	10	400	0	0	
trans-1,2-Dichloroethene	0.00236	0.00500	0.00232	0	102	10	400	0	0	
trans-1,3-Dichloropropene	0.00201	0.00500	0.00232	0	86.6	10	400	0	0	
Trichloroethene	0.00228	0.00500	0.00232	0	98.3	10	400	0	0	
Trichlorofluoromethane	0.00225	0.0150	0.00232	0	97.0	10	400	0	0	
Vinyl chloride	0.00239	0.00500	0.00232	0	103	10	400	0	0	
Total Xylenes	0.00474	0.00500	0.00696	0	68.1	10	400	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201162
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: **GCMS2_220121A**

The QC data in batch 103623 applies to the following samples: 2201162-02A, 2201162-03A, 2201162-04A

Sample ID: **LCS-103623** Batch ID: **103623** TestNo: **SW8260D** Units: **mg/Kg**
SampType: **LCS** Run ID: **GCMS2_220121A** Analysis Date: **1/21/2022 2:24:00 PM** Prep Date: **1/21/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	0.0188	0.00500	0.0232	0	81.1	74	125			
1,1,1-Trichloroethane	0.0197	0.00500	0.0232	0	84.8	68	130			
1,1,2,2-Tetrachloroethane	0.0220	0.00500	0.0232	0	94.7	59	140			
1,1,2-Trichloroethane	0.0205	0.00500	0.0232	0	88.2	62	127			
1,1,2-Trichlorotrifluoroethane	0.0246	0.0150	0.0232	0	106	57	135			
1,1-Dichloroethane	0.0192	0.00500	0.0232	0	82.9	73	125			
1,1-Dichloroethene	0.0191	0.00500	0.0232	0	82.2	65	136			
1,1-Dichloropropene	0.0197	0.00500	0.0232	0	85.0	70	135			
1,2,3-Trichlorobenzene	0.0209	0.00500	0.0232	0	90.0	62	133			
1,2,3-Trichloropropane	0.0239	0.00500	0.0232	0	103	63	130			
1,2,4-Trichlorobenzene	0.0205	0.00500	0.0232	0	88.4	65	131			
1,2,4-Trimethylbenzene	0.0203	0.00500	0.0232	0	87.5	65	135			
1,2-Dibromo-3-chloropropane	0.0225	0.00500	0.0232	0	97.0	49	135			
1,2-Dibromoethane	0.0208	0.00500	0.0232	0	89.5	70	124			
1,2-Dichlorobenzene	0.0211	0.00500	0.0232	0	90.7	74	120			
1,2-Dichloroethane	0.0204	0.00500	0.0232	0	88.0	72	137			
1,2-Dichloropropane	0.0197	0.00500	0.0232	0	84.8	71	120			
1,3,5-Trimethylbenzene	0.0202	0.00500	0.0232	0	87.2	65	133			
1,3-Dichlorobenzene	0.0200	0.00500	0.0232	0	86.3	72	124			
1,3-Dichloropropane	0.0203	0.00500	0.0232	0	87.6	76	123			
1,4-Dichlorobenzene	0.0201	0.00500	0.0232	0	86.8	72	125			
1-Chlorohexane	0.0166	0.00500	0.0232	0	71.4	60	135			
2,2-Dichloropropane	0.0208	0.00500	0.0232	0	89.6	67	134			
2-Butanone	0.258	0.0150	0.232	0	111	60	135			
2-Chlorotoluene	0.0200	0.00500	0.0232	0	86.4	69	128			
2-Hexanone	0.258	0.0150	0.232	0	111	50	150			
4-Chlorotoluene	0.0202	0.00500	0.0232	0	87.2	73	126			
4-Methyl-2-pentanone	0.250	0.0150	0.232	0	108	60	135			
Acetone	0.254	0.0500	0.232	0	109	40	141			
Benzene	0.0195	0.00500	0.0232	0	84.1	73	126			
Bromobenzene	0.0201	0.00500	0.0232	0	86.7	66	121			
Bromochloromethane	0.0204	0.00500	0.0232	0	87.9	71	127			
Bromodichloromethane	0.0197	0.00500	0.0232	0	85.0	72	128			
Bromoform	0.0200	0.00500	0.0232	0	86.3	66	137			
Bromomethane	0.0240	0.00500	0.0232	0	104	45	141			
Carbon disulfide	0.0173	0.0150	0.0232	0	74.7	50	150			
Carbon tetrachloride	0.0197	0.00500	0.0232	0	84.7	67	133			
Chlorobenzene	0.0190	0.00500	0.0232	0	81.9	75	123			
Chloroethane	0.0198	0.00500	0.0232	0	85.2	41	141			
Chloroform	0.0194	0.00500	0.0232	0	83.8	72	124			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201162
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_220121A

Sample ID: **LCS-103623**	Batch ID: **103623**	TestNo: **SW8260D**	Units: **mg/Kg**
SampType: **LCS**	Run ID: **GCMS2_220121A**	Analysis Date: **1/21/2022 2:24:00 PM**	Prep Date: **1/21/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloromethane	0.0187	0.00500	0.0232	0	80.5	51	129			
cis-1,2-Dichloroethene	0.0201	0.00500	0.0232	0	86.5	67	125			
cis-1,3-Dichloropropene	0.0202	0.00500	0.0232	0	87.2	72	126			
Cyclohexane	0.0247	0.0150	0.0232	0	106	40	158			N
Dibromochloromethane	0.0200	0.00500	0.0232	0	86.2	66	130			
Dibromomethane	0.0205	0.00500	0.0232	0	88.4	73	128			
Dichlorodifluoromethane	0.0169	0.00500	0.0232	0	72.8	34	136			
Ethylbenzene	0.0190	0.00500	0.0232	0	81.8	74	127			
Hexachlorobutadiene	0.0210	0.00500	0.0232	0	90.5	53	142			
Isopropylbenzene	0.0193	0.00500	0.0232	0	83.3	77	129			
m,p-Xylene	0.0378	0.00500	0.0464	0	81.5	79	126			
Methyl Acetate	0.0288	0.0150	0.0232	0	124	50	150			
Methyl tert-butyl ether	0.0218	0.00500	0.0232	0	94.0	50	135			
Methylcyclohexane	0.0237	0.0150	0.0232	0	102	50	150			
Methylene chloride	0.0206	0.00500	0.0232	0	88.8	63	137			
Naphthalene	0.0208	0.0150	0.0232	0	89.6	51	135			
n-Butylbenzene	0.0204	0.00500	0.0232	0	87.8	65	138			
n-Propylbenzene	0.0200	0.00500	0.0232	0	86.1	63	135			
o-Xylene	0.0195	0.00500	0.0232	0	84.1	77	125			
p-Isopropyltoluene	0.0205	0.00500	0.0232	0	88.4	75	133			
sec-Butylbenzene	0.0203	0.00500	0.0232	0	87.5	63	132			
Styrene	0.0199	0.00500	0.0232	0	85.9	74	128			
tert-Butylbenzene	0.0199	0.00500	0.0232	0	85.6	65	132			
Tetrachloroethene	0.0188	0.00500	0.0232	0	80.8	67	139			
Toluene	0.0192	0.00500	0.0232	0	82.7	71	127			
trans-1,2-Dichloroethene	0.0198	0.00500	0.0232	0	85.2	66	134			
trans-1,3-Dichloropropene	0.0208	0.00500	0.0232	0	89.5	65	127			
Trichloroethene	0.0190	0.00500	0.0232	0	81.8	77	124			
Trichlorofluoromethane	0.0198	0.0150	0.0232	0	85.3	49	139			
Vinyl chloride	0.0185	0.00500	0.0232	0	79.9	58	126			
Xylenes, Total	0.0573	0.00500	0.0696	0	82.4	75	125			
Surr: 1,2-Dichloroethane-d4	51.5		50.00		103	52	149			
Surr: 4-Bromofluorobenzene	52.4		50.00		105	84	118			
Surr: Dibromofluoromethane	48.4		50.00		96.8	65	135			
Surr: Toluene-d8	49.9		50.00		99.8	84	116			

Sample ID: **MB-103623**	Batch ID: **103623**	TestNo: **SW8260D**	Units: **mg/Kg**
SampType: **MBLK**	Run ID: **GCMS2_220121A**	Analysis Date: **1/21/2022 3:41:00 PM**	Prep Date: **1/21/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	<0.00100	0.00500								

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201162
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_220121A

Sample ID: **MB-103623**	Batch ID: **103623**	TestNo: **SW8260D**	Units: **mg/Kg**
SampType: **MBLK**	Run ID: **GCMS2_220121A**	Analysis Date: **1/21/2022 3:41:00 PM**	Prep Date: **1/21/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.00100	0.00500								
1,1,2,2-Tetrachloroethane	<0.00100	0.00500								
1,1,2-Trichloroethane	<0.00100	0.00500								
1,1,2-Trichlorotrifluoroethane	<0.00500	0.0150								
1,1-Dichloroethane	<0.00100	0.00500								
1,1-Dichloroethene	<0.00100	0.00500								
1,1-Dichloropropene	<0.00100	0.00500								
1,2,3-Trichlorobenzene	<0.00100	0.00500								
1,2,3-Trichloropropane	<0.00100	0.00500								
1,2,4-Trichlorobenzene	<0.00100	0.00500								
1,2,4-Trimethylbenzene	<0.00100	0.00500								
1,2-Dibromo-3-chloropropane	<0.00100	0.00500								
1,2-Dibromoethane	<0.00100	0.00500								
1,2-Dichlorobenzene	<0.00100	0.00500								
1,2-Dichloroethane	<0.00100	0.00500								
1,2-Dichloropropane	<0.00100	0.00500								
1,3,5-Trimethylbenzene	<0.00100	0.00500								
1,3-Dichlorobenzene	<0.00100	0.00500								
1,3-Dichloropropane	<0.00100	0.00500								
1,4-Dichlorobenzene	<0.00100	0.00500								
1-Chlorohexane	<0.00100	0.00500								
2,2-Dichloropropane	<0.00100	0.00500								
2-Butanone	<0.00500	0.0150								
2-Chlorotoluene	<0.00100	0.00500								
2-Hexanone	<0.00500	0.0150								
4-Chlorotoluene	<0.00100	0.00500								
4-Methyl-2-pentanone	<0.00500	0.0150								
Acetone	<0.0150	0.0500								
Benzene	<0.00100	0.00500								
Bromobenzene	<0.00100	0.00500								
Bromochloromethane	<0.00100	0.00500								
Bromodichloromethane	<0.00100	0.00500								
Bromoform	<0.00100	0.00500								
Bromomethane	<0.00100	0.00500								
Carbon disulfide	<0.00500	0.0150								
Carbon tetrachloride	<0.00100	0.00500								
Chlorobenzene	<0.00100	0.00500								
Chloroethane	<0.00100	0.00500								
Chloroform	<0.00100	0.00500								
Chloromethane	<0.00100	0.00500								
cis-1,2-Dichloroethene	<0.00100	0.00500								

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_220121A

Sample ID: **MB-103623** Batch ID: **103623** TestNo: **SW8260D** Units: **mg/Kg**
SampType: **MBLK** Run ID: **GCMS2_220121A** Analysis Date: **1/21/2022 3:41:00 PM** Prep Date: **1/21/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
cis-1,3-Dichloropropene	<0.00100	0.00500								
Cyclohexane	<0.00500	0.0150								N
Dibromochloromethane	<0.00100	0.00500								
Dibromomethane	<0.00100	0.00500								
Dichlorodifluoromethane	<0.00100	0.00500								
Ethylbenzene	<0.00100	0.00500								
Hexachlorobutadiene	<0.00100	0.00500								
Isopropylbenzene	<0.00100	0.00500								
m,p-Xylene	<0.00100	0.00500								
Methyl Acetate	<0.00500	0.0150								
Methyl tert-butyl ether	<0.00100	0.00500								
Methylcyclohexane	<0.00500	0.0150								
Methylene chloride	<0.00500	0.00500								
Naphthalene	<0.00500	0.0150								
n-Butylbenzene	<0.00100	0.00500								
n-Propylbenzene	<0.00100	0.00500								
o-Xylene	<0.00100	0.00500								
p-Isopropyltoluene	<0.00100	0.00500								
sec-Butylbenzene	<0.00100	0.00500								
Styrene	<0.00100	0.00500								
tert-Butylbenzene	<0.00100	0.00500								
Tetrachloroethene	<0.00100	0.00500								
Toluene	<0.00100	0.00500								
trans-1,2-Dichloroethene	<0.00100	0.00500								
trans-1,3-Dichloropropene	<0.00100	0.00500								
Trichloroethene	<0.00100	0.00500								
Trichlorofluoromethane	<0.00500	0.0150								
Vinyl chloride	<0.00100	0.00500								
Xylenes, Total	<0.00100	0.00500								
Surr: 1,2-Dichloroethane-d4	46.2		50.00		92.3	52	149			
Surr: 4-Bromofluorobenzene	50.9		50.00		102	84	118			
Surr: Dibromofluoromethane	47.0		50.00		94.0	65	135			
Surr: Toluene-d8	47.5		50.00		95.0	84	116			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201162
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_220121A

Sample ID: **ICV-220121** Batch ID: **R118965** TestNo: **SW8260D** Units: **mg/Kg**
SampType: **ICV** Run ID: **GCMS2_220121A** Analysis Date: **1/21/2022 1:38:00 PM** Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	0.0359	0.00500	0.0464	0	77.4	70	130			
1,1,1-Trichloroethane	0.0371	0.00500	0.0464	0	80.0	70	130			
1,1,2,2-Tetrachloroethane	0.0399	0.00500	0.0464	0	85.9	70	130			
1,1,2-Trichloroethane	0.0360	0.00500	0.0464	0	77.6	70	130			
1,1,2-Trichlorotrifluoroethane	0.0450	0.0150	0.0464	0	97.1	70	130			
1,1-Dichloroethane	0.0369	0.00500	0.0464	0	79.5	70	130			
1,1-Dichloroethene	0.0379	0.00500	0.0464	0	81.6	70	130			
1,1-Dichloropropene	0.0370	0.00500	0.0464	0	79.7	70	130			
1,2,3-Trichlorobenzene	0.0401	0.00500	0.0464	0	86.5	70	130			
1,2,3-Trichloropropane	0.0413	0.00500	0.0464	0	88.9	70	130			
1,2,4-Trichlorobenzene	0.0391	0.00500	0.0464	0	84.3	70	130			
1,2,4-Trimethylbenzene	0.0405	0.00500	0.0464	0	87.3	70	130			
1,2-Dibromo-3-chloropropane	0.0407	0.00500	0.0464	0	87.8	70	130			
1,2-Dibromoethane	0.0387	0.00500	0.0464	0	83.5	70	130			
1,2-Dichlorobenzene	0.0399	0.00500	0.0464	0	86.0	70	130			
1,2-Dichloroethane	0.0372	0.00500	0.0464	0	80.1	70	130			
1,2-Dichloropropane	0.0372	0.00500	0.0464	0	80.1	70	130			
1,3,5-Trimethylbenzene	0.0390	0.00500	0.0464	0	84.1	70	130			
1,3-Dichlorobenzene	0.0399	0.00500	0.0464	0	86.0	70	130			
1,3-Dichloropropane	0.0373	0.00500	0.0464	0	80.3	70	130			
1,4-Dichlorobenzene	0.0382	0.00500	0.0464	0	82.3	70	130			
1-Chlorohexane	0.0310	0.00500	0.0464	0	66.8	70	130			S
2,2-Dichloropropane	0.0387	0.00500	0.0464	0	83.4	70	130			
2-Butanone	0.415	0.0150	0.464	0	89.4	70	130			
2-Chlorotoluene	0.0383	0.00500	0.0464	0	82.5	70	130			
2-Hexanone	0.423	0.0150	0.464	0	91.2	70	130			
4-Chlorotoluene	0.0393	0.00500	0.0464	0	84.8	70	130			
4-Methyl-2-pentanone	0.414	0.0150	0.464	0	89.1	70	130			
Acetone	0.433	0.0500	0.464	0	93.4	70	130			
Benzene	0.0370	0.00500	0.0464	0	79.8	70	130			
Bromobenzene	0.0382	0.00500	0.0464	0	82.4	70	130			
Bromochloromethane	0.0375	0.00500	0.0464	0	80.7	70	130			
Bromodichloromethane	0.0368	0.00500	0.0464	0	79.2	70	130			
Bromoform	0.0373	0.00500	0.0464	0	80.3	70	130			
Bromomethane	0.0376	0.00500	0.0464	0	81.1	70	130			
Carbon disulfide	0.0343	0.0150	0.0464	0	73.8	70	130			
Carbon tetrachloride	0.0368	0.00500	0.0464	0	79.4	70	130			
Chlorobenzene	0.0360	0.00500	0.0464	0	77.7	70	130			
Chloroethane	0.0362	0.00500	0.0464	0	78.1	70	130			
Chloroform	0.0363	0.00500	0.0464	0	78.2	70	130			
Chloromethane	0.0336	0.00500	0.0464	0	72.5	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201162
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS2_220121A

Sample ID: **ICV-220121** Batch ID: **R118965** TestNo: **SW8260D** Units: **mg/Kg**
SampType: **ICV** Run ID: **GCMS2_220121A** Analysis Date: **1/21/2022 1:38:00 PM** Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	0.0365	0.00500	0.0464	0	78.6	70	130			
cis-1,3-Dichloropropene	0.0361	0.00500	0.0464	0	77.9	70	130			
Cyclohexane	0.0429	0.0150	0.0464	0	92.4	70	130			N
Dibromochloromethane	0.0371	0.00500	0.0464	0	79.9	70	130			
Dibromomethane	0.0369	0.00500	0.0464	0	79.5	70	130			
Dichlorodifluoromethane	0.0313	0.00500	0.0464	0	67.4	70	130			S
Ethylbenzene	0.0371	0.00500	0.0464	0	79.9	70	130			
Hexachlorobutadiene	0.0419	0.00500	0.0464	0	90.3	70	130			
Isopropylbenzene	0.0371	0.00500	0.0464	0	80.0	70	130			
m,p-Xylene	0.0731	0.00500	0.0928	0	78.7	70	130			
Methyl Acetate	0.0456	0.0150	0.0464	0	98.3	70	130			
Methyl tert-butyl ether	0.0385	0.00500	0.0464	0	82.9	70	130			
Methylcyclohexane	0.0429	0.0150	0.0464	0	92.5	70	130			
Methylene chloride	0.0378	0.00500	0.0464	0	81.4	70	130			
Naphthalene	0.0386	0.0150	0.0464	0	83.1	70	130			
n-Butylbenzene	0.0425	0.00500	0.0464	0	91.6	70	130			
n-Propylbenzene	0.0395	0.00500	0.0464	0	85.2	70	130			
o-Xylene	0.0371	0.00500	0.0464	0	79.9	70	130			
p-Isopropyltoluene	0.0405	0.00500	0.0464	0	87.2	70	130			
sec-Butylbenzene	0.0393	0.00500	0.0464	0	84.7	70	130			
Styrene	0.0386	0.00500	0.0464	0	83.1	70	130			
tert-Butylbenzene	0.0384	0.00500	0.0464	0	82.8	70	130			
Tetrachloroethene	0.0354	0.00500	0.0464	0	76.3	70	130			
Toluene	0.0353	0.00500	0.0464	0	76.1	70	130			
trans-1,2-Dichloroethene	0.0373	0.00500	0.0464	0	80.4	70	130			
trans-1,3-Dichloropropene	0.0329	0.00500	0.0464	0	70.8	70	130			
Trichloroethene	0.0363	0.00500	0.0464	0	78.2	70	130			
Trichlorofluoromethane	0.0373	0.0150	0.0464	0	80.4	70	130			
Vinyl chloride	0.0341	0.00500	0.0464	0	73.4	70	130			
Xylenes, Total	0.110	0.00500	0.139	0	79.1	70	130			
Surr: 1,2-Dichloroethane-d4	49.1		50.00		98.2	52	149			
Surr: 4-Bromofluorobenzene	50.3		50.00		101	84	118			
Surr: Dibromofluoromethane	48.0		50.00		96.0	65	135			
Surr: Toluene-d8	50.4		50.00		101	84	116			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201162
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_211122A

Sample ID: **DCS-102938**	Batch ID: **102938**	TestNo: **SW8260D**	Units: **mg/L**
SampType: **DCS**	Run ID: **GCMS7_211122A**	Analysis Date: **11/23/2021 12:57:00 A**	Prep Date: **11/22/2021**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	0.000720	0.00100	0.000464	0	155	10	400	0	0	
1,1,1-Trichloroethane	0.000850	0.00100	0.000464	0	183	10	400	0	0	
1,1,2,2-Tetrachloroethane	0.000790	0.00100	0.000464	0	170	10	400	0	0	
1,1,2-Trichloroethane	0.000840	0.00100	0.000464	0	181	10	400	0	0	
1,1,2-Trichlorotrifluoroethane	0.0120	0.0150	0.00928	0	129	10	400	0	0	
1,1-Dichloroethane	0.000810	0.00100	0.000464	0	175	10	400	0	0	
1,1-Dichloroethene	0.000910	0.00100	0.000464	0	196	10	400	0	0	
1,1-Dichloropropene	0.000780	0.00100	0.000464	0	168	10	400	0	0	
1,2,3-Trichloropropane	0.000790	0.00100	0.000464	0	170	10	400	0	0	
1,2-Dibromoethane	0.000780	0.00100	0.000464	0	168	10	400	0	0	
1,2-Dichlorobenzene	0.000900	0.00100	0.000464	0	194	10	400	0	0	
1,2-Dichloroethane	0.000860	0.00100	0.000464	0	185	10	400	0	0	
1,2-Dichloropropane	0.000720	0.00100	0.000464	0	155	10	400	0	0	
1,3-Dichlorobenzene	0.000760	0.00100	0.000464	0	164	10	400	0	0	
1,3-Dichloropropane	0.000740	0.00100	0.000464	0	159	10	400	0	0	
1,4-Dichlorobenzene	0.000870	0.00100	0.000464	0	188	10	400	0	0	
2,2-Dichloropropane	0.000690	0.00100	0.000464	0	149	10	400	0	0	
2-Butanone	0.0108	0.0150	0.00928	0	117	10	400	0	0	
2-Chlorotoluene	0.000680	0.00100	0.000464	0	147	10	400	0	0	
2-Hexanone	0.00904	0.0150	0.00928	0	97.4	10	400	0	0	
4-Chlorotoluene	0.000660	0.00100	0.000464	0	142	10	400	0	0	
4-Methyl-2-pentanone	0.0103	0.0150	0.00928	0	111	10	400	0	0	
Acetone	0.0112	0.0150	0.00928	0	121	10	400	0	0	
Benzene	0.000810	0.00100	0.000464	0	175	10	400	0	0	
Bromobenzene	0.000790	0.00100	0.000464	0	170	10	400	0	0	
Bromochloromethane	0.000830	0.00100	0.000464	0	179	10	400	0	0	
Bromodichloromethane	0.000780	0.00100	0.000464	0	168	10	400	0	0	
Bromoform	0.000760	0.00100	0.000464	0	164	10	400	0	0	
Carbon disulfide	0.0123	0.0150	0.00928	0	133	10	400	0	0	
Carbon tetrachloride	0.000670	0.00100	0.000464	0	144	10	400	0	0	
Chlorobenzene	0.00110	0.00100	0.000464	0	237	10	400	0	0	
Chloroform	0.000740	0.00100	0.000464	0	159	10	400	0	0	
cis-1,2-Dichloroethene	0.000830	0.00100	0.000464	0	179	10	400	0	0	
cis-1,3-Dichloropropene	0.000700	0.00100	0.000464	0	151	10	400	0	0	
Cyclohexane	0.00945	0.0150	0.00928	0	102	10	400	0	0	N
Dibromochloromethane	0.000770	0.00100	0.000464	0	166	10	400	0	0	
Dibromomethane	0.000860	0.00100	0.000464	0	185	10	400	0	0	
Ethylbenzene	0.000710	0.00100	0.000464	0	153	10	400	0	0	
Isopropylbenzene	0.000710	0.00100	0.000464	0	153	10	400	0	0	
m,p-Xylene	0.00142	0.00200	0.000928	0	153	10	400	0	0	
Methyl Acetate	0.00874	0.0150	0.00928	0	94.2	10	400	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

Sample ID: **DCS-102938**	Batch ID: **102938**	TestNo: **SW8260D**	Units: **mg/L**
SampType: **DCS**	Run ID: **GCMS7_211122A**	Analysis Date: **11/23/2021 12:57:00 A**	Prep Date: **11/22/2021**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	0.000740	0.00100	0.000464	0	159	10	400	0	0	
Methylcyclohexane	0.00875	0.0150	0.00928	0	94.3	10	400	0	0	
n-Butylbenzene	0.000560	0.00100	0.000464	0	121	10	400	0	0	
n-Propylbenzene	0.000670	0.00100	0.000464	0	144	10	400	0	0	
o-Xylene	0.000680	0.00100	0.000464	0	147	10	400	0	0	
p-Isopropyltoluene	0.000630	0.00100	0.000464	0	136	10	400	0	0	
sec-Butylbenzene	0.000680	0.00100	0.000464	0	147	10	400	0	0	
Styrene	0.000600	0.00100	0.000464	0	129	10	400	0	0	
tert-Butylbenzene	0.000700	0.00100	0.000464	0	151	10	400	0	0	
Tetrachloroethene	0.000790	0.00200	0.000464	0	170	10	400	0	0	
Toluene	0.000820	0.00200	0.000464	0	177	10	400	0	0	
trans-1,2-Dichloroethene	0.000820	0.00100	0.000464	0	177	10	400	0	0	
trans-1,3-Dichloropropene	0.000720	0.00100	0.000464	0	155	10	400	0	0	
Trichloroethene	0.000860	0.00100	0.000464	0	185	10	400	0	0	
Total Xylenes	0.00210	0.00100	0.00139	0	151	10	400	0	0	

Sample ID: **DCS2-102938**	Batch ID: **102938**	TestNo: **SW8260D**	Units: **mg/L**
SampType: **DCS2**	Run ID: **GCMS7_211122A**	Analysis Date: **11/23/2021 1:21:00 AM**	Prep Date: **11/22/2021**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2,3-Trichlorobenzene	0.00199	0.00500	0.00186	0	107	10	400	0	0	
1,2,4-Trichlorobenzene	0.00157	0.00500	0.00186	0	84.4	10	400	0	0	
1,2,4-Trimethylbenzene	0.00134	0.00500	0.00186	0	72.0	10	400	0	0	
1,2-Dibromo-3-chloropropane	0.00132	0.0100	0.00186	0	71.0	10	400	0	0	
1,3,5-Trimethylbenzene	0.00137	0.00500	0.00186	0	73.7	10	400	0	0	
1-Chlorohexane	0.000770	0.00500	0.00186	0	41.4	10	400	0	0	
Hexachlorobutadiene	0.00194	0.00300	0.00186	0	104	10	400	0	0	
Methylene chloride	0.00391	0.00250	0.00186	0	210	10	400	0	0	
Naphthalene	0.00158	0.0150	0.00186	0	84.9	10	400	0	0	

Sample ID: **DCS-102938**	Batch ID: **102938**	TestNo: **SW8260D**	Units: **mg/L**
SampType: **DCS**	Run ID: **GCMS7_211122A**	Analysis Date: **11/23/2021 10:01:00 A**	Prep Date: **11/22/2021**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Bromomethane	0.000360	0.00100	0.000464	0	77.6	10	400	0	0	
Chloroethane	0.000280	0.00100	0.000464	0	60.3	10	400	0	0	
Chloromethane	0.000320	0.00100	0.000464	0	69.0	10	400	0	0	
Dichlorodifluoromethane	0.000290	0.00100	0.000464	0	62.5	10	400	0	0	
Trichlorofluoromethane	0.000430	0.00100	0.000464	0	92.7	10	400	0	0	
Vinyl chloride	0.000340	0.00100	0.000464	0	73.3	10	400	0	0	

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201162
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_220124A

The QC data in batch 103641 applies to the following samples: 2201162-01A

Sample ID: **LCS-103641** Batch ID: **103641** TestNo: **SW8260D** Units: **mg/L**
SampType: **LCS** Run ID: **GCMS7_220124A** Analysis Date: **1/24/2022 12:42:00 PM** Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	0.0202	0.00100	0.0232	0	87.2	81	129			
1,1,1-Trichloroethane	0.0234	0.00100	0.0232	0	101	67	132			
1,1,2,2-Tetrachloroethane	0.0195	0.00100	0.0232	0	83.9	63	128			
1,1,2-Trichloroethane	0.0238	0.00100	0.0232	0	103	75	125			
1,1,2-Trichlorotrifluoroethane	0.0186	0.0150	0.0232	0	80.1	67	125			
1,1-Dichloroethane	0.0230	0.00100	0.0232	0	99.0	69	133			
1,1-Dichloroethene	0.0234	0.00100	0.0232	0	101	68	130			
1,1-Dichloropropene	0.0234	0.00100	0.0232	0	101	73	132			
1,2,3-Trichlorobenzene	0.0264	0.00500	0.0232	0	114	67	137			
1,2,3-Trichloropropane	0.0197	0.00100	0.0232	0	85.0	73	124			
1,2,4-Trichlorobenzene	0.0237	0.00500	0.0232	0	102	66	134			
1,2,4-Trimethylbenzene	0.0192	0.00500	0.0232	0	82.8	74	132			
1,2-Dibromo-3-chloropropane	0.0216	0.0100	0.0232	0	93.2	50	132			
1,2-Dibromoethane	0.0209	0.00100	0.0232	0	90.1	80	121			
1,2-Dichlorobenzene	0.0200	0.00100	0.0232	0	86.3	75	122			
1,2-Dichloroethane	0.0223	0.00100	0.0232	0	96.1	69	132			
1,2-Dichloropropane	0.0227	0.00100	0.0232	0	97.9	75	125			
1,3,5-Trimethylbenzene	0.0195	0.00500	0.0232	0	84.2	74	131			
1,3-Dichlorobenzene	0.0196	0.00100	0.0232	0	84.6	75	124			
1,3-Dichloropropane	0.0203	0.00100	0.0232	0	87.6	73	126			
1,4-Dichlorobenzene	0.0193	0.00100	0.0232	0	83.3	74	123			
1-Chlorohexane	0.0189	0.00500	0.0232	0	81.3	70	125			
2,2-Dichloropropane	0.0237	0.00100	0.0232	0	102	69	137			
2-Butanone	0.135	0.0150	0.116	0	116	49	136			
2-Chlorotoluene	0.0196	0.00100	0.0232	0	84.3	73	126			
2-Hexanone	0.109	0.0150	0.116	0	94.1	50	150			
4-Chlorotoluene	0.0197	0.00100	0.0232	0	85.0	74	128			
4-Methyl-2-pentanone	0.106	0.0150	0.116	0	91.6	60	134			
Acetone	0.123	0.0150	0.116	0	106	40	135			
Benzene	0.0237	0.00100	0.0232	0	102	81	122			
Bromobenzene	0.0194	0.00100	0.0232	0	83.6	76	124			
Bromochloromethane	0.0235	0.00100	0.0232	0	101	65	129			
Bromodichloromethane	0.0233	0.00100	0.0232	0	100	76	121			
Bromoform	0.0213	0.00100	0.0232	0	91.7	69	128			
Bromomethane	0.0173	0.00100	0.0232	0	74.7	53	141			
Carbon disulfide	0.0203	0.0150	0.0232	0	87.7	50	150			
Carbon tetrachloride	0.0256	0.00100	0.0232	0	110	66	138			
Chlorobenzene	0.0204	0.00100	0.0232	0	87.7	81	122			
Chloroethane	0.0221	0.00100	0.0232	0	95.1	58	133			
Chloroform	0.0228	0.00100	0.0232	0	98.3	69	128			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201162
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_220124A

Sample ID: **LCS-103641**	Batch ID: **103641**	TestNo: **SW8260D**	Units: **mg/L**
SampType: **LCS**	Run ID: **GCMS7_220124A**	Analysis Date: **1/24/2022 12:42:00 PM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloromethane	0.0226	0.00100	0.0232	0	97.2	56	131			
cis-1,2-Dichloroethene	0.0234	0.00100	0.0232	0	101	72	126			
cis-1,3-Dichloropropene	0.0236	0.00100	0.0232	0	102	69	131			
Cyclohexane	0.0178	0.0150	0.0232	0	76.5	40	161			N
Dibromochloromethane	0.0207	0.00100	0.0232	0	89.0	66	133			
Dibromomethane	0.0229	0.00100	0.0232	0	98.8	76	125			
Dichlorodifluoromethane	0.0281	0.00100	0.0232	0	121	53	153			
Ethylbenzene	0.0203	0.00100	0.0232	0	87.6	80	120			
Hexachlorobutadiene	0.0271	0.00300	0.0232	0	117	67	131			
Isopropylbenzene	0.0205	0.00100	0.0232	0	88.3	75	127			
m,p-Xylene	0.0408	0.00200	0.0464	0	87.8	80	120			
Methyl Acetate	0.0158	0.0150	0.0232	0	68.3	50	150			
Methyl tert-butyl ether	0.0214	0.00100	0.0232	0	92.2	68	123			
Methylcyclohexane	0.0187	0.0150	0.0232	0	80.6	70	130			
Methylene chloride	0.0250	0.00250	0.0232	0	108	63	137			
Naphthalene	0.0230	0.0150	0.0232	0	99.3	54	138			
n-Butylbenzene	0.0194	0.00100	0.0232	0	83.4	69	137			
n-Propylbenzene	0.0192	0.00100	0.0232	0	82.7	72	129			
o-Xylene	0.0204	0.00100	0.0232	0	88.1	80	120			
p-Isopropyltoluene	0.0196	0.00100	0.0232	0	84.5	73	130			
sec-Butylbenzene	0.0194	0.00100	0.0232	0	83.8	72	127			
Styrene	0.0199	0.00100	0.0232	0	85.6	65	134			
tert-Butylbenzene	0.0195	0.00100	0.0232	0	83.9	70	129			
Tetrachloroethene	0.0207	0.00200	0.0232	0	89.1	66	128			
Toluene	0.0232	0.00200	0.0232	0	100	80	120			
trans-1,2-Dichloroethene	0.0236	0.00100	0.0232	0	102	63	137			
trans-1,3-Dichloropropene	0.0239	0.00100	0.0232	0	103	59	135			
Trichloroethene	0.0236	0.00100	0.0232	0	102	70	127			
Trichlorofluoromethane	0.0260	0.00100	0.0232	0	112	57	129			
Vinyl chloride	0.0257	0.00100	0.0232	0	111	50	134			
Total Xylenes	0.0612	0.00100	0.0696	0	87.9	80	120			
Surr: 1,2-Dichloroethane-d4	178		200.0		89.0	72	119			
Surr: 4-Bromofluorobenzene	189		200.0		94.6	76	119			
Surr: Dibromofluoromethane	188		200.0		93.8	85	115			
Surr: Toluene-d8	171		200.0		85.4	81	120			

Sample ID: **MB-103641**	Batch ID: **103641**	TestNo: **SW8260D**	Units: **mg/L**
SampType: **MBLK**	Run ID: **GCMS7_220124A**	Analysis Date: **1/24/2022 1:56:00 PM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	<0.000300	0.00100								

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201162
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_220124A

Sample ID: **MB-103641**	Batch ID: **103641**	TestNo: **SW8260D**	Units: **mg/L**
SampType: **MBLK**	Run ID: **GCMS7_220124A**	Analysis Date: **1/24/2022 1:56:00 PM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.000300	0.00100								
1,1,2,2-Tetrachloroethane	<0.000300	0.00100								
1,1,2-Trichloroethane	<0.000300	0.00100								
1,1,2-Trichlorotrifluoroethane	<0.00500	0.0150								
1,1-Dichloroethane	<0.000300	0.00100								
1,1-Dichloroethene	<0.000300	0.00100								
1,1-Dichloropropene	<0.000300	0.00100								
1,2,3-Trichlorobenzene	<0.00150	0.00500								
1,2,3-Trichloropropane	<0.000300	0.00100								
1,2,4-Trichlorobenzene	<0.00150	0.00500								
1,2,4-Trimethylbenzene	<0.00150	0.00500								
1,2-Dibromo-3-chloropropane	<0.00300	0.0100								
1,2-Dibromoethane	<0.000300	0.00100								
1,2-Dichlorobenzene	<0.000300	0.00100								
1,2-Dichloroethane	<0.000300	0.00100								
1,2-Dichloropropane	<0.000300	0.00100								
1,3,5-Trimethylbenzene	<0.00150	0.00500								
1,3-Dichlorobenzene	<0.000300	0.00100								
1,3-Dichloropropane	<0.000300	0.00100								
1,4-Dichlorobenzene	<0.000300	0.00100								
1-Chlorohexane	<0.00100	0.00500								
2,2-Dichloropropane	<0.000300	0.00100								
2-Butanone	<0.00500	0.0150								
2-Chlorotoluene	<0.000300	0.00100								
2-Hexanone	<0.00500	0.0150								
4-Chlorotoluene	<0.000300	0.00100								
4-Methyl-2-pentanone	<0.00500	0.0150								
Acetone	<0.00500	0.0150								
Benzene	<0.000300	0.00100								
Bromobenzene	<0.000300	0.00100								
Bromochloromethane	<0.000300	0.00100								
Bromodichloromethane	<0.000300	0.00100								
Bromoform	<0.000300	0.00100								
Bromomethane	<0.000300	0.00100								
Carbon disulfide	<0.00500	0.0150								
Carbon tetrachloride	<0.000300	0.00100								
Chlorobenzene	<0.000300	0.00100								
Chloroethane	<0.000300	0.00100								
Chloroform	<0.000300	0.00100								
Chloromethane	<0.000300	0.00100								
cis-1,2-Dichloroethene	<0.000300	0.00100								

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_220124A

Sample ID: **MB-103641** Batch ID: **103641** TestNo: **SW8260D** Units: **mg/L**
SampType: **MBLK** Run ID: **GCMS7_220124A** Analysis Date: **1/24/2022 1:56:00 PM** Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
cis-1,3-Dichloropropene	<0.000300	0.00100								
Cyclohexane	<0.00500	0.0150								N
Dibromochloromethane	<0.000300	0.00100								
Dibromomethane	<0.000300	0.00100								
Dichlorodifluoromethane	<0.000300	0.00100								
Ethylbenzene	<0.000300	0.00100								
Hexachlorobutadiene	<0.00100	0.00300								
Isopropylbenzene	<0.000300	0.00100								
m,p-Xylene	<0.000600	0.00200								
Methyl Acetate	<0.00500	0.0150								
Methyl tert-butyl ether	<0.000300	0.00100								
Methylcyclohexane	<0.00500	0.0150								
Methylene chloride	<0.00250	0.00250								
Naphthalene	<0.00500	0.0150								
n-Butylbenzene	<0.000300	0.00100								
n-Propylbenzene	<0.000300	0.00100								
o-Xylene	<0.000300	0.00100								
p-Isopropyltoluene	<0.000300	0.00100								
sec-Butylbenzene	<0.000300	0.00100								
Styrene	<0.000300	0.00100								
tert-Butylbenzene	<0.000300	0.00100								
Tetrachloroethene	<0.000600	0.00200								
Toluene	<0.000600	0.00200								
trans-1,2-Dichloroethene	<0.000300	0.00100								
trans-1,3-Dichloropropene	<0.000300	0.00100								
Trichloroethene	<0.000600	0.00100								
Trichlorofluoromethane	<0.000300	0.00100								
Vinyl chloride	<0.000300	0.00100								
Total Xylenes	<0.000300	0.00100								
Surr: 1,2-Dichloroethane-d4	183		200.0		91.5	72	119			
Surr: 4-Bromofluorobenzene	189		200.0		94.6	76	119			
Surr: Dibromofluoromethane	192		200.0		96.0	85	115			
Surr: Toluene-d8	170		200.0		84.8	81	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201162
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_220124A

Sample ID: **ICV-220124** Batch ID: **R118991** TestNo: **SW8260D** Units: **mg/L**
SampType: **ICV** Run ID: **GCMS7_220124A** Analysis Date: **1/24/2022 12:08:00 PM** Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	0.0457	0.00100	0.0464	0	98.5	70	130			
1,1,1-Trichloroethane	0.0509	0.00100	0.0464	0	110	70	130			
1,1,2,2-Tetrachloroethane	0.0430	0.00100	0.0464	0	92.6	70	130			
1,1,2-Trichloroethane	0.0520	0.00100	0.0464	0	112	70	130			
1,1,2-Trichlorotrifluoroethane	0.0483	0.0150	0.0464	0	104	70	130			
1,1-Dichloroethane	0.0507	0.00100	0.0464	0	109	70	130			
1,1-Dichloroethene	0.0514	0.00100	0.0464	0	111	70	130			
1,1-Dichloropropene	0.0516	0.00100	0.0464	0	111	70	130			
1,2,3-Trichlorobenzene	0.0511	0.00500	0.0464	0	110	70	130			
1,2,3-Trichloropropane	0.0440	0.00100	0.0464	0	94.8	70	130			
1,2,4-Trichlorobenzene	0.0493	0.00500	0.0464	0	106	70	130			
1,2,4-Trimethylbenzene	0.0429	0.00500	0.0464	0	92.5	70	130			
1,2-Dibromo-3-chloropropane	0.0459	0.0100	0.0464	0	98.9	70	130			
1,2-Dibromoethane	0.0471	0.00100	0.0464	0	101	70	130			
1,2-Dichlorobenzene	0.0432	0.00100	0.0464	0	93.1	70	130			
1,2-Dichloroethane	0.0490	0.00100	0.0464	0	105	70	130			
1,2-Dichloropropane	0.0505	0.00100	0.0464	0	109	70	130			
1,3,5-Trimethylbenzene	0.0428	0.00500	0.0464	0	92.2	70	130			
1,3-Dichlorobenzene	0.0432	0.00100	0.0464	0	93.1	70	130			
1,3-Dichloropropane	0.0457	0.00100	0.0464	0	98.5	70	130			
1,4-Dichlorobenzene	0.0421	0.00100	0.0464	0	90.7	70	130			
1-Chlorohexane	0.0390	0.00500	0.0464	0	84.1	70	130			
2,2-Dichloropropane	0.0514	0.00100	0.0464	0	111	70	130			
2-Butanone	0.245	0.0150	0.232	0	106	70	130			
2-Chlorotoluene	0.0432	0.00100	0.0464	0	93.0	70	130			
2-Hexanone	0.204	0.0150	0.232	0	87.8	70	130			
4-Chlorotoluene	0.0433	0.00100	0.0464	0	93.3	70	130			
4-Methyl-2-pentanone	0.197	0.0150	0.232	0	85.0	70	130			
Acetone	0.222	0.0150	0.232	0	95.7	70	130			
Benzene	0.0519	0.00100	0.0464	0	112	70	130			
Bromobenzene	0.0428	0.00100	0.0464	0	92.3	70	130			
Bromochloromethane	0.0524	0.00100	0.0464	0	113	70	130			
Bromodichloromethane	0.0514	0.00100	0.0464	0	111	70	130			
Bromoform	0.0478	0.00100	0.0464	0	103	70	130			
Bromomethane	0.0334	0.00100	0.0464	0	72.0	70	130			
Carbon disulfide	0.0398	0.0150	0.0464	0	85.7	70	130			
Carbon tetrachloride	0.0572	0.00100	0.0464	0	123	70	130			
Chlorobenzene	0.0451	0.00100	0.0464	0	97.2	70	130			
Chloroethane	0.0449	0.00100	0.0464	0	96.8	70	130			
Chloroform	0.0508	0.00100	0.0464	0	110	70	130			
Chloromethane	0.0479	0.00100	0.0464	0	103	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201162
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_220124A

Sample ID: **ICV-220124** Batch ID: **R118991** TestNo: **SW8260D** Units: **mg/L**
SampType: **ICV** Run ID: **GCMS7_220124A** Analysis Date: **1/24/2022 12:08:00 PM** Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	0.0518	0.00100	0.0464	0	112	70	130			
cis-1,3-Dichloropropene	0.0533	0.00100	0.0464	0	115	70	130			
Cyclohexane	0.0467	0.0150	0.0464	0	101	70	130			N
Dibromochloromethane	0.0469	0.00100	0.0464	0	101	70	130			
Dibromomethane	0.0505	0.00100	0.0464	0	109	70	130			
Dichlorodifluoromethane	0.0584	0.00100	0.0464	0	126	70	130			
Ethylbenzene	0.0454	0.00100	0.0464	0	97.8	70	130			
Hexachlorobutadiene	0.0577	0.00300	0.0464	0	124	70	130			
Isopropylbenzene	0.0451	0.00100	0.0464	0	97.2	70	130			
m,p-Xylene	0.0911	0.00200	0.0928	0	98.2	70	130			
Methyl Acetate	0.0427	0.0150	0.0464	0	92.0	70	130			
Methyl tert-butyl ether	0.0478	0.00100	0.0464	0	103	70	130			
Methylcyclohexane	0.0497	0.0150	0.0464	0	107	70	130			
Methylene chloride	0.0547	0.00250	0.0464	0	118	70	130			
Naphthalene	0.0446	0.0150	0.0464	0	96.2	70	130			
n-Butylbenzene	0.0437	0.00100	0.0464	0	94.2	70	130			
n-Propylbenzene	0.0423	0.00100	0.0464	0	91.2	70	130			
o-Xylene	0.0458	0.00100	0.0464	0	98.8	70	130			
p-Isopropyltoluene	0.0431	0.00100	0.0464	0	92.9	70	130			
sec-Butylbenzene	0.0426	0.00100	0.0464	0	91.8	70	130			
Styrene	0.0454	0.00100	0.0464	0	97.9	70	130			
tert-Butylbenzene	0.0429	0.00100	0.0464	0	92.5	70	130			
Tetrachloroethene	0.0460	0.00200	0.0464	0	99.1	70	130			
Toluene	0.0516	0.00200	0.0464	0	111	70	130			
trans-1,2-Dichloroethene	0.0521	0.00100	0.0464	0	112	70	130			
trans-1,3-Dichloropropene	0.0521	0.00100	0.0464	0	112	70	130			
Trichloroethene	0.0518	0.00100	0.0464	0	112	70	130			
Trichlorofluoromethane	0.0538	0.00100	0.0464	0	116	70	130			
Vinyl chloride	0.0540	0.00100	0.0464	0	116	70	130			
Total Xylenes	0.137	0.00100	0.139	0	98.4	70	130			
Surr: 1,2-Dichloroethane-d4	177		200.0		88.5	72	119			
Surr: 4-Bromofluorobenzene	190		200.0		95.0	76	119			
Surr: Dibromofluoromethane	187		200.0		93.3	85	115			
Surr: Toluene-d8	172		200.0		85.8	81	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.

ANALYTICAL QC SUMMARY REPORT

Work Order: 2201162

Project: Dallas Brownfield-Fair Park Phase II ESA (Soil) **RunID: PMOIST_220125A**

The QC data in batch 103673 applies to the following samples: 2201162-02C, 2201162-03C, 2201162-04C

Sample ID: **2201162-04C-DUP** Batch ID: **103673** TestNo: **D2216** Units: **WT%**

SampType: **DUP** Run ID: **PMOIST_220125A** Analysis Date: **1/26/2022 8:15:00 AM** Prep Date: **1/25/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Percent Moisture	2.66	0	0	2.514				5.54	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201162
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

MQL SUMMARY REPORT

TestNo: TX1005	MDL	MQL
Analyte	mg/Kg	mg/Kg
T/R Hydrocarbons: C6-C12	7.00	20.0
T/R Hydrocarbons: >C12-C28	7.00	20.0
T/R Hydrocarbons: >C28-C35	7.00	20.0
T/R Hydrocarbons: C6-C35	7.00	20.0

TestNo: TX1005	MDL	MQL
Analyte	mg/L	mg/L
T/R Hydrocarbons: C6-C12	0.700	2.00
T/R Hydrocarbons: >C12-C28	0.700	2.00
T/R Hydrocarbons: >C28-C35	0.700	2.00
T/R Hydrocarbons: C6-C35	0.700	2.00

TestNo: SW6020B	MDL	MQL
Analyte	mg/Kg	mg/Kg
Lead	0.100	0.300

TestNo: SW6020B	MDL	MQL
Analyte	mg/L	mg/L
Lead	0.000300	0.00100

TestNo: SW8260D	MDL	MQL
Analyte	mg/L	mg/L
1,1,1,2-Tetrachloroethane	0.000300	0.00100
1,1,1-Trichloroethane	0.000300	0.00100
1,1,2,2-Tetrachloroethane	0.000300	0.00100
1,1,2-Trichloroethane	0.000300	0.00100
1,1,2-Trichlorotrifluoroethane	0.00500	0.0150
1,1-Dichloroethane	0.000300	0.00100
1,1-Dichloroethene	0.000300	0.00100
1,1-Dichloropropene	0.000300	0.00100
1,2,3-Trichlorobenzene	0.00150	0.00500
1,2,3-Trichloropropane	0.000300	0.00100
1,2,4-Trichlorobenzene	0.00150	0.00500
1,2,4-Trimethylbenzene	0.00150	0.00500
1,2-Dibromo-3-chloropropane	0.00300	0.0100
1,2-Dibromoethane	0.000300	0.00100
1,2-Dichlorobenzene	0.000300	0.00100
1,2-Dichloroethane	0.000300	0.00100
1,2-Dichloropropane	0.000300	0.00100
1,3,5-Trimethylbenzene	0.00150	0.00500
1,3-Dichlorobenzene	0.000300	0.00100
1,3-Dichloropropane	0.000300	0.00100
1,4-Dichlorobenzene	0.000300	0.00100
1-Chlorohexane	0.00100	0.00500
2,2-Dichloropropane	0.000300	0.00100
2-Butanone	0.00500	0.0150
2-Chlorotoluene	0.000300	0.00100
2-Hexanone	0.00500	0.0150
4-Chlorotoluene	0.000300	0.00100
4-Methyl-2-pentanone	0.00500	0.0150
Acetone	0.00500	0.0150
Benzene	0.000300	0.00100
Bromobenzene	0.000300	0.00100
Bromochloromethane	0.000300	0.00100
Bromodichloromethane	0.000300	0.00100
Bromoform	0.000300	0.00100
Bromomethane	0.000300	0.00100
Carbon disulfide	0.00500	0.0150
Carbon tetrachloride	0.000300	0.00100
Chlorobenzene	0.000300	0.00100
Chloroethane	0.000300	0.00100
Chloroform	0.000300	0.00100
Chloromethane	0.000300	0.00100
cis-1,2-Dichloroethene	0.000300	0.00100
cis-1,3-Dichloropropene	0.000300	0.00100
Cyclohexane	0.00500	0.0150

Qualifiers: MQL -Method Quantitation Limit as defined by TRRP
MDL -Method Detection Limit as defined by TRRP

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201162
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

MQL SUMMARY REPORT

Dibromochloromethane	0.000300	0.00100
Dibromomethane	0.000300	0.00100
Dichlorodifluoromethane	0.000300	0.00100
Ethylbenzene	0.000300	0.00100
Hexachlorobutadiene	0.00100	0.00300
Isopropylbenzene	0.000300	0.00100
m,p-Xylene	0.000600	0.00200
Methyl Acetate	0.00500	0.0150
Methyl tert-butyl ether	0.000300	0.00100
Methylcyclohexane	0.00500	0.0150
Methylene chloride	0.00250	0.00250
Naphthalene	0.00500	0.0150
n-Butylbenzene	0.000300	0.00100
n-Propylbenzene	0.000300	0.00100
o-Xylene	0.000300	0.00100
p-Isopropyltoluene	0.000300	0.00100
sec-Butylbenzene	0.000300	0.00100
Styrene	0.000300	0.00100
tert-Butylbenzene	0.000300	0.00100
Tetrachloroethene	0.000600	0.00200
Toluene	0.000600	0.00200
trans-1,2-Dichloroethene	0.000300	0.00100
trans-1,3-Dichloropropene	0.000300	0.00100
Trichloroethene	0.000600	0.00100
Trichlorofluoromethane	0.000300	0.00100
Vinyl chloride	0.000300	0.00100
Total Xylenes	0.000300	0.00100

TestNo: SW8260D	**MDL**	**MQL**
Analyte	**mg/Kg**	**mg/Kg**
1,1,1,2-Tetrachloroethane	0.00100	0.00500
1,1,1-Trichloroethane	0.00100	0.00500
1,1,2,2-Tetrachloroethane	0.00100	0.00500
1,1,2-Trichloroethane	0.00100	0.00500
1,1,2-Trichlorotrifluoroethane	0.00500	0.0150
1,1-Dichloroethane	0.00100	0.00500
1,1-Dichloroethene	0.00100	0.00500
1,1-Dichloropropene	0.00100	0.00500
1,2,3-Trichlorobenzene	0.00100	0.00500
1,2,3-Trichloropropane	0.00100	0.00500
1,2,4-Trichlorobenzene	0.00100	0.00500
1,2,4-Trimethylbenzene	0.00100	0.00500
1,2-Dibromo-3-chloropropane	0.00100	0.00500
1,2-Dibromoethane	0.00100	0.00500
1,2-Dichlorobenzene	0.00100	0.00500
1,2-Dichloroethane	0.00100	0.00500
1,2-Dichloropropane	0.00100	0.00500
1,3,5-Trimethylbenzene	0.00100	0.00500
1,3-Dichlorobenzene	0.00100	0.00500
1,3-Dichloropropane	0.00100	0.00500
1,4-Dichlorobenzene	0.00100	0.00500
1-Chlorohexane	0.00100	0.00500
2,2-Dichloropropane	0.00100	0.00500
2-Butanone	0.00500	0.0150
2-Chlorotoluene	0.00100	0.00500
2-Hexanone	0.00500	0.0150
4-Chlorotoluene	0.00100	0.00500
4-Methyl-2-pentanone	0.00500	0.0150
Acetone	0.0150	0.0500
Benzene	0.00100	0.00500
Bromobenzene	0.00100	0.00500
Bromochloromethane	0.00100	0.00500
Bromodichloromethane	0.00100	0.00500
Bromoform	0.00100	0.00500
Bromomethane	0.00100	0.00500
Carbon disulfide	0.00500	0.0150
Carbon tetrachloride	0.00100	0.00500
Chlorobenzene	0.00100	0.00500
Chloroethane	0.00100	0.00500
Chloroform	0.00100	0.00500
Chloromethane	0.00100	0.00500
cis-1,2-Dichloroethene	0.00100	0.00500
cis-1,3-Dichloropropene	0.00100	0.00500
Cyclohexane	0.00500	0.0150
Dibromochloromethane	0.00100	0.00500
Dibromomethane	0.00100	0.00500

Qualifiers: MQL -Method Quantitation Limit as defined by TRRP
MDL -Method Detection Limit as defined by TRRP

Dichlorodifluoromethane	0.00100	0.00500
Ethylbenzene	0.00100	0.00500
Hexachlorobutadiene	0.00100	0.00500
Isopropylbenzene	0.00100	0.00500
m,p-Xylene	0.00100	0.00500
Methyl Acetate	0.00500	0.0150
Methyl tert-butyl ether	0.00100	0.00500
Methylcyclohexane	0.00500	0.0150
Methylene chloride	0.00500	0.00500
Naphthalene	0.00500	0.0150
n-Butylbenzene	0.00100	0.00500
n-Propylbenzene	0.00100	0.00500
o-Xylene	0.00100	0.00500
p-Isopropyltoluene	0.00100	0.00500
sec-Butylbenzene	0.00100	0.00500
Styrene	0.00100	0.00500
tert-Butylbenzene	0.00100	0.00500
Tetrachloroethene	0.00100	0.00500
Toluene	0.00100	0.00500
trans-1,2-Dichloroethene	0.00100	0.00500
trans-1,3-Dichloropropene	0.00100	0.00500
Trichloroethene	0.00100	0.00500
Trichlorofluoromethane	0.00500	0.0150
Vinyl chloride	0.00100	0.00500
Xylenes, Total	0.00100	0.00500

TestNo: SW8270E-LL	**MDL**	**MQL**
Analyte	**mg/L**	**mg/L**
Acenaphthene	0.0000250	0.0000500
Acenaphthylene	0.0000250	0.0000500
Anthracene	0.0000250	0.0000500
Benzo[a]anthracene	0.0000250	0.0000500
Benzo[a]pyrene	0.0000250	0.0000500
Benzo[b]fluoranthene	0.0000250	0.0000500
Benzo[g,h,i]perylene	0.0000250	0.0000500
Benzo[k]fluoranthene	0.0000250	0.0000500
Chrysene	0.0000250	0.0000500
Dibenz[a,h]anthracene	0.0000250	0.0000500
Fluoranthene	0.0000250	0.0000500
Fluorene	0.0000250	0.0000500
Indeno[1,2,3-cd]pyrene	0.0000250	0.0000500
Naphthalene	0.0000250	0.0000500
Phenanthrene	0.0000250	0.0000500
Pyrene	0.0000250	0.0000500

Qualifiers: MQL -Method Quantitation Limit as defined by TRRP
MDL -Method Detection Limit as defined by TRRP

January 31, 2022

Sarah Vonraesfeld
Stantec Consulting Services Inc.
1905 Aldrich Street #300
Austin, TX 78723-3544
TEL: (925) 627-4654
FAX

Order No.: 2201163

RE: Dallas Brownfield-Fair Park Phase II ESA (Water)

Dear Sarah Vonraesfeld:

DHL Analytical, Inc. received 3 sample(s) on 1/21/2022 for the analyses presented in the following report.

There were no problems with the analyses and all data met requirements of NELAP except where noted in the Case Narrative. All non-NELAP methods will be identified accordingly in the case narrative and all estimated uncertainties of test results are within method or EPA specifications.

If you have any questions regarding these tests results, please feel free to call. Thank you for using DHL Analytical.

Sincerely,

John DuPont
General Manager

This report was performed under the accreditation of the State of Texas Laboratory Certification Number: T104704211-21-27

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DHL ANALYTICAL
2300 Double Creek Dr. Round Rock, TX 78664
Phone 512.388.8222
Web: **www.dhlanalytical.com**
Email: **login@dhlanalytical.com**

CHAIN-OF-CUSTODY

CLIENT:	Stantec		LABORATORY USE ONLY
ADDRESS:	1340 Treat Blvd. Suite 525 Walnut Creek, CA 94597	PO#:	DHL WORKORDER #: 2201163
PHONE:	925-627-4654 EMAIL: sarah.vonraesfeld@stantec.com		
DATA REPORTED TO:	Sarah Von Raesfeld	PROJECT LOCATION OR NAME:	Dallas Brownfield - Fair Park Phase II ESA (Water)
ADDITIONAL REPORT COPIES TO:		CLIENT PROJECT #	COLLECTOR:

Authorize 5% surcharge for TRRP report? ☐ Yes ☐ No

Lab Use Only: W=WATER, L=LIQUID, S=SOIL, SO=SOLID, SE=SEDIMENT, P=PAINT, SL=SLUDGE

PRESERVATION: # of Containers; HCL; HNO_3; H_2SO_4; NaOH ☐ Zn Acetate ☐; ICE ☐ UNPRESERVED ☐

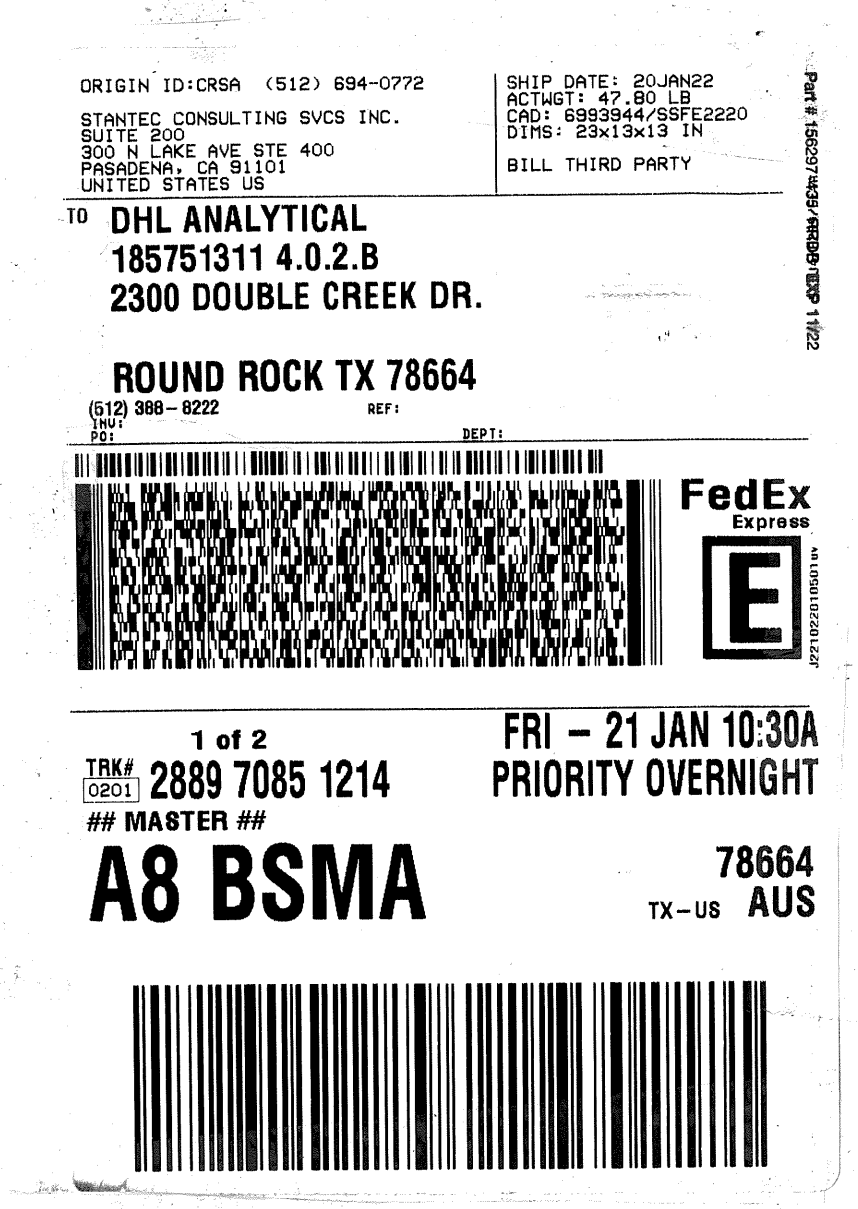
ANALYSES: BTEX ☐ MTBE ☐ [METHOD 8260]; TPH 1005 ☒ TPH 1006 ☐ HOLD 1006 ☒; GRO 8015 ☐ DRO 8015 ☐; VOC 8260 ☒ VOC 624.1 ☐; SVOC 8270 ☐ SVOC 625.1 ☐; PAH 8270 ☒ HOLD PAH ☐; PEST 8270 ☐ 625.1 ☐ O-P PEST 8270 ☐; PCB 8082 ☐ 608.3 ☐ PCB 8270 ☐ 625.1 ☐; HERB 8321 ☐ T PHOS ☐ AMMONIA ☐; METALS 6020 ☒ 200.8 ☐ DISS. METALS ☒ *; RCRA 8 ☐ TX11 ☐ ____ Pb____; pH☐ HEX CHROM☐ ALKALINITY☐ COD☐; ANIONS 300 ☐ 9056 ☐ _____; TCLP-SVOC ☐ VOC ☐ PEST ☐ HERB ☐; TCLP-METALS ☐ RCRA 8 ☐ TX-11 ☐ Pb ☐; RCI ☐ IGN ☐ DGAS ☐ OIL&GREASE ☐; TDS ☐ TSS ☐ % MOIST ☐ CYANIDE ☐; Diss Pb - Lab filter pre-Sarah V, 1/26/22

Field Sample I.D.	DHL Lab #	Collection Date	Collection Time	Matrix	Container Type	# of Containers	HCL	HNO_3	H_2SO_4	NaOH / Zn Acetate	ICE / UNPRESERVED	TPH 1005 / TPH 1006 / HOLD 1006	VOC 8260 / VOC 624.1	PAH 8270 / HOLD PAH	METALS 6020 / 200.8 DISS. METALS	Diss Pb - Lab filter pre-Sarah V, 1/26/22	FIELD NOTES
EB-WG	01	1-20-22	1140	W		11	X	X				X	X	X	X		*Lead only
B24-MW-G	02	1-20-22	1345	W		13	X	X				X	X	X	X	X	6010C
TB-012022	03	1-20-22	0900	W		2	X						X				

Relinquished By: (Sign) Stantec	DATE/TIME 1-20-22 1530	Received by: FedEx	TURN AROUND TIME (CALL FIRST FOR RUSH)
Relinquished By: (Sign) FedEx	DATE/TIME 1/21/22 0429	Received by:	RUSH-1 DAY☐ RUSH-2 DAY☐ RUSH-3 DAY☐
Relinquished By: (Sign)	DATE/TIME	Received by:	NORMAL ☐ OTHER ☐ DUE DATE ____ ☐

LABORATORY USE ONLY
RECEIVING TEMP (°C): 2.2°C/1.3°C THERM #: 78
CUSTODY SEALS: ☐ BROKEN ☒ INTACT ☐ NOT USED
CARRIER: ☐ LSO ☒ FEDEX ☐ UPS ☐ COURIER ☐ OTHER ☐ HAND DELIVERED

☐ DHL DISPOSAL @ 5.00 each ☐ Return



ORIGIN ID:CRSA (512) 694-0772

STANTEC CONSULTING SVCS INC.
SUITE 200
300 N LAKE AVE STE 400
PASADENA, CA 91101
UNITED STATES US

SHIP DATE: 20JAN22
ACTWGT: 47.80 LB
CAD: 6993944/SSFE2220
DIMS: 23x13x13 IN

BILL THIRD PARTY

Part # 156297-439/RRDD EXP 11/22

TO DHL ANALYTICAL
185751311 4.0.2.B
2300 DOUBLE CREEK DR.

ROUND ROCK TX 78664
(512) 388-8222 REF:
INV:
PO: DEPT:

FedEx Express

1 of 2

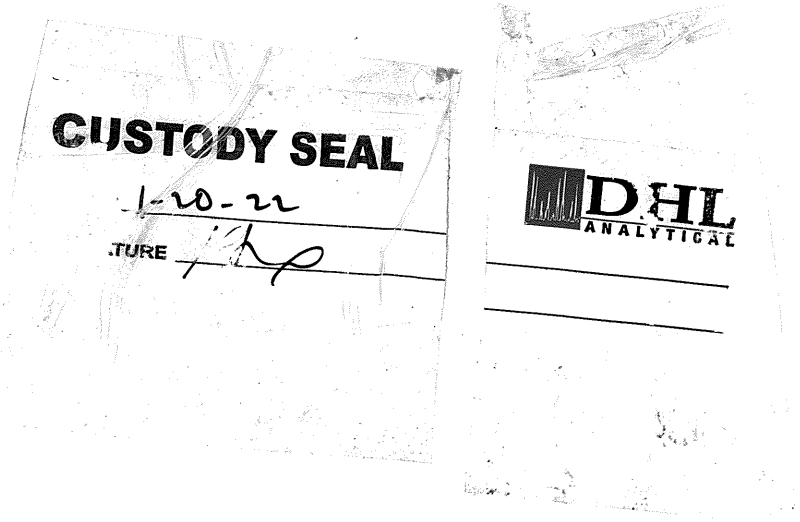
TRK# 0201 2889 7085 1214

FRI - 21 JAN 10:30A
PRIORITY OVERNIGHT

MASTER

A8 BSMA

78664
TX-US AUS



CUSTODY SEAL

1-20-22

TURE

DHL ANALYTICAL

DHL Analytical, Inc.

Sample Receipt Checklist

Client Name **Stantec Constulting Services Inc.** Date Received: **1/21/2022**

Work Order Number **2201163** Received by: **RA**

Checklist completed by: _____ 1/21/2022 Reviewed by (DL) 1/21/2022
Signature | Date | Initials | Date

Carrier name: FedEx 1day

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	2.2 °C /1.3 °C
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH<2 acceptable upon receipt?	Yes ☑	No ☐	NA ☐ LOT # 13171
	Adjusted? no		Checked by EL
Water - ph>9 (S) or ph>10 (CN) acceptable upon receipt?	Yes ☐	No ☐	NA ☑ LOT #
	Adjusted?		Checked by

Any No response must be detailed in the comments section below.

Client contacted: _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action: _____

Laboratory Name: DHL Analytical, Inc.

Laboratory Review Checklist: Reportable Data

Project Name: Dallas Brownfield-Fair Park Phase II ESA (Water)	**LRC Date:** 1/31/22
Reviewer Name: Carlos Castro	**Laboratory Work Order:** 2201163
Prep Batch Number(s): See Prep Dates Report	**Run Batch:** See Analytical Dates Report

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-Custody (C-O-C)					
R1	OI	**1)** Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	**X**				**R1-01**
		2) Were all departures from standard conditions described in an exception report?			**X**		
R2	OI	**Sample and Quality Control (QC) Identification**					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	**X**				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	**X**				
R3	OI	**Test Reports**					
		1) Were all samples prepared and analyzed within holding times?	**X**				
		2) Other than those results < MQL, were all other raw values bracketed by calibration standards?	**X**				
		3) Were calculations checked by a peer or supervisor?	**X**				
		4) Were all analyte identifications checked by a peer or supervisor?	**X**				
		5) Were sample detection limits reported for all analytes not detected?	**X**				
		6) Were all results for soil and sediment samples reported on a dry weight basis?			**X**		
		7) Were % moisture (or solids) reported for all soil and sediment samples?			**X**		
		8) Were bulk soils/solids samples for volatile analysis extracted with methanol per EPA Method 5035?			**X**		
		9) If required for the project, TICs reported?			**X**		
R4	O	**Surrogate Recovery Data**					
		1) Were surrogates added prior to extraction?	**X**				
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?	**X**				
R5	OI	**Test Reports/Summary Forms for Blank Samples**					
		1) Were appropriate type(s) of blanks analyzed?	**X**				
		2) Were blanks analyzed at the appropriate frequency?	**X**				
		3) Where method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	**X**				
		4) Were blank concentrations < MDL?	**X**				
		5) For analyte(s) detected in a blank sample, was the concentration, unadjusted for sample specific factors, in all associated field samples, **greater** than 10 times the concentration in the blank sample?			**X**		
R6	OI	**Laboratory Control Samples (LCS):**					
		1) Were all COCs included in the LCS?	**X**				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	**X**				
		3) Were LCSs analyzed at the required frequency?	**X**				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?		**X**			**R6-04**
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	**X**				
		6) Was the LCSD RPD within QC limits (if applicable)?	**X**				
R7	OI	**Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Data**					
		1) Were the project/method specified analytes included in the MS and MSD?			**X**		
		2) Were MS/MSD analyzed at the appropriate frequency?			**X**		
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			**X**		
		4) Were MS/MSD RPDs within laboratory QC limits?			**X**		
R8	OI	**Analytical Duplicate Data**					
		1) Were appropriate analytical duplicates analyzed for each matrix?			**X**		
		2) Were analytical duplicates analyzed at the appropriate frequency?			**X**		
		3) Were RPDs or relative standard deviations within the laboratory QC limits?			**X**		
R9	OI	**Method Quantitation Limits (MQLs):**					
		1) Are the MQLs for each method analyte included in the laboratory data package?	**X**				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	**X**				
		3) Are unadjusted MQLs and DCSs included in the laboratory data package?	**X**				
R10	OI	**Other Problems/Anomalies**					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	**X**				**R10-01**
		2) Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	**X**				
		3) Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	**X**				

Laboratory Name: DHL Analytical, Inc.

Laboratory Review Checklist (continued): Supporting Data

Project Name: Dallas Brownfield-Fair Park Phase II ESA (Water)	**LRC Date:** 1/31/22
Reviewer Name: Carlos Castro	**Laboratory Work Order:** 2201163
Prep Batch Number(s): See Prep Dates Report	**Run Batch:** See Analytical Dates Report

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial Calibration (ICAL)**					
		1) Were response factors and/or relative response factors for each analyte within QC limits?	X				
		2) Were percent RSDs or correlation coefficient criteria met?	X				
		3) Was the number of standards recommended in the method used for all analytes?	X				
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		5) Are ICAL data available for all instruments used?	X				
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and Continuing calibration Verification (ICCV and CCV) and Continuing Calibration blank (CCB):**					
		1) Was the CCV analyzed at the method-required frequency?	X				
		2) Were percent differences for each analyte within the method-required QC limits?	X				
		3) Was the ICAL curve verified for each analyte?	X				
		4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass Spectral Tuning:**					
		1) Was the appropriate compound for the method used for tuning?	X				
		2) Were ion abundance data within the method-required QC limits?	X				
S4	O	**Internal Standards (IS):**					
		1) Were IS area counts and retention times within the method-required QC limits?	X				
S5	OI	**Raw Data (NELAC Section 5.5.10)**					
		1) Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		2) Were data associated with manual integrations flagged on the raw data?	X				
S6	O	**Dual Column Confirmation**					
		1) Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively Identified Compounds (TICs):**					
		1) If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) Results:**					
		1) Were percent recoveries within method QC limits?	X				
S9	I	**Serial Dilutions, Post Digestion Spikes, and Method of Standard Additions**					
		1) Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	X				
S10	OI	**Method Detection Limit (MDL) Studies**					
		1) Was a MDL study performed for each reported analyte?	X				
		2) Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency Test Reports:**					
		1) Was the lab's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards Documentation**					
		1) Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/Analyte Identification Procedures**					
		1) Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of Analyst Competency (DOC)**					
		1) Was DOC conducted consistent with NELAC Chapter 5 – Appendix C?	X				
		2) Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/Validation Documentation for Methods** (NELAC Chapter 5)					
		1) Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory Standard Operating Procedures (SOPs):**					
		1) Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.

2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).

3 NA = Not applicable.

4 NR = Not Reviewed.

5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Data Package Signature Page – RG-366/TRRP-13

This data package consists of:

This signature page, the laboratory review checklist, and the following reportable data:

R1 Field chain-of-custody documentation;
R2 Sample identification cross-reference;
R3 Test reports (analytical data sheets) for each environmental sample that includes:
  a) Items consistent with NELAC Chapter 5,
  b) dilution factors,
  c) preparation methods,
  d) cleanup methods, and
  e) if required for the project, tentatively identified compounds (TICs).
R4 Surrogate recovery data including:
  a) Calculated recovery (%R), and
  b) The laboratory's surrogate QC limits.
R5 Test reports/summary forms for blank samples;
R6 Test reports/summary forms for laboratory control samples (LCSs) including:
  a) LCS spiking amounts,
  b) Calculated %R for each analyte, and
  c) The laboratory's LCS QC limits.
R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
  a) Samples associated with the MS/MSD clearly identified,
  b) MS/MSD spiking amounts,
  c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
  d) Calculated %Rs and relative percent differences (RPDs), and
  e) The laboratory's MS/MSD QC limits
R8 Laboratory analytical duplicate (if applicable) recovery and precision:
  a) The amount of analyte measured in the duplicate,
  b) The calculated RPD, and
  c) The laboratory's QC limits for analytical duplicates.
R9 List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix;
R10 Other problems or anomalies.

The Exception Report for each "No" or "Not Reviewed (NR)" item in the Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory is not accredited under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information or data affecting the quality of the data has been knowingly withheld.

This laboratory was last inspected by TCEQ on February 23-26 2021. Any findings affecting the data in this laboratory data package are noted in the Exception Reports herein. The official signing the cover page of the report in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

Name: John DuPont
Official Title: General Manager



Signature

01/31/22

Date

Name: Dr. Derhsing Luu
Official Title: Technical Director

DHL Analytical, Inc. **Date:** *31-Jan-22*

CLIENT:	Stantec Consulting Services Inc.
Project:	Dallas Brownfield-Fair Park Phase II ESA (Wat
Lab Order:	2201163

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Method SW6020B - Metals Analysis (total & dissolved)
Method SW8270E-LL - PAH Analysis
Method SW8260D - Volatiles Analysis (the compound Cyclohexane is not NELAP certified)
Method TX1005 - Total Petroleum Hydrocarbons Analysis

Exception Report R1-01

The samples were received and log-in performed on 1/21/22. A total of 3 samples were received. On 1/21/22 Dissolved Metals analysis was added on to sample B24-WG as per the client. This was performed as requested. The samples arrived in good condition and were properly packaged.

Exception Report R6-04

For PAH analysis performed on 1/25/22 the LCS and LCSD recoveries were slightly above control limits for Benzo[a]anthracene. These are flagged accordingly in the QC summary report. The associated samples (EB-WG & B24-WG) were below detection limits for this compound. No further corrective actions were taken.

Exception Report R10-01

Per project specification, MS/MSDs are from workorder or project samples only.

For TPH analysis an MS/MSD was not performed due to insufficient sample volume. An LCS/LCSD was performed instead.

For PAH analysis an MS/MSD was not performed due to insufficient sample volume. An LCS/LCSD was performed instead.

DHL Analytical, Inc.

Date: *31-Jan-22*

CLIENT: Stantec Consulting Services Inc.
Project: Dallas Brownfield-Fair Park Phase II ESA (Wat
Lab Order: 2201163

Work Order Sample Summary

Lab Smp ID	Client Sample ID	Tag Number	Date Collected	Date Recved
2201163-01	EB-WG		01/20/22 11:40 AM	1/21/2022
2201163-02	B24-WG		01/20/22 01:45 PM	1/21/2022
2201163-03	TB-012022		01/20/22 09:00 AM	1/21/2022

Lab Order: 2201163
Client: Stantec Consulting Services Inc.
Project: Dallas Brownfield-Fair Park Phase

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
2201163-01A	EB-WG	01/20/22 11:40 AM	Equip Blank	SW5030C	Purge and Trap Water GC/MS	01/26/22 02:21 PM	103693
2201163-01B	EB-WG	01/20/22 11:40 AM	Equip Blank	TX1005	TX1005 Water Prep	01/28/22 10:00 AM	103731
2201163-01C	EB-WG	01/20/22 11:40 AM	Equip Blank	SW3005A	Aq Prep Metals : ICP-MS	01/24/22 09:44 AM	103636
2201163-01D	EB-WG	01/20/22 11:40 AM	Equip Blank	SW3510C	Aq Prep Sep Funnel: PAH	01/25/22 08:14 AM	103653
2201163-02A	B24-WG	01/20/22 01:45 PM	Aqueous	SW5030C	Purge and Trap Water GC/MS	01/26/22 02:21 PM	103693
2201163-02B	B24-WG	01/20/22 01:45 PM	Aqueous	TX1005	TX1005 Water Prep	01/28/22 10:00 AM	103731
2201163-02C	B24-WG	01/20/22 01:45 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	01/24/22 09:44 AM	103636
2201163-02D	B24-WG	01/20/22 01:45 PM	Aqueous	SW3510C	Aq Prep Sep Funnel: PAH	01/25/22 08:14 AM	103653
2201163-02E	B24-WG	01/20/22 01:45 PM	Aqueous	SW3005A	Aq Prep Metals: Dissolved	01/26/22 07:34 AM	103678
2201163-03A	TB-012022	01/20/22 09:00 AM	Trip Blank	SW5030C	Purge and Trap Water GC/MS	01/26/22 02:21 PM	103693

Lab Order: 2201163
Client: Stantec Consulting Services Inc.
Project: Dallas Brownfield-Fair Park Phase

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
2201163-01A	EB-WG	Equip Blank	SW8260D	8260 Water Volatiles by GC/MS	103693	1	01/26/22 04:21 PM	GCMS7_220126A
2201163-01B	EB-WG	Equip Blank	TX1005	Tx1005 TPH Water	103731	1	01/28/22 11:55 AM	GC12_220128A
2201163-01C	EB-WG	Equip Blank	SW6020B	Trace Metals: ICP-MS - Water	103636	1	01/25/22 01:20 PM	ICP-MS5_220125B
2201163-01D	EB-WG	Equip Blank	SW8270E-LL	PAHs: GC/MS	103653	1	01/25/22 07:12 PM	GCMS6_220125B
2201163-02A	B24-WG	Aqueous	SW8260D	8260 Water Volatiles by GC/MS	103693	1	01/26/22 05:35 PM	GCMS7_220126A
2201163-02B	B24-WG	Aqueous	TX1005	Tx1005 TPH Water	103731	1	01/28/22 12:04 PM	GC12_220128A
2201163-02C	B24-WG	Aqueous	SW6020B	Trace Metals: ICP-MS - Water	103636	1	01/25/22 01:22 PM	ICP-MS5_220125B
2201163-02D	B24-WG	Aqueous	SW8270E-LL	PAHs: GC/MS	103653	1	01/25/22 07:41 PM	GCMS6_220125B
2201163-02E	B24-WG	Aqueous	SW6020B	Metals-ICPMS (0.45µ filtered)	103678	1	01/26/22 12:16 PM	ICP-MS5_220126A
2201163-03A	TB-012022	Trip Blank	SW8260D	8260 Water Volatiles by GC/MS	103693	1	01/26/22 04:46 PM	GCMS7_220126A

DHL Analytical, Inc.

Date: *31-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	EB-WG
Project:	Dallas Brownfield-Fair Park Phase II ESA (Wat	**Lab ID:**	2201163-01
Project No:	185751311	**Collection Date:**	01/20/22 11:40 AM
Lab Order:	2201163	**Matrix:**	EQUIP BLANK

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TX1005 TPH WATER		**TX1005**					Analyst: **BTJ**
T/R Hydrocarbons: C6-C12	<0.706	0.706	2.02		mg/L	1	01/28/22 11:55 AM
T/R Hydrocarbons: >C12-C28	<0.706	0.706	2.02		mg/L	1	01/28/22 11:55 AM
T/R Hydrocarbons: >C28-C35	<0.706	0.706	2.02		mg/L	1	01/28/22 11:55 AM
T/R Hydrocarbons: C6-C35	<0.706	0.706	2.02		mg/L	1	01/28/22 11:55 AM
Surr: Isopropylbenzene	77.1	0	70-130		%REC	1	01/28/22 11:55 AM
Surr: Octacosane	91.2	0	70-130		%REC	1	01/28/22 11:55 AM
TRACE METALS: ICP-MS - WATER		**SW6020B**					Analyst: **SP**
Lead	<0.000300	0.000300	0.00100		mg/L	1	01/25/22 01:20 PM
PAHS: GC/MS		**SW8270E-LL**					Analyst: **DEW**
Acenaphthene	<0.0000266	0.0000266	0.0000533		mg/L	1	01/25/22 07:12 PM
Acenaphthylene	<0.0000266	0.0000266	0.0000533		mg/L	1	01/25/22 07:12 PM
Anthracene	<0.0000266	0.0000266	0.0000533		mg/L	1	01/25/22 07:12 PM
Benzo[a]anthracene	<0.0000266	0.0000266	0.0000533		mg/L	1	01/25/22 07:12 PM
Benzo[a]pyrene	<0.0000266	0.0000266	0.0000533		mg/L	1	01/25/22 07:12 PM
Benzo[b]fluoranthene	<0.0000266	0.0000266	0.0000533		mg/L	1	01/25/22 07:12 PM
Benzo[g,h,i]perylene	<0.0000266	0.0000266	0.0000533		mg/L	1	01/25/22 07:12 PM
Benzo[k]fluoranthene	<0.0000266	0.0000266	0.0000533		mg/L	1	01/25/22 07:12 PM
Chrysene	<0.0000266	0.0000266	0.0000533		mg/L	1	01/25/22 07:12 PM
Dibenz[a,h]anthracene	<0.0000266	0.0000266	0.0000533		mg/L	1	01/25/22 07:12 PM
Fluoranthene	<0.0000266	0.0000266	0.0000533		mg/L	1	01/25/22 07:12 PM
Fluorene	<0.0000266	0.0000266	0.0000533		mg/L	1	01/25/22 07:12 PM
Indeno[1,2,3-cd]pyrene	<0.0000266	0.0000266	0.0000533		mg/L	1	01/25/22 07:12 PM
Naphthalene	<0.0000266	0.0000266	0.0000533		mg/L	1	01/25/22 07:12 PM
Phenanthrene	<0.0000266	0.0000266	0.0000533		mg/L	1	01/25/22 07:12 PM
Pyrene	<0.0000266	0.0000266	0.0000533		mg/L	1	01/25/22 07:12 PM
Surr: 2-Fluorobiphenyl	69.8	0	48-120		%REC	1	01/25/22 07:12 PM
Surr: 4-Terphenyl-d14	68.8	0	51-135		%REC	1	01/25/22 07:12 PM
8260 WATER VOLATILES BY GC/MS		**SW8260D**					Analyst: **SNM**
1,1,1,2-Tetrachloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
1,1,1-Trichloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
1,1,2,2-Tetrachloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
1,1,2-Trichloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	01/26/22 04:21 PM
1,1-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
1,1-Dichloroethene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
1,1-Dichloropropene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
1,2,3-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	01/26/22 04:21 PM

Qualifiers:

ND - Not Detected at the SDL
J - Analyte detected between SDL and RL
B - Analyte detected in the associated Method Blank
DF- Dilution Factor
N - Parameter not NELAP certified
See Final Page of Report for MQLs and MDLs
S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *31-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	EB-WG
Project:	Dallas Brownfield-Fair Park Phase II ESA (Wat	**Lab ID:**	2201163-01
Project No:	185751311	**Collection Date:**	01/20/22 11:40 AM
Lab Order:	2201163	**Matrix:**	EQUIP BLANK

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
8260 WATER VOLATILES BY GC/MS		**SW8260D**					Analyst: **SNM**
1,2,3-Trichloropropane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	01/26/22 04:21 PM
1,2,4-Trimethylbenzene	<0.00150	0.00150	0.00500		mg/L	1	01/26/22 04:21 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	01/26/22 04:21 PM
1,2-Dibromoethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
1,2-Dichloropropane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
1,3,5-Trimethylbenzene	<0.00150	0.00150	0.00500		mg/L	1	01/26/22 04:21 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
1,3-Dichloropropane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
1-Chlorohexane	<0.00100	0.00100	0.00500		mg/L	1	01/26/22 04:21 PM
2,2-Dichloropropane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	01/26/22 04:21 PM
2-Chlorotoluene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	01/26/22 04:21 PM
4-Chlorotoluene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	01/26/22 04:21 PM
Acetone	<0.00500	0.00500	0.0150		mg/L	1	01/26/22 04:21 PM
Benzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
Bromobenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
Bromochloromethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
Bromodichloromethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
Bromoform	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	01/26/22 04:21 PM
Carbon tetrachloride	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
Chlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
cis-1,2-Dichloroethene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
cis-1,3-Dichloropropene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	01/26/22 04:21 PM
Dibromochloromethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
Dibromomethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
Dichlorodifluoromethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM

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DHL Analytical, Inc.

Date: *31-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	EB-WG
Project:	Dallas Brownfield-Fair Park Phase II ESA (Wat	**Lab ID:**	2201163-01
Project No:	185751311	**Collection Date:**	01/20/22 11:40 AM
Lab Order:	2201163	**Matrix:**	EQUIP BLANK

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
8260 WATER VOLATILES BY GC/MS		**SW8260D**					Analyst: **SNM**
Hexachlorobutadiene	<0.00100	0.00100	0.00300		mg/L	1	01/26/22 04:21 PM
Isopropylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	01/26/22 04:21 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	01/26/22 04:21 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	01/26/22 04:21 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	01/26/22 04:21 PM
Naphthalene	<0.00500	0.00500	0.0150		mg/L	1	01/26/22 04:21 PM
n-Butylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
n-Propylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
p-Isopropyltoluene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
sec-Butylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
Styrene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
tert-Butylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	01/26/22 04:21 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	01/26/22 04:21 PM
trans-1,2-Dichloroethene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
trans-1,3-Dichloropropene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
Trichloroethene	<0.000600	0.000600	0.00100		mg/L	1	01/26/22 04:21 PM
Trichlorofluoromethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
Vinyl chloride	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
Total Xylenes	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:21 PM
Surr: 1,2-Dichloroethane-d4	88.9	0	72-119		%REC	1	01/26/22 04:21 PM
Surr: 4-Bromofluorobenzene	97.7	0	76-119		%REC	1	01/26/22 04:21 PM
Surr: Dibromofluoromethane	95.6	0	85-115		%REC	1	01/26/22 04:21 PM
Surr: Toluene-d8	84.5	0	81-120		%REC	1	01/26/22 04:21 PM

Qualifiers:

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N - Parameter not NELAP certified
See Final Page of Report for MQLs and MDLs
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C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *31-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B24-WG
Project:	Dallas Brownfield-Fair Park Phase II ESA (Wat	**Lab ID:**	2201163-02
Project No:	185751311	**Collection Date:**	01/20/22 01:45 PM
Lab Order:	2201163	**Matrix:**	AQUEOUS

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TX1005 TPH WATER		**TX1005**					Analyst: **BTJ**
T/R Hydrocarbons: C6-C12	<0.694	0.694	1.98		mg/L	1	01/28/22 12:04 PM
T/R Hydrocarbons: >C12-C28	<0.694	0.694	1.98		mg/L	1	01/28/22 12:04 PM
T/R Hydrocarbons: >C28-C35	<0.694	0.694	1.98		mg/L	1	01/28/22 12:04 PM
T/R Hydrocarbons: C6-C35	<0.694	0.694	1.98		mg/L	1	01/28/22 12:04 PM
Surr: Isopropylbenzene	79.8	0	70-130		%REC	1	01/28/22 12:04 PM
Surr: Octacosane	95.0	0	70-130		%REC	1	01/28/22 12:04 PM
METALS-ICPMS (0.45µ FILTERED)		**SW6020B**					Analyst: **SP**
Dissolved Lead	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 12:16 PM
TRACE METALS: ICP-MS - WATER		**SW6020B**					Analyst: **SP**
Lead	0.00814	0.000300	0.00100		mg/L	1	01/25/22 01:22 PM
PAHS: GC/MS		**SW8270E-LL**					Analyst: **DEW**
Acenaphthene	<0.0000506	0.0000506	0.000101		mg/L	1	01/25/22 07:41 PM
Acenaphthylene	<0.0000506	0.0000506	0.000101		mg/L	1	01/25/22 07:41 PM
Anthracene	<0.0000506	0.0000506	0.000101		mg/L	1	01/25/22 07:41 PM
Benzo[a]anthracene	<0.0000506	0.0000506	0.000101		mg/L	1	01/25/22 07:41 PM
Benzo[a]pyrene	<0.0000506	0.0000506	0.000101		mg/L	1	01/25/22 07:41 PM
Benzo[b]fluoranthene	<0.0000506	0.0000506	0.000101		mg/L	1	01/25/22 07:41 PM
Benzo[g,h,i]perylene	<0.0000506	0.0000506	0.000101		mg/L	1	01/25/22 07:41 PM
Benzo[k]fluoranthene	<0.0000506	0.0000506	0.000101		mg/L	1	01/25/22 07:41 PM
Chrysene	<0.0000506	0.0000506	0.000101		mg/L	1	01/25/22 07:41 PM
Dibenz[a,h]anthracene	<0.0000506	0.0000506	0.000101		mg/L	1	01/25/22 07:41 PM
Fluoranthene	<0.0000506	0.0000506	0.000101		mg/L	1	01/25/22 07:41 PM
Fluorene	<0.0000506	0.0000506	0.000101		mg/L	1	01/25/22 07:41 PM
Indeno[1,2,3-cd]pyrene	<0.0000506	0.0000506	0.000101		mg/L	1	01/25/22 07:41 PM
Naphthalene	<0.0000506	0.0000506	0.000101		mg/L	1	01/25/22 07:41 PM
Phenanthrene	<0.0000506	0.0000506	0.000101		mg/L	1	01/25/22 07:41 PM
Pyrene	<0.0000506	0.0000506	0.000101		mg/L	1	01/25/22 07:41 PM
Surr: 2-Fluorobiphenyl	69.8	0	48-120		%REC	1	01/25/22 07:41 PM
Surr: 4-Terphenyl-d14	74.4	0	51-135		%REC	1	01/25/22 07:41 PM
8260 WATER VOLATILES BY GC/MS		**SW8260D**					Analyst: **SNM**
1,1,1,2-Tetrachloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
1,1,1-Trichloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
1,1,2,2-Tetrachloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
1,1,2-Trichloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	01/26/22 05:35 PM
1,1-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
1,1-Dichloroethene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM

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RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *31-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B24-WG
Project:	Dallas Brownfield-Fair Park Phase II ESA (Wat	**Lab ID:**	2201163-02
Project No:	185751311	**Collection Date:**	01/20/22 01:45 PM
Lab Order:	2201163	**Matrix:**	AQUEOUS

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
8260 WATER VOLATILES BY GC/MS		**SW8260D**					Analyst: **SNM**
1,1-Dichloropropene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
1,2,3-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	01/26/22 05:35 PM
1,2,3-Trichloropropane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	01/26/22 05:35 PM
1,2,4-Trimethylbenzene	<0.00150	0.00150	0.00500		mg/L	1	01/26/22 05:35 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	01/26/22 05:35 PM
1,2-Dibromoethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
1,2-Dichloropropane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
1,3,5-Trimethylbenzene	<0.00150	0.00150	0.00500		mg/L	1	01/26/22 05:35 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
1,3-Dichloropropane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
1-Chlorohexane	<0.00100	0.00100	0.00500		mg/L	1	01/26/22 05:35 PM
2,2-Dichloropropane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	01/26/22 05:35 PM
2-Chlorotoluene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	01/26/22 05:35 PM
4-Chlorotoluene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	01/26/22 05:35 PM
Acetone	<0.00500	0.00500	0.0150		mg/L	1	01/26/22 05:35 PM
Benzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
Bromobenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
Bromochloromethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
Bromodichloromethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
Bromoform	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	01/26/22 05:35 PM
Carbon tetrachloride	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
Chlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
Chloroform	0.000300	0.000300	0.00100	J	mg/L	1	01/26/22 05:35 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
cis-1,2-Dichloroethene	0.00861	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
cis-1,3-Dichloropropene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	01/26/22 05:35 PM
Dibromochloromethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
Dibromomethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM

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E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *31-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B24-WG
Project:	Dallas Brownfield-Fair Park Phase II ESA (Wat	**Lab ID:**	2201163-02
Project No:	185751311	**Collection Date:**	01/20/22 01:45 PM
Lab Order:	2201163	**Matrix:**	AQUEOUS

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
8260 WATER VOLATILES BY GC/MS		**SW8260D**					Analyst: **SNM**
Dichlorodifluoromethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
Hexachlorobutadiene	<0.00100	0.00100	0.00300		mg/L	1	01/26/22 05:35 PM
Isopropylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	01/26/22 05:35 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	01/26/22 05:35 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	01/26/22 05:35 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	01/26/22 05:35 PM
Naphthalene	<0.00500	0.00500	0.0150		mg/L	1	01/26/22 05:35 PM
n-Butylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
n-Propylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
p-Isopropyltoluene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
sec-Butylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
Styrene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
tert-Butylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
Tetrachloroethene	0.0318	0.000600	0.00200		mg/L	1	01/26/22 05:35 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	01/26/22 05:35 PM
trans-1,2-Dichloroethene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
trans-1,3-Dichloropropene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
Trichloroethene	0.00540	0.000600	0.00100		mg/L	1	01/26/22 05:35 PM
Trichlorofluoromethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
Vinyl chloride	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
Total Xylenes	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 05:35 PM
Surr: 1,2-Dichloroethane-d4	89.8	0	72-119		%REC	1	01/26/22 05:35 PM
Surr: 4-Bromofluorobenzene	94.7	0	76-119		%REC	1	01/26/22 05:35 PM
Surr: Dibromofluoromethane	96.4	0	85-115		%REC	1	01/26/22 05:35 PM
Surr: Toluene-d8	83.3	0	81-120		%REC	1	01/26/22 05:35 PM

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E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *31-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	TB-012022
Project:	Dallas Brownfield-Fair Park Phase II ESA (Wat	**Lab ID:**	2201163-03
Project No:	185751311	**Collection Date:**	01/20/22 09:00 AM
Lab Order:	2201163	**Matrix:**	TRIP BLANK

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
8260 WATER VOLATILES BY GC/MS		**SW8260D**					Analyst: **SNM**
1,1,1,2-Tetrachloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
1,1,1-Trichloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
1,1,2,2-Tetrachloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
1,1,2-Trichloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
1,1,2-Trichlorotrifluoroethane	<0.00500	0.00500	0.0150		mg/L	1	01/26/22 04:46 PM
1,1-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
1,1-Dichloroethene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
1,1-Dichloropropene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
1,2,3-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	01/26/22 04:46 PM
1,2,3-Trichloropropane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
1,2,4-Trichlorobenzene	<0.00150	0.00150	0.00500		mg/L	1	01/26/22 04:46 PM
1,2,4-Trimethylbenzene	<0.00150	0.00150	0.00500		mg/L	1	01/26/22 04:46 PM
1,2-Dibromo-3-chloropropane	<0.00300	0.00300	0.0100		mg/L	1	01/26/22 04:46 PM
1,2-Dibromoethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
1,2-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
1,2-Dichloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
1,2-Dichloropropane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
1,3,5-Trimethylbenzene	<0.00150	0.00150	0.00500		mg/L	1	01/26/22 04:46 PM
1,3-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
1,3-Dichloropropane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
1,4-Dichlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
1-Chlorohexane	<0.00100	0.00100	0.00500		mg/L	1	01/26/22 04:46 PM
2,2-Dichloropropane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
2-Butanone	<0.00500	0.00500	0.0150		mg/L	1	01/26/22 04:46 PM
2-Chlorotoluene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
2-Hexanone	<0.00500	0.00500	0.0150		mg/L	1	01/26/22 04:46 PM
4-Chlorotoluene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
4-Methyl-2-pentanone	<0.00500	0.00500	0.0150		mg/L	1	01/26/22 04:46 PM
Acetone	<0.00500	0.00500	0.0150		mg/L	1	01/26/22 04:46 PM
Benzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
Bromobenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
Bromochloromethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
Bromodichloromethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
Bromoform	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
Bromomethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
Carbon disulfide	<0.00500	0.00500	0.0150		mg/L	1	01/26/22 04:46 PM
Carbon tetrachloride	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
Chlorobenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
Chloroethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM

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SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *31-Jan-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	TB-012022
Project:	Dallas Brownfield-Fair Park Phase II ESA (Wat	**Lab ID:**	2201163-03
Project No:	185751311	**Collection Date:**	01/20/22 09:00 AM
Lab Order:	2201163	**Matrix:**	TRIP BLANK

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
8260 WATER VOLATILES BY GC/MS		**SW8260D**					Analyst: **SNM**
Chloroform	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
Chloromethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
cis-1,2-Dichloroethene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
cis-1,3-Dichloropropene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
Cyclohexane	<0.00500	0.00500	0.0150	N	mg/L	1	01/26/22 04:46 PM
Dibromochloromethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
Dibromomethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
Dichlorodifluoromethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
Ethylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
Hexachlorobutadiene	<0.00100	0.00100	0.00300		mg/L	1	01/26/22 04:46 PM
Isopropylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
m,p-Xylene	<0.000600	0.000600	0.00200		mg/L	1	01/26/22 04:46 PM
Methyl Acetate	<0.00500	0.00500	0.0150		mg/L	1	01/26/22 04:46 PM
Methyl tert-butyl ether	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
Methylcyclohexane	<0.00500	0.00500	0.0150		mg/L	1	01/26/22 04:46 PM
Methylene chloride	<0.00250	0.00250	0.00250		mg/L	1	01/26/22 04:46 PM
Naphthalene	<0.00500	0.00500	0.0150		mg/L	1	01/26/22 04:46 PM
n-Butylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
n-Propylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
o-Xylene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
p-Isopropyltoluene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
sec-Butylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
Styrene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
tert-Butylbenzene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
Tetrachloroethene	<0.000600	0.000600	0.00200		mg/L	1	01/26/22 04:46 PM
Toluene	<0.000600	0.000600	0.00200		mg/L	1	01/26/22 04:46 PM
trans-1,2-Dichloroethene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
trans-1,3-Dichloropropene	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
Trichloroethene	<0.000600	0.000600	0.00100		mg/L	1	01/26/22 04:46 PM
Trichlorofluoromethane	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
Vinyl chloride	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
Total Xylenes	<0.000300	0.000300	0.00100		mg/L	1	01/26/22 04:46 PM
Surr: 1,2-Dichloroethane-d4	87.3	0	72-119		%REC	1	01/26/22 04:46 PM
Surr: 4-Bromofluorobenzene	95.9	0	76-119		%REC	1	01/26/22 04:46 PM
Surr: Dibromofluoromethane	93.9	0	85-115		%REC	1	01/26/22 04:46 PM
Surr: Toluene-d8	84.7	0	81-120		%REC	1	01/26/22 04:46 PM

Qualifiers:

ND - Not Detected at the SDL
J - Analyte detected between SDL and RL
B - Analyte detected in the associated Method Blank
DF- Dilution Factor
N - Parameter not NELAP certified
See Final Page of Report for MQLs and MDLs
S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

CLIENT: Stantec Consulting Services Inc.

Work Order: 2201163

Project: Dallas Brownfield-Fair Park Phase II ESA (Wat

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_220128A

The QC data in batch 103731 applies to the following samples: 2201163-01B, 2201163-02B

Sample ID: **MB-103731** Batch ID: **103731** TestNo: **TX1005** Units: **mg/L**

SampType: **MBLK** Run ID: **GC12_220128A** Analysis Date: **1/28/2022 11:01:16 AM** Prep Date: **1/28/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C12	<0.700	2.00								
T/R Hydrocarbons: >C12-C28	<0.700	2.00								
T/R Hydrocarbons: >C28-C35	<0.700	2.00								
T/R Hydrocarbons: C6-C35	<0.700	2.00								
Surr: Isopropylbenzene	1.95		2.500		77.8	70	130			
Surr: Octacosane	2.30		2.500		91.9	70	130			

Sample ID: **LCS-103731** Batch ID: **103731** TestNo: **TX1005** Units: **mg/L**

SampType: **LCS** Run ID: **GC12_220128A** Analysis Date: **1/28/2022 11:28:25 AM** Prep Date: **1/28/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	20.9	2.00	25.00	0	83.5	75	125			
Surr: Isopropylbenzene	2.26		2.500		90.2	70	130			
Surr: Octacosane	2.32		2.500		92.7	70	130			

Sample ID: **LCSD-103731** Batch ID: **103731** TestNo: **TX1005** Units: **mg/L**

SampType: **LCSD** Run ID: **GC12_220128A** Analysis Date: **1/28/2022 11:37:28 AM** Prep Date: **1/28/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	20.4	2.00	25.00	0	81.5	75	125	2.46	20	
Surr: Isopropylbenzene	3.19		2.500		128	70	130	0	0	
Surr: Octacosane	2.35		2.500		94.0	70	130	0	0	

Sample ID: **DCS-103731** Batch ID: **103731** TestNo: **TX1005** Units: **mg/L**

SampType: **DCS** Run ID: **GC12_220128A** Analysis Date: **1/28/2022 1:53:34 PM** Prep Date: **1/28/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	1.68	2.00	1.000	0	168	50	200			
Surr: Isopropylbenzene	2.08		2.500		83.0	70	130			
Surr: Octacosane	2.44		2.500		97.6	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201163
Project: Dallas Brownfield-Fair Park Phase II ESA (Wat

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_220128A

Sample ID: **ICV-220128**	Batch ID: **R119081**	TestNo: **TX1005**	Units: **mg/L**
SampType: **ICV**	Run ID: **GC12_220128A**	Analysis Date: **1/28/2022 10:52:13 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	913	2.00	1000	0	91.3	75	125			
Surr: Isopropylbenzene	52.2		50.00		104	70	130			
Surr: Octacosane	45.7		50.00		91.3	70	130			

Sample ID: **CCV1-220128**	Batch ID: **R119081**	TestNo: **TX1005**	Units: **mg/L**
SampType: **CCV**	Run ID: **GC12_220128A**	Analysis Date: **1/28/2022 2:11:39 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C6-C35	449	2.00	500.0	0	89.7	75	125			
Surr: Isopropylbenzene	26.3		25.00		105	70	130			
Surr: Octacosane	24.0		25.00		96.2	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201163
Project: Dallas Brownfield-Fair Park Phase II ESA (Wat

ANALYTICAL QC SUMMARY REPORT

RunID: **ICP-MS5_211101A**

Sample ID: **DCS1-102615**	Batch ID: **102615**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **DCS**	Run ID: **ICP-MS5_211101A**	Analysis Date: **11/1/2021 10:40:00 AM**	Prep Date: **10/29/2021**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.000570	0.00100	0.000500	0	114	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201163
Project: Dallas Brownfield-Fair Park Phase II ESA (Wat

ANALYTICAL QC SUMMARY REPORT

RunID: **ICP-MS5_220125B**

The QC data in batch 103636 applies to the following samples: 2201163-01C, 2201163-02C

Sample ID: **MB-103636**	Batch ID: **103636**			TestNo: **SW6020B**				Units: **mg/L**			
SampType: **MBLK**	Run ID: **ICP-MS5_220125B**			Analysis Date: **1/25/2022 12:54:00 PM**				Prep Date: **1/24/2022**			
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Lead	<0.000300	0.00100									

Sample ID: **LCS-103636**	Batch ID: **103636**			TestNo: **SW6020B**				Units: **mg/L**			
SampType: **LCS**	Run ID: **ICP-MS5_220125B**			Analysis Date: **1/25/2022 12:57:00 PM**				Prep Date: **1/24/2022**			
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Lead	0.206	0.00100	0.200	0	103	80	120				

Sample ID: **LCSD-103636**	Batch ID: **103636**			TestNo: **SW6020B**				Units: **mg/L**			
SampType: **LCSD**	Run ID: **ICP-MS5_220125B**			Analysis Date: **1/25/2022 1:01:00 PM**				Prep Date: **1/24/2022**			
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Lead	0.205	0.00100	0.200	0	102	80	120	0.731	15		

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201163
Project: Dallas Brownfield-Fair Park Phase II ESA (Wat

ANALYTICAL QC SUMMARY REPORT

RunID: **ICP-MS5_220125B**

Sample ID: **ICV-220125**	Batch ID: **R119000**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **ICV**	Run ID: **ICP-MS5_220125B**	Analysis Date: **1/25/2022 10:51:00 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.103	0.00100	0.100	0	103	90	110			

Sample ID: **LCVL-220125**	Batch ID: **R119000**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **LCVL**	Run ID: **ICP-MS5_220125B**	Analysis Date: **1/25/2022 11:06:00 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.00103	0.00100	0.00100	0	103	80	120			

Sample ID: **CCV2-220125**	Batch ID: **R119000**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **CCV**	Run ID: **ICP-MS5_220125B**	Analysis Date: **1/25/2022 12:43:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.201	0.00100	0.200	0	100	90	110			

Sample ID: **CCV3-220125**	Batch ID: **R119000**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **CCV**	Run ID: **ICP-MS5_220125B**	Analysis Date: **1/25/2022 1:44:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.200	0.00100	0.200	0	100	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201163
Project: Dallas Brownfield-Fair Park Phase II ESA (Wat

ANALYTICAL QC SUMMARY REPORT

RunID: **ICP-MS5_220126A**

The QC data in batch 103678 applies to the following samples: 2201163-02E

Sample ID: **MB-103678**	Batch ID: **103678**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **MBLK**	Run ID: **ICP-MS5_220126A**	Analysis Date: **1/26/2022 11:58:00 AM**	Prep Date: **1/26/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	<0.000300	0.00100								

Sample ID: **MB-103663-FILTER**	Batch ID: **103678**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **MBLK**	Run ID: **ICP-MS5_220126A**	Analysis Date: **1/26/2022 12:01:00 PM**	Prep Date: **1/26/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	<0.000300	0.00100								

Sample ID: **LCS-103678**	Batch ID: **103678**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **LCS**	Run ID: **ICP-MS5_220126A**	Analysis Date: **1/26/2022 12:03:00 PM**	Prep Date: **1/26/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.199	0.00100	0.200	0	99.4	80	120			

Sample ID: **LCSD-103678**	Batch ID: **103678**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **LCSD**	Run ID: **ICP-MS5_220126A**	Analysis Date: **1/26/2022 12:06:00 PM**	Prep Date: **1/26/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.205	0.00100	0.200	0	102	80	120	2.84	15	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

Sample ID: **ICV-220126**	Batch ID: **R119032**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **ICV**	Run ID: **ICP-MS5_220126A**	Analysis Date: **1/26/2022 10:35:00 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.0999	0.00100	0.100	0	99.9	90	110			

Sample ID: **LCVL-220126**	Batch ID: **R119032**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **LCVL**	Run ID: **ICP-MS5_220126A**	Analysis Date: **1/26/2022 10:59:00 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.000991	0.00100	0.00100	0	99.1	80	120			

Sample ID: **CCV1-220126**	Batch ID: **R119032**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **CCV**	Run ID: **ICP-MS5_220126A**	Analysis Date: **1/26/2022 11:51:00 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.198	0.00100	0.200	0	99.0	90	110			

Sample ID: **CCV2-220126**	Batch ID: **R119032**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **CCV**	Run ID: **ICP-MS5_220126A**	Analysis Date: **1/26/2022 1:04:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.189	0.00100	0.200	0	94.6	90	110			

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201163
Project: Dallas Brownfield-Fair Park Phase II ESA (Wat

ANALYTICAL QC SUMMARY REPORT

RunID: **GCMS6_220118B**

Sample ID: **DCS-103539**	Batch ID: **103539**	TestNo: **SW8270E-LL**	Units: **mg/L**
SampType: **DCS**	Run ID: **GCMS6_220118B**	Analysis Date: **1/18/2022 12:19:00 PM**	Prep Date: **1/17/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Acenaphthene	0.0000376	0.0000500	0.0000400	0	94.0	20	200	0	0	
Acenaphthylene	0.0000403	0.0000500	0.0000400	0	101	20	200	0	0	
Anthracene	0.0000429	0.0000500	0.0000400	0	107	20	200	0	0	
Benzo[a]anthracene	0.0000445	0.0000500	0.0000400	0	111	20	200	0	0	
Benzo[a]pyrene	0.0000493	0.0000500	0.0000400	0	123	20	200	0	0	
Benzo[b]fluoranthene	0.0000510	0.0000500	0.0000400	0	128	20	200	0	0	
Benzo[g,h,i]perylene	0.0000480	0.0000500	0.0000400	0	120	20	200	0	0	
Benzo[k]fluoranthene	0.0000502	0.0000500	0.0000400	0	125	20	200	0	0	
Chrysene	0.0000369	0.0000500	0.0000400	0	92.2	20	200	0	0	
Dibenz[a,h]anthracene	0.0000498	0.0000500	0.0000400	0	125	20	200	0	0	
Fluoranthene	0.0000399	0.0000500	0.0000400	0	99.8	20	200	0	0	
Fluorene	0.0000403	0.0000500	0.0000400	0	101	20	200	0	0	
Indeno[1,2,3-cd]pyrene	0.0000525	0.0000500	0.0000400	0	131	20	200	0	0	
Naphthalene	0.0000391	0.0000500	0.0000400	0	97.9	20	200	0	0	
Phenanthrene	0.0000404	0.0000500	0.0000400	0	101	20	200	0	0	
Pyrene	0.0000367	0.0000500	0.0000400	0	91.7	20	200	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201163
Project: Dallas Brownfield-Fair Park Phase II ESA (Wat

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_220125B

The QC data in batch 103653 applies to the following samples: 2201163-01D, 2201163-02D

Sample ID: **LCS-103653** Batch ID: **103653** TestNo: **SW8270E-LL** Units: **mg/L**
SampType: **LCS** Run ID: **GCMS6_220125B** Analysis Date: **1/25/2022 4:46:00 PM** Prep Date: **1/25/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Acenaphthene	0.00317	0.0000500	0.00400	0	79.2	47	120			
Acenaphthylene	0.00342	0.0000500	0.00400	0	85.5	50	120			
Anthracene	0.00305	0.0000500	0.00400	0	76.3	54	120			
Benzo[a]anthracene	0.00407	0.0000500	0.00400	0	102	56	100			S
Benzo[a]pyrene	0.00356	0.0000500	0.00400	0	89.1	53	120			
Benzo[b]fluoranthene	0.00371	0.0000500	0.00400	0	92.7	45	124			
Benzo[g,h,i]perylene	0.00356	0.0000500	0.00400	0	89.0	38	123			
Benzo[k]fluoranthene	0.00324	0.0000500	0.00400	0	81.1	45	124			
Chrysene	0.00301	0.0000500	0.00400	0	75.2	55	120			
Dibenz[a,h]anthracene	0.00363	0.0000500	0.00400	0	90.8	42	127			
Fluoranthene	0.00344	0.0000500	0.00400	0	85.9	54	120			
Fluorene	0.00327	0.0000500	0.00400	0	81.7	50	120			
Indeno[1,2,3-cd]pyrene	0.00390	0.0000500	0.00400	0	97.5	43	125			
Naphthalene	0.00307	0.0000500	0.00400	0	76.9	39	120			
Phenanthrene	0.00344	0.0000500	0.00400	0	86.1	51	120			
Pyrene	0.00337	0.0000500	0.00400	0	84.4	49	128			
Surr: 2-Fluorobiphenyl	5.48		8.000		68.5	48	120			
Surr: 4-Terphenyl-d14	6.06		8.000		75.7	51	135			

Sample ID: **LCSD-103653** Batch ID: **103653** TestNo: **SW8270E-LL** Units: **mg/L**
SampType: **LCSD** Run ID: **GCMS6_220125B** Analysis Date: **1/25/2022 5:15:00 PM** Prep Date: **1/25/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Acenaphthene	0.00321	0.0000500	0.00400	0	80.2	47	120	1.14	20	
Acenaphthylene	0.00346	0.0000500	0.00400	0	86.5	50	120	1.21	20	
Anthracene	0.00312	0.0000500	0.00400	0	78.1	54	120	2.28	20	
Benzo[a]anthracene	0.00412	0.0000500	0.00400	0	103	56	100	1.24	20	S
Benzo[a]pyrene	0.00361	0.0000500	0.00400	0	90.3	53	120	1.28	20	
Benzo[b]fluoranthene	0.00377	0.0000500	0.00400	0	94.1	45	124	1.55	20	
Benzo[g,h,i]perylene	0.00359	0.0000500	0.00400	0	89.8	38	123	0.918	20	
Benzo[k]fluoranthene	0.00325	0.0000500	0.00400	0	81.2	45	124	0.205	20	
Chrysene	0.00307	0.0000500	0.00400	0	76.7	55	120	2.01	20	
Dibenz[a,h]anthracene	0.00366	0.0000500	0.00400	0	91.4	42	127	0.673	20	
Fluoranthene	0.00347	0.0000500	0.00400	0	86.7	54	120	0.927	20	
Fluorene	0.00331	0.0000500	0.00400	0	82.7	50	120	1.25	20	
Indeno[1,2,3-cd]pyrene	0.00393	0.0000500	0.00400	0	98.3	43	125	0.788	20	
Naphthalene	0.00305	0.0000500	0.00400	0	76.3	39	120	0.774	20	
Phenanthrene	0.00347	0.0000500	0.00400	0	86.7	51	120	0.659	20	
Pyrene	0.00346	0.0000500	0.00400	0	86.5	49	128	2.44	20	
Surr: 2-Fluorobiphenyl	5.40		8.000		67.5	48	120	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

Sample ID: **LCSD-103653**	Batch ID: **103653**	TestNo: **SW8270E-LL**	Units: **mg/L**
SampType: **LCSD**	Run ID: **GCMS6_220125B**	Analysis Date: **1/25/2022 5:15:00 PM**	Prep Date: **1/25/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Terphenyl-d14	5.70		8.000		71.3	51	135	0	0	

Sample ID: **MB-103653**	Batch ID: **103653**	TestNo: **SW8270E-LL**	Units: **mg/L**
SampType: **MBLK**	Run ID: **GCMS6_220125B**	Analysis Date: **1/25/2022 6:14:00 PM**	Prep Date: **1/25/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Acenaphthene	<0.0000250	0.0000500								
Acenaphthylene	<0.0000250	0.0000500								
Anthracene	<0.0000250	0.0000500								
Benzo[a]anthracene	<0.0000250	0.0000500								
Benzo[a]pyrene	<0.0000250	0.0000500								
Benzo[b]fluoranthene	<0.0000250	0.0000500								
Benzo[g,h,i]perylene	<0.0000250	0.0000500								
Benzo[k]fluoranthene	<0.0000250	0.0000500								
Chrysene	<0.0000250	0.0000500								
Dibenz[a,h]anthracene	<0.0000250	0.0000500								
Fluoranthene	<0.0000250	0.0000500								
Fluorene	<0.0000250	0.0000500								
Indeno[1,2,3-cd]pyrene	<0.0000250	0.0000500								
Naphthalene	<0.0000250	0.0000500								
Phenanthrene	<0.0000250	0.0000500								
Pyrene	<0.0000250	0.0000500								
Surr: 2-Fluorobiphenyl	5.56		8.000		69.5	48	120			
Surr: 4-Terphenyl-d14	6.37		8.000		79.6	51	135			

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201163
Project: Dallas Brownfield-Fair Park Phase II ESA (Wat

ANALYTICAL QC SUMMARY REPORT

RunID: **GCMS6_220125B**

Sample ID: **ICV-220125** Batch ID: **R119014** TestNo: **SW8270E-LL** Units: **mg/L**
SampType: **ICV** Run ID: **GCMS6_220125B** Analysis Date: **1/25/2022 1:18:00 PM** Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Acenaphthene	2.08	0.0000500	2.00	0	104	70	130			
Acenaphthylene	2.19	0.0000500	2.00	0	110	70	130			
Anthracene	1.87	0.0000500	2.00	0	93.7	70	130			
Benzo[a]anthracene	2.49	0.0000500	2.00	0	125	70	130			
Benzo[a]pyrene	2.14	0.0000500	2.00	0	107	70	130			
Benzo[b]fluoranthene	2.24	0.0000500	2.00	0	112	70	130			
Benzo[g,h,i]perylene	2.13	0.0000500	2.00	0	107	70	130			
Benzo[k]fluoranthene	1.95	0.0000500	2.00	0	97.6	70	130			
Chrysene	1.66	0.0000500	2.00	0	83.1	70	130			
Dibenz[a,h]anthracene	2.04	0.0000500	2.00	0	102	70	130			
Fluoranthene	2.13	0.0000500	2.00	0	107	70	130			
Fluorene	2.00	0.0000500	2.00	0	100	70	130			
Indeno[1,2,3-cd]pyrene	2.33	0.0000500	2.00	0	117	70	130			
Naphthalene	2.12	0.0000500	2.00	0	106	70	130			
Phenanthrene	2.12	0.0000500	2.00	0	106	70	130			
Pyrene	2.14	0.0000500	2.00	0	107	70	130			
Surr: 2-Fluorobiphenyl	1930		2000		96.3	65	120			
Surr: 4-Terphenyl-d14	2040		2000		102	51	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201163
Project: Dallas Brownfield-Fair Park Phase II ESA (Wat

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_211122A

Sample ID: **DCS-102938**	Batch ID: **102938**	TestNo: **SW8260D**	Units: **mg/L**
SampType: **DCS**	Run ID: **GCMS7_211122A**	Analysis Date: **11/23/2021 12:57:00 A**	Prep Date: **11/22/2021**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	0.000720	0.00100	0.000464	0	155	10	400	0	0	
1,1,1-Trichloroethane	0.000850	0.00100	0.000464	0	183	10	400	0	0	
1,1,2,2-Tetrachloroethane	0.000790	0.00100	0.000464	0	170	10	400	0	0	
1,1,2-Trichloroethane	0.000840	0.00100	0.000464	0	181	10	400	0	0	
1,1,2-Trichlorotrifluoroethane	0.0120	0.0150	0.00928	0	129	10	400	0	0	
1,1-Dichloroethane	0.000810	0.00100	0.000464	0	175	10	400	0	0	
1,1-Dichloroethene	0.000910	0.00100	0.000464	0	196	10	400	0	0	
1,1-Dichloropropene	0.000780	0.00100	0.000464	0	168	10	400	0	0	
1,2,3-Trichloropropane	0.000790	0.00100	0.000464	0	170	10	400	0	0	
1,2-Dibromoethane	0.000780	0.00100	0.000464	0	168	10	400	0	0	
1,2-Dichlorobenzene	0.000900	0.00100	0.000464	0	194	10	400	0	0	
1,2-Dichloroethane	0.000860	0.00100	0.000464	0	185	10	400	0	0	
1,2-Dichloropropane	0.000720	0.00100	0.000464	0	155	10	400	0	0	
1,3-Dichlorobenzene	0.000760	0.00100	0.000464	0	164	10	400	0	0	
1,3-Dichloropropane	0.000740	0.00100	0.000464	0	159	10	400	0	0	
1,4-Dichlorobenzene	0.000870	0.00100	0.000464	0	188	10	400	0	0	
2,2-Dichloropropane	0.000690	0.00100	0.000464	0	149	10	400	0	0	
2-Butanone	0.0108	0.0150	0.00928	0	117	10	400	0	0	
2-Chlorotoluene	0.000680	0.00100	0.000464	0	147	10	400	0	0	
2-Hexanone	0.00904	0.0150	0.00928	0	97.4	10	400	0	0	
4-Chlorotoluene	0.000660	0.00100	0.000464	0	142	10	400	0	0	
4-Methyl-2-pentanone	0.0103	0.0150	0.00928	0	111	10	400	0	0	
Acetone	0.0112	0.0150	0.00928	0	121	10	400	0	0	
Benzene	0.000810	0.00100	0.000464	0	175	10	400	0	0	
Bromobenzene	0.000790	0.00100	0.000464	0	170	10	400	0	0	
Bromochloromethane	0.000830	0.00100	0.000464	0	179	10	400	0	0	
Bromodichloromethane	0.000780	0.00100	0.000464	0	168	10	400	0	0	
Bromoform	0.000760	0.00100	0.000464	0	164	10	400	0	0	
Carbon disulfide	0.0123	0.0150	0.00928	0	133	10	400	0	0	
Carbon tetrachloride	0.000670	0.00100	0.000464	0	144	10	400	0	0	
Chlorobenzene	0.00110	0.00100	0.000464	0	237	10	400	0	0	
Chloroform	0.000740	0.00100	0.000464	0	159	10	400	0	0	
cis-1,2-Dichloroethene	0.000830	0.00100	0.000464	0	179	10	400	0	0	
cis-1,3-Dichloropropene	0.000700	0.00100	0.000464	0	151	10	400	0	0	
Cyclohexane	0.00945	0.0150	0.00928	0	102	10	400	0	0	N
Dibromochloromethane	0.000770	0.00100	0.000464	0	166	10	400	0	0	
Dibromomethane	0.000860	0.00100	0.000464	0	185	10	400	0	0	
Ethylbenzene	0.000710	0.00100	0.000464	0	153	10	400	0	0	
Isopropylbenzene	0.000710	0.00100	0.000464	0	153	10	400	0	0	
m,p-Xylene	0.00142	0.00200	0.000928	0	153	10	400	0	0	
Methyl Acetate	0.00874	0.0150	0.00928	0	94.2	10	400	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

Sample ID: **DCS-102938**	Batch ID: **102938**	TestNo: **SW8260D**	Units: **mg/L**
SampType: **DCS**	Run ID: **GCMS7_211122A**	Analysis Date: **11/23/2021 12:57:00 A**	Prep Date: **11/22/2021**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	0.000740	0.00100	0.000464	0	159	10	400	0	0	
Methylcyclohexane	0.00875	0.0150	0.00928	0	94.3	10	400	0	0	
n-Butylbenzene	0.000560	0.00100	0.000464	0	121	10	400	0	0	
n-Propylbenzene	0.000670	0.00100	0.000464	0	144	10	400	0	0	
o-Xylene	0.000680	0.00100	0.000464	0	147	10	400	0	0	
p-Isopropyltoluene	0.000630	0.00100	0.000464	0	136	10	400	0	0	
sec-Butylbenzene	0.000680	0.00100	0.000464	0	147	10	400	0	0	
Styrene	0.000600	0.00100	0.000464	0	129	10	400	0	0	
tert-Butylbenzene	0.000700	0.00100	0.000464	0	151	10	400	0	0	
Tetrachloroethene	0.000790	0.00200	0.000464	0	170	10	400	0	0	
Toluene	0.000820	0.00200	0.000464	0	177	10	400	0	0	
trans-1,2-Dichloroethene	0.000820	0.00100	0.000464	0	177	10	400	0	0	
trans-1,3-Dichloropropene	0.000720	0.00100	0.000464	0	155	10	400	0	0	
Trichloroethene	0.000860	0.00100	0.000464	0	185	10	400	0	0	
Total Xylenes	0.00210	0.00100	0.00139	0	151	10	400	0	0	

Sample ID: **DCS2-102938**	Batch ID: **102938**	TestNo: **SW8260D**	Units: **mg/L**
SampType: **DCS2**	Run ID: **GCMS7_211122A**	Analysis Date: **11/23/2021 1:21:00 AM**	Prep Date: **11/22/2021**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2,3-Trichlorobenzene	0.00199	0.00500	0.00186	0	107	10	400	0	0	
1,2,4-Trichlorobenzene	0.00157	0.00500	0.00186	0	84.4	10	400	0	0	
1,2,4-Trimethylbenzene	0.00134	0.00500	0.00186	0	72.0	10	400	0	0	
1,2-Dibromo-3-chloropropane	0.00132	0.0100	0.00186	0	71.0	10	400	0	0	
1,3,5-Trimethylbenzene	0.00137	0.00500	0.00186	0	73.7	10	400	0	0	
1-Chlorohexane	0.000770	0.00500	0.00186	0	41.4	10	400	0	0	
Hexachlorobutadiene	0.00194	0.00300	0.00186	0	104	10	400	0	0	
Methylene chloride	0.00391	0.00250	0.00186	0	210	10	400	0	0	
Naphthalene	0.00158	0.0150	0.00186	0	84.9	10	400	0	0	

Sample ID: **DCS-102938**	Batch ID: **102938**	TestNo: **SW8260D**	Units: **mg/L**
SampType: **DCS**	Run ID: **GCMS7_211122A**	Analysis Date: **11/23/2021 10:01:00 A**	Prep Date: **11/22/2021**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Bromomethane	0.000360	0.00100	0.000464	0	77.6	10	400	0	0	
Chloroethane	0.000280	0.00100	0.000464	0	60.3	10	400	0	0	
Chloromethane	0.000320	0.00100	0.000464	0	69.0	10	400	0	0	
Dichlorodifluoromethane	0.000290	0.00100	0.000464	0	62.5	10	400	0	0	
Trichlorofluoromethane	0.000430	0.00100	0.000464	0	92.7	10	400	0	0	
Vinyl chloride	0.000340	0.00100	0.000464	0	73.3	10	400	0	0	

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201163
Project: Dallas Brownfield-Fair Park Phase II ESA (Wat

ANALYTICAL QC SUMMARY REPORT

RunID: **GCMS7_220126A**

The QC data in batch 103693 applies to the following samples: 2201163-01A, 2201163-02A, 2201163-03A

Sample ID: **LCS-103693** Batch ID: **103693** TestNo: **SW8260D** Units: **mg/L**
SampType: **LCS** Run ID: **GCMS7_220126A** Analysis Date: **1/26/2022 3:03:00 PM** Prep Date: **1/26/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	0.0217	0.00100	0.0232	0	93.5	81	129			
1,1,1-Trichloroethane	0.0252	0.00100	0.0232	0	109	67	132			
1,1,2,2-Tetrachloroethane	0.0203	0.00100	0.0232	0	87.3	63	128			
1,1,2-Trichloroethane	0.0255	0.00100	0.0232	0	110	75	125			
1,1,2-Trichlorotrifluoroethane	0.0255	0.0150	0.0232	0	110	67	125			
1,1-Dichloroethane	0.0253	0.00100	0.0232	0	109	69	133			
1,1-Dichloroethene	0.0254	0.00100	0.0232	0	109	68	130			
1,1-Dichloropropene	0.0257	0.00100	0.0232	0	111	73	132			
1,2,3-Trichlorobenzene	0.0250	0.00500	0.0232	0	108	67	137			
1,2,3-Trichloropropane	0.0204	0.00100	0.0232	0	88.0	73	124			
1,2,4-Trichlorobenzene	0.0234	0.00500	0.0232	0	101	66	134			
1,2,4-Trimethylbenzene	0.0206	0.00500	0.0232	0	88.7	74	132			
1,2-Dibromo-3-chloropropane	0.0208	0.0100	0.0232	0	89.8	50	132			
1,2-Dibromoethane	0.0217	0.00100	0.0232	0	93.7	80	121			
1,2-Dichlorobenzene	0.0210	0.00100	0.0232	0	90.4	75	122			
1,2-Dichloroethane	0.0240	0.00100	0.0232	0	103	69	132			
1,2-Dichloropropane	0.0255	0.00100	0.0232	0	110	75	125			
1,3,5-Trimethylbenzene	0.0208	0.00500	0.0232	0	89.8	74	131			
1,3-Dichlorobenzene	0.0208	0.00100	0.0232	0	89.6	75	124			
1,3-Dichloropropane	0.0217	0.00100	0.0232	0	93.5	73	126			
1,4-Dichlorobenzene	0.0204	0.00100	0.0232	0	87.7	74	123			
1-Chlorohexane	0.0201	0.00500	0.0232	0	86.8	70	125			
2,2-Dichloropropane	0.0257	0.00100	0.0232	0	111	69	137			
2-Butanone	0.135	0.0150	0.116	0	116	49	136			
2-Chlorotoluene	0.0208	0.00100	0.0232	0	89.8	73	126			
2-Hexanone	0.104	0.0150	0.116	0	89.6	50	150			
4-Chlorotoluene	0.0213	0.00100	0.0232	0	91.8	74	128			
4-Methyl-2-pentanone	0.103	0.0150	0.116	0	88.9	60	134			
Acetone	0.124	0.0150	0.116	0	107	40	135			
Benzene	0.0259	0.00100	0.0232	0	112	81	122			
Bromobenzene	0.0207	0.00100	0.0232	0	89.0	76	124			
Bromochloromethane	0.0258	0.00100	0.0232	0	111	65	129			
Bromodichloromethane	0.0253	0.00100	0.0232	0	109	76	121			
Bromoform	0.0215	0.00100	0.0232	0	92.6	69	128			
Bromomethane	0.0197	0.00100	0.0232	0	84.9	53	141			
Carbon disulfide	0.0209	0.0150	0.0232	0	90.1	50	150			
Carbon tetrachloride	0.0278	0.00100	0.0232	0	120	66	138			
Chlorobenzene	0.0216	0.00100	0.0232	0	93.1	81	122			
Chloroethane	0.0264	0.00100	0.0232	0	114	58	133			
Chloroform	0.0254	0.00100	0.0232	0	109	69	128			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

Sample ID: **LCS-103693** Batch ID: **103693** TestNo: **SW8260D** Units: **mg/L**
SampType: **LCS** Run ID: **GCMS7_220126A** Analysis Date: **1/26/2022 3:03:00 PM** Prep Date: **1/26/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloromethane	0.0272	0.00100	0.0232	0	117	56	131			
cis-1,2-Dichloroethene	0.0254	0.00100	0.0232	0	109	72	126			
cis-1,3-Dichloropropene	0.0263	0.00100	0.0232	0	114	69	131			
Cyclohexane	0.0247	0.0150	0.0232	0	106	40	161			N
Dibromochloromethane	0.0217	0.00100	0.0232	0	93.7	66	133			
Dibromomethane	0.0244	0.00100	0.0232	0	105	76	125			
Dichlorodifluoromethane	0.0319	0.00100	0.0232	0	137	53	153			
Ethylbenzene	0.0215	0.00100	0.0232	0	92.8	80	120			
Hexachlorobutadiene	0.0264	0.00300	0.0232	0	114	67	131			
Isopropylbenzene	0.0218	0.00100	0.0232	0	94.2	75	127			
m,p-Xylene	0.0441	0.00200	0.0464	0	95.0	80	120			
Methyl Acetate	0.0211	0.0150	0.0232	0	90.8	50	150			
Methyl tert-butyl ether	0.0231	0.00100	0.0232	0	99.7	68	123			
Methylcyclohexane	0.0258	0.0150	0.0232	0	111	70	130			
Methylene chloride	0.0271	0.00250	0.0232	0	117	63	137			
Naphthalene	0.0210	0.0150	0.0232	0	90.5	54	138			
n-Butylbenzene	0.0204	0.00100	0.0232	0	87.9	69	137			
n-Propylbenzene	0.0206	0.00100	0.0232	0	88.6	72	129			
o-Xylene	0.0221	0.00100	0.0232	0	95.1	80	120			
p-Isopropyltoluene	0.0207	0.00100	0.0232	0	89.1	73	130			
sec-Butylbenzene	0.0207	0.00100	0.0232	0	89.1	72	127			
Styrene	0.0215	0.00100	0.0232	0	92.8	65	134			
tert-Butylbenzene	0.0207	0.00100	0.0232	0	89.1	70	129			
Tetrachloroethene	0.0218	0.00200	0.0232	0	94.1	66	128			
Toluene	0.0255	0.00200	0.0232	0	110	80	120			
trans-1,2-Dichloroethene	0.0253	0.00100	0.0232	0	109	63	137			
trans-1,3-Dichloropropene	0.0252	0.00100	0.0232	0	109	59	135			
Trichloroethene	0.0252	0.00100	0.0232	0	109	70	127			
Trichlorofluoromethane	0.0299	0.00100	0.0232	0	129	57	129			
Vinyl chloride	0.0304	0.00100	0.0232	0	131	50	134			
Total Xylenes	0.0661	0.00100	0.0696	0	95.0	80	120			
Surr: 1,2-Dichloroethane-d4	175		200.0		87.7	72	119			
Surr: 4-Bromofluorobenzene	191		200.0		95.6	76	119			
Surr: Dibromofluoromethane	188		200.0		93.8	85	115			
Surr: Toluene-d8	169		200.0		84.4	81	120			

Sample ID: **MB-103693** Batch ID: **103693** TestNo: **SW8260D** Units: **mg/L**
SampType: **MBLK** Run ID: **GCMS7_220126A** Analysis Date: **1/26/2022 3:57:00 PM** Prep Date: **1/26/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	<0.000300	0.00100								

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201163
Project: Dallas Brownfield-Fair Park Phase II ESA (Wat

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_220126A

Sample ID: **MB-103693** Batch ID: **103693** TestNo: **SW8260D** Units: **mg/L**
SampType: **MBLK** Run ID: **GCMS7_220126A** Analysis Date: **1/26/2022 3:57:00 PM** Prep Date: **1/26/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.000300	0.00100								
1,1,2,2-Tetrachloroethane	<0.000300	0.00100								
1,1,2-Trichloroethane	<0.000300	0.00100								
1,1,2-Trichlorotrifluoroethane	<0.00500	0.0150								
1,1-Dichloroethane	<0.000300	0.00100								
1,1-Dichloroethene	<0.000300	0.00100								
1,1-Dichloropropene	<0.000300	0.00100								
1,2,3-Trichlorobenzene	<0.00150	0.00500								
1,2,3-Trichloropropane	<0.000300	0.00100								
1,2,4-Trichlorobenzene	<0.00150	0.00500								
1,2,4-Trimethylbenzene	<0.00150	0.00500								
1,2-Dibromo-3-chloropropane	<0.00300	0.0100								
1,2-Dibromoethane	<0.000300	0.00100								
1,2-Dichlorobenzene	<0.000300	0.00100								
1,2-Dichloroethane	<0.000300	0.00100								
1,2-Dichloropropane	<0.000300	0.00100								
1,3,5-Trimethylbenzene	<0.00150	0.00500								
1,3-Dichlorobenzene	<0.000300	0.00100								
1,3-Dichloropropane	<0.000300	0.00100								
1,4-Dichlorobenzene	<0.000300	0.00100								
1-Chlorohexane	<0.00100	0.00500								
2,2-Dichloropropane	<0.000300	0.00100								
2-Butanone	<0.00500	0.0150								
2-Chlorotoluene	<0.000300	0.00100								
2-Hexanone	<0.00500	0.0150								
4-Chlorotoluene	<0.000300	0.00100								
4-Methyl-2-pentanone	<0.00500	0.0150								
Acetone	<0.00500	0.0150								
Benzene	<0.000300	0.00100								
Bromobenzene	<0.000300	0.00100								
Bromochloromethane	<0.000300	0.00100								
Bromodichloromethane	<0.000300	0.00100								
Bromoform	<0.000300	0.00100								
Bromomethane	<0.000300	0.00100								
Carbon disulfide	<0.00500	0.0150								
Carbon tetrachloride	<0.000300	0.00100								
Chlorobenzene	<0.000300	0.00100								
Chloroethane	<0.000300	0.00100								
Chloroform	<0.000300	0.00100								
Chloromethane	<0.000300	0.00100								
cis-1,2-Dichloroethene	<0.000300	0.00100								

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

Sample ID: **MB-103693**	Batch ID: **103693**	TestNo: **SW8260D**	Units: **mg/L**
SampType: **MBLK**	Run ID: **GCMS7_220126A**	Analysis Date: **1/26/2022 3:57:00 PM**	Prep Date: **1/26/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
cis-1,3-Dichloropropene	<0.000300	0.00100								
Cyclohexane	<0.00500	0.0150								N
Dibromochloromethane	<0.000300	0.00100								
Dibromomethane	<0.000300	0.00100								
Dichlorodifluoromethane	<0.000300	0.00100								
Ethylbenzene	<0.000300	0.00100								
Hexachlorobutadiene	<0.00100	0.00300								
Isopropylbenzene	<0.000300	0.00100								
m,p-Xylene	<0.000600	0.00200								
Methyl Acetate	<0.00500	0.0150								
Methyl tert-butyl ether	<0.000300	0.00100								
Methylcyclohexane	<0.00500	0.0150								
Methylene chloride	<0.00250	0.00250								
Naphthalene	<0.00500	0.0150								
n-Butylbenzene	<0.000300	0.00100								
n-Propylbenzene	<0.000300	0.00100								
o-Xylene	<0.000300	0.00100								
p-Isopropyltoluene	<0.000300	0.00100								
sec-Butylbenzene	<0.000300	0.00100								
Styrene	<0.000300	0.00100								
tert-Butylbenzene	<0.000300	0.00100								
Tetrachloroethene	<0.000600	0.00200								
Toluene	<0.000600	0.00200								
trans-1,2-Dichloroethene	<0.000300	0.00100								
trans-1,3-Dichloropropene	<0.000300	0.00100								
Trichloroethene	<0.000600	0.00100								
Trichlorofluoromethane	<0.000300	0.00100								
Vinyl chloride	<0.000300	0.00100								
Total Xylenes	<0.000300	0.00100								
Surr: 1,2-Dichloroethane-d4	175		200.0		87.3	72	119			
Surr: 4-Bromofluorobenzene	196		200.0		97.8	76	119			
Surr: Dibromofluoromethane	189		200.0		94.6	85	115			
Surr: Toluene-d8	169		200.0		84.5	81	120			

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201163
Project: Dallas Brownfield-Fair Park Phase II ESA (Wat

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_220126A

Sample ID: **ICV-220126**	Batch ID: **R119043**	TestNo: **SW8260D**	Units: **mg/L**
SampType: **ICV**	Run ID: **GCMS7_220126A**	Analysis Date: **1/26/2022 1:52:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	0.0461	0.00100	0.0464	0	99.4	70	130			
1,1,1-Trichloroethane	0.0533	0.00100	0.0464	0	115	70	130			
1,1,2,2-Tetrachloroethane	0.0416	0.00100	0.0464	0	89.6	70	130			
1,1,2-Trichloroethane	0.0540	0.00100	0.0464	0	116	70	130			
1,1,2-Trichlorotrifluoroethane	0.0506	0.0150	0.0464	0	109	70	130			
1,1-Dichloroethane	0.0545	0.00100	0.0464	0	117	70	130			
1,1-Dichloroethene	0.0550	0.00100	0.0464	0	118	70	130			
1,1-Dichloropropene	0.0550	0.00100	0.0464	0	118	70	130			
1,2,3-Trichlorobenzene	0.0477	0.00500	0.0464	0	103	70	130			
1,2,3-Trichloropropane	0.0416	0.00100	0.0464	0	89.8	70	130			
1,2,4-Trichlorobenzene	0.0479	0.00500	0.0464	0	103	70	130			
1,2,4-Trimethylbenzene	0.0437	0.00500	0.0464	0	94.2	70	130			
1,2-Dibromo-3-chloropropane	0.0417	0.0100	0.0464	0	89.9	70	130			
1,2-Dibromoethane	0.0457	0.00100	0.0464	0	98.5	70	130			
1,2-Dichlorobenzene	0.0436	0.00100	0.0464	0	93.9	70	130			
1,2-Dichloroethane	0.0504	0.00100	0.0464	0	109	70	130			
1,2-Dichloropropane	0.0554	0.00100	0.0464	0	119	70	130			
1,3,5-Trimethylbenzene	0.0442	0.00500	0.0464	0	95.2	70	130			
1,3-Dichlorobenzene	0.0438	0.00100	0.0464	0	94.4	70	130			
1,3-Dichloropropane	0.0455	0.00100	0.0464	0	98.0	70	130			
1,4-Dichlorobenzene	0.0432	0.00100	0.0464	0	93.1	70	130			
1-Chlorohexane	0.0400	0.00500	0.0464	0	86.2	70	130			
2,2-Dichloropropane	0.0548	0.00100	0.0464	0	118	70	130			
2-Butanone	0.240	0.0150	0.232	0	103	70	130			
2-Chlorotoluene	0.0444	0.00100	0.0464	0	95.8	70	130			
2-Hexanone	0.187	0.0150	0.232	0	80.8	70	130			
4-Chlorotoluene	0.0453	0.00100	0.0464	0	97.7	70	130			
4-Methyl-2-pentanone	0.184	0.0150	0.232	0	79.3	70	130			
Acetone	0.217	0.0150	0.232	0	93.3	70	130			
Benzene	0.0558	0.00100	0.0464	0	120	70	130			
Bromobenzene	0.0436	0.00100	0.0464	0	93.9	70	130			
Bromochloromethane	0.0540	0.00100	0.0464	0	116	70	130			
Bromodichloromethane	0.0540	0.00100	0.0464	0	116	70	130			
Bromoform	0.0448	0.00100	0.0464	0	96.5	70	130			
Bromomethane	0.0333	0.00100	0.0464	0	71.7	70	130			
Carbon disulfide	0.0420	0.0150	0.0464	0	90.5	70	130			
Carbon tetrachloride	0.0593	0.00100	0.0464	0	128	70	130			
Chlorobenzene	0.0455	0.00100	0.0464	0	98.0	70	130			
Chloroethane	0.0460	0.00100	0.0464	0	99.2	70	130			
Chloroform	0.0530	0.00100	0.0464	0	114	70	130			
Chloromethane	0.0483	0.00100	0.0464	0	104	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201163
Project: Dallas Brownfield-Fair Park Phase II ESA (Wat

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_220126A

Sample ID: **ICV-220126** Batch ID: **R119043** TestNo: **SW8260D** Units: **mg/L**
SampType: **ICV** Run ID: **GCMS7_220126A** Analysis Date: **1/26/2022 1:52:00 PM** Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	0.0547	0.00100	0.0464	0	118	70	130			
cis-1,3-Dichloropropene	0.0567	0.00100	0.0464	0	122	70	130			
Cyclohexane	0.0491	0.0150	0.0464	0	106	70	130			N
Dibromochloromethane	0.0461	0.00100	0.0464	0	99.3	70	130			
Dibromomethane	0.0519	0.00100	0.0464	0	112	70	130			
Dichlorodifluoromethane	0.0562	0.00100	0.0464	0	121	70	130			
Ethylbenzene	0.0462	0.00100	0.0464	0	99.7	70	130			
Hexachlorobutadiene	0.0551	0.00300	0.0464	0	119	70	130			
Isopropylbenzene	0.0458	0.00100	0.0464	0	98.8	70	130			
m,p-Xylene	0.0929	0.00200	0.0928	0	100	70	130			
Methyl Acetate	0.0416	0.0150	0.0464	0	89.6	70	130			
Methyl tert-butyl ether	0.0485	0.00100	0.0464	0	104	70	130			
Methylcyclohexane	0.0524	0.0150	0.0464	0	113	70	130			
Methylene chloride	0.0584	0.00250	0.0464	0	126	70	130			
Naphthalene	0.0413	0.0150	0.0464	0	89.0	70	130			
n-Butylbenzene	0.0441	0.00100	0.0464	0	95.0	70	130			
n-Propylbenzene	0.0439	0.00100	0.0464	0	94.6	70	130			
o-Xylene	0.0466	0.00100	0.0464	0	100	70	130			
p-Isopropyltoluene	0.0439	0.00100	0.0464	0	94.6	70	130			
sec-Butylbenzene	0.0437	0.00100	0.0464	0	94.3	70	130			
Styrene	0.0457	0.00100	0.0464	0	98.5	70	130			
tert-Butylbenzene	0.0438	0.00100	0.0464	0	94.3	70	130			
Tetrachloroethene	0.0462	0.00200	0.0464	0	99.6	70	130			
Toluene	0.0548	0.00200	0.0464	0	118	70	130			
trans-1,2-Dichloroethene	0.0548	0.00100	0.0464	0	118	70	130			
trans-1,3-Dichloropropene	0.0561	0.00100	0.0464	0	121	70	130			
Trichloroethene	0.0541	0.00100	0.0464	0	117	70	130			
Trichlorofluoromethane	0.0519	0.00100	0.0464	0	112	70	130			
Vinyl chloride	0.0537	0.00100	0.0464	0	116	70	130			
Total Xylenes	0.140	0.00100	0.139	0	100	70	130			
Surr: 1,2-Dichloroethane-d4	173		200.0		86.3	72	119			
Surr: 4-Bromofluorobenzene	192		200.0		95.9	76	119			
Surr: Dibromofluoromethane	186		200.0		93.1	85	115			
Surr: Toluene-d8	168		200.0		84.1	81	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201163
Project: Dallas Brownfield-Fair Park Phase II ESA (Wat

MQL SUMMARY REPORT

TestNo: TX1005	MDL	MQL
Analyte	**mg/L**	**mg/L**
T/R Hydrocarbons: C6-C12	0.700	2.00
T/R Hydrocarbons: >C12-C28	0.700	2.00
T/R Hydrocarbons: >C28-C35	0.700	2.00
T/R Hydrocarbons: C6-C35	0.700	2.00

TestNo: SW6020B	MDL	MQL
Analyte	**mg/L**	**mg/L**
Lead	0.000300	0.00100

TestNo: SW6020B	MDL	MQL
Analyte	**mg/L**	**mg/L**
Lead	0.000300	0.00100

TestNo: SW8260D	MDL	MQL
Analyte	**mg/L**	**mg/L**
1,1,1,2-Tetrachloroethane	0.000300	0.00100
1,1,1-Trichloroethane	0.000300	0.00100
1,1,2,2-Tetrachloroethane	0.000300	0.00100
1,1,2-Trichloroethane	0.000300	0.00100
1,1,2-Trichlorotrifluoroethane	0.00500	0.0150
1,1-Dichloroethane	0.000300	0.00100
1,1-Dichloroethene	0.000300	0.00100
1,1-Dichloropropene	0.000300	0.00100
1,2,3-Trichlorobenzene	0.00150	0.00500
1,2,3-Trichloropropane	0.000300	0.00100
1,2,4-Trichlorobenzene	0.00150	0.00500
1,2,4-Trimethylbenzene	0.00150	0.00500
1,2-Dibromo-3-chloropropane	0.00300	0.0100
1,2-Dibromoethane	0.000300	0.00100
1,2-Dichlorobenzene	0.000300	0.00100
1,2-Dichloroethane	0.000300	0.00100
1,2-Dichloropropane	0.000300	0.00100
1,3,5-Trimethylbenzene	0.00150	0.00500
1,3-Dichlorobenzene	0.000300	0.00100
1,3-Dichloropropane	0.000300	0.00100
1,4-Dichlorobenzene	0.000300	0.00100
1-Chlorohexane	0.00100	0.00500
2,2-Dichloropropane	0.000300	0.00100
2-Butanone	0.00500	0.0150
2-Chlorotoluene	0.000300	0.00100
2-Hexanone	0.00500	0.0150
4-Chlorotoluene	0.000300	0.00100
4-Methyl-2-pentanone	0.00500	0.0150
Acetone	0.00500	0.0150
Benzene	0.000300	0.00100
Bromobenzene	0.000300	0.00100
Bromochloromethane	0.000300	0.00100
Bromodichloromethane	0.000300	0.00100
Bromoform	0.000300	0.00100
Bromomethane	0.000300	0.00100
Carbon disulfide	0.00500	0.0150
Carbon tetrachloride	0.000300	0.00100
Chlorobenzene	0.000300	0.00100
Chloroethane	0.000300	0.00100
Chloroform	0.000300	0.00100
Chloromethane	0.000300	0.00100
cis-1,2-Dichloroethene	0.000300	0.00100
cis-1,3-Dichloropropene	0.000300	0.00100
Cyclohexane	0.00500	0.0150

Qualifiers: MQL -Method Quantitation Limit as defined by TRRP
MDL -Method Detection Limit as defined by TRRP

MQL SUMMARY REPORT

Dibromochloromethane	0.000300	0.00100
Dibromomethane	0.000300	0.00100
Dichlorodifluoromethane	0.000300	0.00100
Ethylbenzene	0.000300	0.00100
Hexachlorobutadiene	0.00100	0.00300
Isopropylbenzene	0.000300	0.00100
m,p-Xylene	0.000600	0.00200
Methyl Acetate	0.00500	0.0150
Methyl tert-butyl ether	0.000300	0.00100
Methylcyclohexane	0.00500	0.0150
Methylene chloride	0.00250	0.00250
Naphthalene	0.00500	0.0150
n-Butylbenzene	0.000300	0.00100
n-Propylbenzene	0.000300	0.00100
o-Xylene	0.000300	0.00100
p-Isopropyltoluene	0.000300	0.00100
sec-Butylbenzene	0.000300	0.00100
Styrene	0.000300	0.00100
tert-Butylbenzene	0.000300	0.00100
Tetrachloroethene	0.000600	0.00200
Toluene	0.000600	0.00200
trans-1,2-Dichloroethene	0.000300	0.00100
trans-1,3-Dichloropropene	0.000300	0.00100
Trichloroethene	0.000600	0.00100
Trichlorofluoromethane	0.000300	0.00100
Vinyl chloride	0.000300	0.00100
Total Xylenes	0.000300	0.00100

TestNo: SW8270E-LL	**MDL**	**MQL**
Analyte	**mg/L**	**mg/L**
Acenaphthene	0.0000250	0.0000500
Acenaphthylene	0.0000250	0.0000500
Anthracene	0.0000250	0.0000500
Benzo[a]anthracene	0.0000250	0.0000500
Benzo[a]pyrene	0.0000250	0.0000500
Benzo[b]fluoranthene	0.0000250	0.0000500
Benzo[g,h,i]perylene	0.0000250	0.0000500
Benzo[k]fluoranthene	0.0000250	0.0000500
Chrysene	0.0000250	0.0000500
Dibenz[a,h]anthracene	0.0000250	0.0000500
Fluoranthene	0.0000250	0.0000500
Fluorene	0.0000250	0.0000500
Indeno[1,2,3-cd]pyrene	0.0000250	0.0000500
Naphthalene	0.0000250	0.0000500
Phenanthrene	0.0000250	0.0000500
Pyrene	0.0000250	0.0000500

Qualifiers: MQL -Method Quantitation Limit as defined by TRRP
MDL -Method Detection Limit as defined by TRRP

February 01, 2022

Sarah Vonraesfeld
Stantec Consulting Services Inc.
1905 Aldrich Street #300
Austin, TX 78723-3544
TEL: (925) 627-4654
FAX

Order No.: 2201164

RE: Dallas Brownfield-Fair Park Phase II ESA (IDW)

Dear Sarah Vonraesfeld:

DHL Analytical, Inc. received 2 sample(s) on 1/21/2022 for the analyses presented in the following report.

There were no problems with the analyses and all data met requirements of NELAP except where noted in the Case Narrative. All non-NELAP methods will be identified accordingly in the case narrative and all estimated uncertainties of test results are within method or EPA specifications.

If you have any questions regarding these tests results, please feel free to call. Thank you for using DHL Analytical.

Sincerely,

John DuPont
General Manager

This report was performed under the accreditation of the State of Texas Laboratory Certification Number: T104704211-21-27

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DHL ANALYTICAL
2300 Double Creek Dr. Round Rock, TX 78664
Phone 512.388.8222
Web: **www.dhlanalytical.com**
Email: **login@dhlanalytical.com**

CHAIN-OF-CUSTODY

CLIENT:	Stantec		LABORATORY USE ONLY
ADDRESS:	1340 Treat Blvd. Suite 525 Walnut Creek, CA 94597	**PO#:**	DHL WORKORDER #: 2201164
PHONE:	925-627-4654 EMAIL: sarah.vonraesfeld@santec.com		
DATA REPORTED TO:	Sarah Von Raesfeld	PROJECT LOCATION OR NAME:	Dallas Brownfield - Fair Park Phase II ESA (IDW)
ADDITIONAL REPORT COPIES TO:		CLIENT PROJECT #	COLLECTOR:

Authorize 5% surcharge for TRRP report? ☐ Yes ☐ No

Lab Use Only: W=WATER L=LIQUID S=SOIL SO=SOLID SE=SEDIMENT P=PAINT SL=SLUDGE

PRESERVATION: # of Containers | HCL | HNO_3 | H_2SO_4 | NaOH ☐ Zn Acetate ☐ | ICE ☐ UNPRESERVED ☐

ANALYSES: BTEX ☐ MTBE ☐ [METHOD 8260] | TPH 1005 ☐ TPH 1006 ☐ HOLD 1006 ☐ | GRO 8015 ☐ DRO 8015 ☐ | VOC 8260 ☐ VOC 624.1 ☐ | SVOC 8270 ☐ SVOC 625.1 ☐ | PAH 8270 ☐ HOLD PAH ☐ | PEST 8270 ☐ 625.1 ☐ O-P PEST 8270 ☐ | PCB 8082 ☐ 608.3 ☐ PCB 8270 ☐ 625.1 ☐ | HERB 8321 ☐ T PHOS ☐ AMMONIA ☐ | METALS 6020 ☐ 200.8 ☐ DISS. METALS ☐ | RCRA 8 ☐ TX11 ☐ _____ | pH ☐ HEX CHROM ☐ ALKALINITY ☐ COD ☐ | ANIONS 300 ☐ 9056 ☐ _____ | TCLP-SVOC ☒ VOC ☒ PEST ☐ HERB ☐ | TCLP-METALS ☒ RCRA 8 ☐ TX-11 ☐ Pb ☐ | RCI ☒ IGN ☐ DGAS ☐ OIL&GREASE ☐ | TDS ☐ TSS ☐ % MOIST ☐ CYANIDE ☐

Field Sample I.D.	DHL Lab #	Collection Date	Collection Time	Matrix	Container Type	# of Containers	HCL	HNO_3	H_2SO_4	NaOH / Zn Acetate	ICE / UNPRESERVED	TCLP-SVOC	TCLP-METALS	RCI	FIELD NOTES
IDWSO	01	1-20-22	1330	S		3						X	X	X	
IDWWG	02	1-20-22	1340	W		7						X	X	X	

Relinquished By: (Sign) Stantec	DATE/TIME 1-20-22 1530	Received by: FedEx	TURN AROUND TIME (CALL FIRST FOR RUSH)
Relinquished By: (Sign) FedEx	DATE/TIME 1/21/22 0924	Received by:	RUSH-1 DAY☐ RUSH-2 DAY☐ RUSH-3 DAY☐
Relinquished By: (Sign)	DATE/TIME	Received by:	NORMAL ☐ OTHER ☐ DUE DATE _____

LABORATORY USE ONLY
RECEIVING TEMP (°C): 2.2°C / 1.3°C THERM #: 78
CUSTODY SEALS: ☐ BROKEN ☒ INTACT ☐ NOT USED
CARRIER: ☐ LSO ☒ FEDEX ☐ UPS ☐ COURIER ☐ OTHER ☐ HAND DELIVERED

☐ DHLDISPOSAL @ 5.00 each ☐ Return

DHL Analytical, Inc.

Sample Receipt Checklist

Client Name **Stantec Consulting Services Inc.** Date Received: **1/21/2022**

Work Order Number **2201164** Received by: **RA**

Checklist completed by: _____ 1/21/2022 Reviewed by (DS) 1/21/2022
Signature | Date | Initials | Date

Carrier name: FedEx 1day

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	2.2 °C /1.3°C
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH<2 acceptable upon receipt?	Yes ☐	No ☐	NA ☑ LOT #
	Adjusted? _____		Checked by _____
Water - ph>9 (S) or ph>10 (CN) acceptable upon receipt?	Yes ☐	No ☐	NA ☑ LOT #
	Adjusted? _____		Checked by _____

Any No response must be detailed in the comments section below.

Client contacted: _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action: _____

Laboratory Name: DHL Analytical, Inc.

Laboratory Review Checklist: Reportable Data

Project Name: Dallas Brownfield-Fair Park Phase II ESA (IDW)	**LRC Date:** 2/1/22
Reviewer Name: Carlos Castro	**Laboratory Work Order:** 2201164
Prep Batch Number(s): See Prep Dates Report	**Run Batch:** See Analytical Dates Report

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-Custody (C-O-C)					
R1	OI	**1)** Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	**X**				**R1-01**
		2) Were all departures from standard conditions described in an exception report?			**X**		
R2	OI	**Sample and Quality Control (QC) Identification**					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	**X**				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	**X**				
R3	OI	**Test Reports**					
		1) Were all samples prepared and analyzed within holding times?	**X**				
		2) Other than those results < MQL, were all other raw values bracketed by calibration standards?	**X**				
		3) Were calculations checked by a peer or supervisor?	**X**				
		4) Were all analyte identifications checked by a peer or supervisor?	**X**				
		5) Were sample detection limits reported for all analytes not detected?	**X**				
		6) Were all results for soil and sediment samples reported on a dry weight basis?			**X**		
		7) Were % moisture (or solids) reported for all soil and sediment samples?			**X**		
		8) Were bulk soils/solids samples for volatile analysis extracted with methanol per EPA Method 5035?			**X**		
		9) If required for the project, TICs reported?			**X**		
R4	O	**Surrogate Recovery Data**					
		1) Were surrogates added prior to extraction?	**X**				
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?	**X**				
R5	OI	**Test Reports/Summary Forms for Blank Samples**					
		1) Were appropriate type(s) of blanks analyzed?	**X**				
		2) Were blanks analyzed at the appropriate frequency?	**X**				
		3) Where method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	**X**				
		4) Were blank concentrations < MDL?		**X**			**R5-04**
		5) For analyte(s) detected in a blank sample, was the concentration, unadjusted for sample specific factors, in all associated field samples, **greater** than 10 times the concentration in the blank sample?		**X**			**R5-05**
R6	OI	**Laboratory Control Samples (LCS):**					
		1) Were all COCs included in the LCS?	**X**				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	**X**				
		3) Were LCSs analyzed at the required frequency?	**X**				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	**X**				
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	**X**				
		6) Was the LCSD RPD within QC limits (if applicable)?	**X**				
R7	OI	**Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Data**					
		1) Were the project/method specified analytes included in the MS and MSD?	**X**				
		2) Were MS/MSD analyzed at the appropriate frequency?	**X**				
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		**X**			**R7-03**
		4) Were MS/MSD RPDs within laboratory QC limits?		**X**			**R7-04**
R8	OI	**Analytical Duplicate Data**					
		1) Were appropriate analytical duplicates analyzed for each matrix?	**X**				
		2) Were analytical duplicates analyzed at the appropriate frequency?	**X**				
		3) Were RPDs or relative standard deviations within the laboratory QC limits?	**X**				
R9	OI	**Method Quantitation Limits (MQLs):**					
		1) Are the MQLs for each method analyte included in the laboratory data package?	**X**				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	**X**				
		3) Are unadjusted MQLs and DCSs included in the laboratory data package?	**X**				
R10	OI	**Other Problems/Anomalies**					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	**X**				
		2) Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	**X**				
		3) Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	**X**				

Laboratory Name: DHL Analytical, Inc.

Laboratory Review Checklist (continued): Supporting Data

Project Name: Dallas Brownfield-Fair Park Phase II ESA (IDW)	**LRC Date:** 2/1/22
Reviewer Name: Carlos Castro	**Laboratory Work Order:** 2201164
Prep Batch Number(s): See Prep Dates Report	**Run Batch:** See Analytical Dates Report

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial Calibration (ICAL)**					
		1) Were response factors and/or relative response factors for each analyte within QC limits?	X				
		2) Were percent RSDs or correlation coefficient criteria met?	X				
		3) Was the number of standards recommended in the method used for all analytes?	X				
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		5) Are ICAL data available for all instruments used?	X				
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and Continuing calibration Verification (ICCV and CCV) and Continuing Calibration blank (CCB):**					
		1) Was the CCV analyzed at the method-required frequency?	X				
		2) Were percent differences for each analyte within the method-required QC limits?	X				
		3) Was the ICAL curve verified for each analyte?	X				
		4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass Spectral Tuning:**					
		1) Was the appropriate compound for the method used for tuning?	X				
		2) Were ion abundance data within the method-required QC limits?	X				
S4	O	**Internal Standards (IS):**					
		1) Were IS area counts and retention times within the method-required QC limits?	X				
S5	OI	**Raw Data (NELAC Section 5.5.10)**					
		1) Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		2) Were data associated with manual integrations flagged on the raw data?	X				
S6	O	**Dual Column Confirmation**					
		1) Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively Identified Compounds (TICs):**					
		1) If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) Results:**					
		1) Were percent recoveries within method QC limits?	X				
S9	I	**Serial Dilutions, Post Digestion Spikes, and Method of Standard Additions**					
		1) Were percent differences, recoveries, and the linearity within the QC limits specified in the method?	X				
S10	OI	**Method Detection Limit (MDL) Studies**					
		1) Was a MDL study performed for each reported analyte?	X				
		2) Is the MDL either adjusted or supported by the analysis of DCSs?			X		
S11	OI	**Proficiency Test Reports:**					
		1) Was the lab's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards Documentation**					
		1) Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/Analyte Identification Procedures**					
		1) Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of Analyst Competency (DOC)**					
		1) Was DOC conducted consistent with NELAC Chapter 5 – Appendix C?	X				
		2) Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/Validation Documentation for Methods** (NELAC Chapter 5)					
		1) Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory Standard Operating Procedures (SOPs):**					
		1) Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).
3 NA = Not applicable.
4 NR = Not Reviewed.
5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Data Package Signature Page – RG-366/TRRP-13

This data package consists of:

This signature page, the laboratory review checklist, and the following reportable data:

R1 Field chain-of-custody documentation;
R2 Sample identification cross-reference;
R3 Test reports (analytical data sheets) for each environmental sample that includes:
  a) Items consistent with NELAC Chapter 5,
  b) dilution factors,
  c) preparation methods,
  d) cleanup methods, and
  e) if required for the project, tentatively identified compounds (TICs).
R4 Surrogate recovery data including:
  a) Calculated recovery (%R), and
  b) The laboratory's surrogate QC limits.
R5 Test reports/summary forms for blank samples;
R6 Test reports/summary forms for laboratory control samples (LCSs) including:
  a) LCS spiking amounts,
  b) Calculated %R for each analyte, and
  c) The laboratory's LCS QC limits.
R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
  a) Samples associated with the MS/MSD clearly identified,
  b) MS/MSD spiking amounts,
  c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
  d) Calculated %Rs and relative percent differences (RPDs), and
  e) The laboratory's MS/MSD QC limits
R8 Laboratory analytical duplicate (if applicable) recovery and precision:
  a) The amount of analyte measured in the duplicate,
  b) The calculated RPD, and
  c) The laboratory's QC limits for analytical duplicates.
R9 List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix;
R10 Other problems or anomalies.

The Exception Report for each "No" or "Not Reviewed (NR)" item in the Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory is not accredited under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information or data affecting the quality of the data has been knowingly withheld.

This laboratory was last inspected by TCEQ on February 23-26 2021. Any findings affecting the data in this laboratory data package are noted in the Exception Reports herein. The official signing the cover page of the report in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

Name: John DuPont
Official Title: General Manager



Signature

02/01/22

Date

Name: Dr. Derhsing Luu
Official Title: Technical Director

DHL Analytical, Inc. **Date:** *01-Feb-22*

CLIENT:	Stantec Consulting Services Inc.
Project:	Dallas Brownfield-Fair Park Phase II ESA (ID
Lab Order:	2201164

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Method SW1311/6020B - TCLP Metals Analysis
Method SW1311/7470A - TCLP Mercury Analysis
Method SW1311/8260D - TCLP Volatile Organics Analysis
Method 1311/8270E - TCLP Semivolatile Organics Analysis
Method SW1010 - Ignitability Analysis
Method SW9045D - pH of a Solid (corrosivity)
Method M4500-H+ B - pH of a Water
Method SW846 CH7.3 - Reactivity Analysis (cyanide & sulfide) (this parameter is not NELAP certified)
Method D2216 - Percent Moisture Analysis

Exception Report R1-01

The samples were received and log-in performed on 1/21/22. A total of 2 samples were received. The samples arrived in good condition and were properly packaged.

Exception Report R5-04

For TCLP Metals analysis performed on 1/27/22 Lead was detected below the reporting limit in the TCLP method blank (MB-103686-TCLP).

Exception Report R5-05

For TCLP Metals analysis performed on 1/27/22 the batch method blank (MB-103698) was below detection limits for Lead. No further corrective actions were taken.

Exception Report R7-03 & R7-04

For TCLP Volatiles analysis performed on 1/28/22 the matrix spike and matrix spike duplicate recoveries were above control limits for 2-Butanone or Benzene. In addition, the matrix spike and matrix spike duplicate had the RPD slightly above control limits for Carbon tetrachloride. These are flagged accordingly in the QC summary report. The sample selected for the matrix spike and matrix spike duplicate was not from this work order. These compounds were within control limits in the associated LCS. No further corrective actions were taken.

The results of the samples were below TCLP or RCRA characterization limits.

DHL Analytical, Inc.

Date: *01-Feb-22*

CLIENT: Stantec Consulting Services Inc.
Project: Dallas Brownfield-Fair Park Phase II ESA (IDW
Lab Order: 2201164

Work Order Sample Summary

Lab Smp ID	Client Sample ID	Tag Number	Date Collected	Date Recved
2201164-01	IDWSO		01/20/22 01:30 PM	1/21/2022
2201164-02	IDWWG		01/20/22 01:40 PM	1/21/2022

Lab Order: 2201164
Client: Stantec Consulting Services Inc.
Project: Dallas Brownfield-Fair Park Phase

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
2201164-01A	IDWSO	01/20/22 01:30 PM	Soil	SW5030C	Purge and Trap Water GC/MS	01/28/22 12:22 PM	103736
2201164-01B	IDWSO	01/20/22 01:30 PM	Soil	SW3510C	Aq Prep Sep Funnel: BNA	01/28/22 10:05 AM	103733
	IDWSO	01/20/22 01:30 PM	Soil	SW3010A	Liquid Prep Total Metals: ICP-MS	01/27/22 07:47 AM	103698
	IDWSO	01/20/22 01:30 PM	Soil	SW7470A	Mercury Aq Prep	01/28/22 08:14 AM	103717
2201164-01C	IDWSO	01/20/22 01:30 PM	Soil	SW1010	Ignitibility Preparation	01/27/22 09:06 AM	103709
	IDWSO	01/20/22 01:30 PM	Soil	D2216	Moisture Preparation	01/25/22 02:54 PM	103674
	IDWSO	01/20/22 01:30 PM	Soil	SW9045C	pH Preparation	01/25/22 10:49 AM	103665
	IDWSO	01/20/22 01:30 PM	Soil	Reactivity	Reactivity Prep	01/27/22 08:54 AM	103707
	IDWSO	01/20/22 01:30 PM	Soil	Reactivity	Reactivity Prep	01/27/22 08:54 AM	103707
2201164-02A	IDWWG	01/20/22 01:40 PM	Aqueous	SW5030C	Purge and Trap Water GC/MS	01/28/22 12:22 PM	103736
2201164-02B	IDWWG	01/20/22 01:40 PM	Aqueous	SW3010A	Liquid Prep Total Metals: ICP-MS	01/27/22 07:47 AM	103698
	IDWWG	01/20/22 01:40 PM	Aqueous	SW7470A	Mercury Aq Prep	01/28/22 08:14 AM	103717
2201164-02C	IDWWG	01/20/22 01:40 PM	Aqueous	SW1010	Ignitibility Preparation	01/31/22 01:30 PM	103760
	IDWWG	01/20/22 01:40 PM	Aqueous	M4500-H+ B	pH Preparation	01/25/22 10:18 AM	103664
	IDWWG	01/20/22 01:40 PM	Aqueous	Reactivity	Reactivity Prep	01/27/22 08:54 AM	103707
	IDWWG	01/20/22 01:40 PM	Aqueous	Reactivity	Reactivity Prep	01/27/22 08:54 AM	103707
2201164-02D	IDWWG	01/20/22 01:40 PM	Aqueous	SW3510C	Aq Prep Sep Funnel: BNA	01/28/22 10:05 AM	103733

Lab Order: 2201164
Client: Stantec Consulting Services Inc.
Project: Dallas Brownfield-Fair Park Phase

TCLP/SPLP PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
2201164-01A	IDWSO	1/20/2022 1:30:00 PM	Soil	SW1311	TCLP ZHE (Vol extraction)	1/27/2022 9:55:42 AM	103711
2201164-01B	IDWSO	1/20/2022 1:30:00 PM	Soil	SW1311	TCLP Bottle Extr. (Metals)	1/26/2022 10:23:47 AM	103686
	IDWSO	1/20/2022 1:30:00 PM	Soil	SW1311	TCLP Sample Prep (Organics/Metals)	1/26/2022 10:23:51 AM	103687
2201164-02A	IDWWG	1/20/2022 1:40:00 PM	Aqueous	SW1311	TCLP ZHE (Vol extraction)	1/27/2022 9:55:42 AM	103711
2201164-02B	IDWWG	1/20/2022 1:40:00 PM	Aqueous	SW1311	TCLP Bottle Extr. (Metals)	1/26/2022 10:23:47 AM	103686
2201164-02D	IDWWG	1/20/2022 1:40:00 PM	Aqueous	SW1311	TCLP Sample Prep (Organics/Metals)	1/26/2022 10:23:51 AM	103687

Lab Order: 2201164
Client: Stantec Consulting Services Inc.
Project: Dallas Brownfield-Fair Park Phase

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
2201164-01A	IDWSO	Soil	SW1311/8260D	TCLP Volatiles	103736	10	01/28/22 04:21 PM	GCMS7_220128A
2201164-01B	IDWSO	Soil	SW1311/7470A	TCLP Mercury	103717	1	01/28/22 11:49 AM	CETAC2_HG_220128B
	IDWSO	Soil	SW1311/6020B	TCLP Metals	103698	1	01/27/22 04:21 PM	ICP-MS5_220127C
	IDWSO	Soil	SW1311/8270E	TCLP Semi-Volatiles	103733	1	01/28/22 05:56 PM	GCMS9_220128A
2201164-01C	IDWSO	Soil	SW1010	Ignitability Solid	103709	1	01/27/22 09:10 AM	IGN_220127A
	IDWSO	Soil	D2216	Percent Moisture	103674	1	01/26/22 08:15 AM	PMOIST_220125B
	IDWSO	Soil	SW9045D	pH of Solid or Liquid Waste (Corrosivity	103665	1	01/25/22 02:15 PM	PH2_220125A
	IDWSO	Soil	Sw846 Ch7.3	Reactivity (Cyanide & Sulfide)	103707	1	01/27/22 02:45 PM	WC_220127A
	IDWSO	Soil	Sw846 Ch7.3	Reactivity (Cyanide & Sulfide)	103707	1	01/27/22 05:12 PM	UV/VIS_2_220127A
2201164-02A	IDWWG	Aqueous	SW1311/8260D	TCLP Volatiles	103736	10	01/28/22 04:45 PM	GCMS7_220128A
2201164-02B	IDWWG	Aqueous	SW1311/7470A	TCLP Mercury	103717	1	01/28/22 11:51 AM	CETAC2_HG_220128B
	IDWWG	Aqueous	SW1311/6020B	TCLP Metals	103698	1	01/27/22 04:24 PM	ICP-MS5_220127C
2201164-02C	IDWWG	Aqueous	SW1010A	Ignitability Liq.	103760	1	01/31/22 01:35 PM	IGN_220131A
	IDWWG	Aqueous	M4500-H+ B	pH	103664	1	01/25/22 11:11 AM	TITRATOR_220125A
	IDWWG	Aqueous	Sw846 Ch7.3	Reactivity (Cyanide & Sulfide)	103707	1	01/27/22 05:12 PM	UV/VIS_2_220127A
	IDWWG	Aqueous	Sw846 Ch7.3	Reactivity (Cyanide & Sulfide)	103707	1	01/27/22 02:47 PM	WC_220127A
2201164-02D	IDWWG	Aqueous	SW1311/8270E	TCLP Semi-Volatiles	103733	1	01/28/22 06:18 PM	GCMS9_220128A

DHL Analytical, Inc.

Date: *01-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	IDWSO
Project:	Dallas Brownfield-Fair Park Phase II ESA (IDW	**Lab ID:**	2201164-01
Project No:	185751311	**Collection Date:**	01/20/22 01:30 PM
Lab Order:	2201164	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TCLP MERCURY		**SW1311/7470A**					Analyst: **JVR**
Mercury	<0.000400	0.000400	0.00100		mg/L	1	01/28/22 11:49 AM
TCLP METALS		**SW1311/6020B**					Analyst: **SP**
Antimony	<0.00400	0.00400	0.0125		mg/L	1	01/27/22 04:21 PM
Arsenic	<0.0100	0.0100	0.0250		mg/L	1	01/27/22 04:21 PM
Barium	0.498	0.0150	0.0500		mg/L	1	01/27/22 04:21 PM
Beryllium	<0.00150	0.00150	0.00500		mg/L	1	01/27/22 04:21 PM
Cadmium	<0.00150	0.00150	0.00500		mg/L	1	01/27/22 04:21 PM
Chromium	<0.0100	0.0100	0.0250		mg/L	1	01/27/22 04:21 PM
Lead	0.00239	0.00150	0.00500	J	mg/L	1	01/27/22 04:21 PM
Nickel	0.0163	0.0150	0.0500	J	mg/L	1	01/27/22 04:21 PM
Selenium	<0.0100	0.0100	0.0250		mg/L	1	01/27/22 04:21 PM
Silver	<0.00500	0.00500	0.0100		mg/L	1	01/27/22 04:21 PM
TCLP SEMI-VOLATILES		**SW1311/8270E**					Analyst: **RBW**
1,4-Dichlorobenzene	<0.00928	0.00928	0.0371		mg/L	1	01/28/22 05:56 PM
2,4,5-Trichlorophenol	<0.00928	0.00928	0.0371		mg/L	1	01/28/22 05:56 PM
2,4,6-Trichlorophenol	<0.00928	0.00928	0.0371		mg/L	1	01/28/22 05:56 PM
2,4-Dinitrotoluene	<0.00928	0.00928	0.0371		mg/L	1	01/28/22 05:56 PM
2-Methylphenol	<0.00928	0.00928	0.0371		mg/L	1	01/28/22 05:56 PM
3&4-Methylphenol	<0.00928	0.00928	0.0371		mg/L	1	01/28/22 05:56 PM
Hexachlorobenzene	<0.00928	0.00928	0.0371		mg/L	1	01/28/22 05:56 PM
Hexachlorobutadiene	<0.00928	0.00928	0.0371		mg/L	1	01/28/22 05:56 PM
Hexachloroethane	<0.00928	0.00928	0.0371		mg/L	1	01/28/22 05:56 PM
Nitrobenzene	<0.0186	0.0186	0.0371		mg/L	1	01/28/22 05:56 PM
Pentachlorophenol	<0.0186	0.0186	0.0371		mg/L	1	01/28/22 05:56 PM
Pyridine	<0.0371	0.0371	0.0928		mg/L	1	01/28/22 05:56 PM
Surr: 2,4,6-Tribromophenol	80.0	0	42-124		%REC	1	01/28/22 05:56 PM
Surr: 2-Fluorobiphenyl	76.0	0	48-120		%REC	1	01/28/22 05:56 PM
Surr: 2-Fluorophenol	81.8	0	20-120		%REC	1	01/28/22 05:56 PM
Surr: 4-Terphenyl-d14	72.5	0	51-135		%REC	1	01/28/22 05:56 PM
Surr: Nitrobenzene-d5	86.0	0	41-120		%REC	1	01/28/22 05:56 PM
Surr: Phenol-d5	79.5	0	20-120		%REC	1	01/28/22 05:56 PM
TCLP VOLATILES		**SW1311/8260D**					Analyst: **JVR**
1,1-Dichloroethene	<0.00300	0.00300	0.0100		mg/L	10	01/28/22 04:21 PM
1,2-Dichloroethane	<0.00300	0.00300	0.0100		mg/L	10	01/28/22 04:21 PM
1,4-Dichlorobenzene	<0.00300	0.00300	0.0100		mg/L	10	01/28/22 04:21 PM
2-Butanone	<0.0500	0.0500	0.150		mg/L	10	01/28/22 04:21 PM
Benzene	<0.00300	0.00300	0.0100		mg/L	10	01/28/22 04:21 PM

Qualifiers:

ND - Not Detected at the SDL
J - Analyte detected between SDL and RL
B - Analyte detected in the associated Method Blank
DF- Dilution Factor
N - Parameter not NELAP certified
See Final Page of Report for MQLs and MDLs
S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *01-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	IDWSO
Project:	Dallas Brownfield-Fair Park Phase II ESA (IDW	**Lab ID:**	2201164-01
Project No:	185751311	**Collection Date:**	01/20/22 01:30 PM
Lab Order:	2201164	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TCLP VOLATILES		**SW1311/8260D**					Analyst: **JVR**
Carbon tetrachloride	<0.00300	0.00300	0.0100		mg/L	10	01/28/22 04:21 PM
Chlorobenzene	<0.00300	0.00300	0.0100		mg/L	10	01/28/22 04:21 PM
Chloroform	<0.00300	0.00300	0.0100		mg/L	10	01/28/22 04:21 PM
Hexachlorobutadiene	<0.0100	0.0100	0.0300		mg/L	10	01/28/22 04:21 PM
Tetrachloroethene	<0.00300	0.00300	0.0100		mg/L	10	01/28/22 04:21 PM
Trichloroethene	<0.00300	0.00300	0.0100		mg/L	10	01/28/22 04:21 PM
Vinyl chloride	<0.00300	0.00300	0.0100		mg/L	10	01/28/22 04:21 PM
Surr: 1,2-Dichloroethane-d4	86.2	0	72-119		%REC	10	01/28/22 04:21 PM
Surr: 4-Bromofluorobenzene	96.9	0	76-119		%REC	10	01/28/22 04:21 PM
Surr: Dibromofluoromethane	91.1	0	85-115		%REC	10	01/28/22 04:21 PM
Surr: Toluene-d8	83.9	0	81-120		%REC	10	01/28/22 04:21 PM
IGNITABILITY SOLID		**SW1010**					Analyst: **JS**
Ignitability	>100	0	0		°C	1	01/27/22 09:10 AM
PH OF SOLID OR LIQUID WASTE (CORROSIVITY)		**SW9045D**					Analyst: **JS**
pH	8.47	0	0		Soil / Waste pH measured in water @23°C	1	01/25/22 02:15 PM
PERCENT MOISTURE		**D2216**					Analyst: **BTJ**
Percent Moisture	10.3	0	0		WT%	1	01/26/22 08:15 AM
REACTIVITY (CYANIDE & SULFIDE)		**SW846 CH7.3**					Analyst: **MTK**
Reactive Cyanide	<0.0485	0.0485	0.0970	N	mg/Kg	1	01/27/22 05:12 PM
Reactive Sulfide	<19.4	19.4	19.4	N	mg/Kg	1	01/27/22 02:45 PM

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SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *01-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	IDWWG
Project:	Dallas Brownfield-Fair Park Phase II ESA (IDW	**Lab ID:**	2201164-02
Project No:	185751311	**Collection Date:**	01/20/22 01:40 PM
Lab Order:	2201164	**Matrix:**	AQUEOUS

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TCLP MERCURY		**SW1311/7470A**					Analyst: **JVR**
Mercury	<0.000400	0.000400	0.00100		mg/L	1	01/28/22 11:51 AM
TCLP METALS		**SW1311/6020B**					Analyst: **SP**
Antimony	<0.00400	0.00400	0.0125		mg/L	1	01/27/22 04:24 PM
Arsenic	<0.0100	0.0100	0.0250		mg/L	1	01/27/22 04:24 PM
Barium	0.333	0.0150	0.0500		mg/L	1	01/27/22 04:24 PM
Beryllium	<0.00150	0.00150	0.00500		mg/L	1	01/27/22 04:24 PM
Cadmium	<0.00150	0.00150	0.00500		mg/L	1	01/27/22 04:24 PM
Chromium	<0.0100	0.0100	0.0250		mg/L	1	01/27/22 04:24 PM
Lead	0.00225	0.00150	0.00500	J	mg/L	1	01/27/22 04:24 PM
Nickel	<0.0150	0.0150	0.0500		mg/L	1	01/27/22 04:24 PM
Selenium	<0.0100	0.0100	0.0250		mg/L	1	01/27/22 04:24 PM
Silver	<0.00500	0.00500	0.0100		mg/L	1	01/27/22 04:24 PM
TCLP SEMI-VOLATILES		**SW1311/8270E**					Analyst: **RBW**
1,4-Dichlorobenzene	<0.227	0.227	0.909		mg/L	1	01/28/22 06:18 PM
2,4,5-Trichlorophenol	<0.227	0.227	0.909		mg/L	1	01/28/22 06:18 PM
2,4,6-Trichlorophenol	<0.227	0.227	0.909		mg/L	1	01/28/22 06:18 PM
2,4-Dinitrotoluene	<0.227	0.227	0.909		mg/L	1	01/28/22 06:18 PM
2-Methylphenol	<0.227	0.227	0.909		mg/L	1	01/28/22 06:18 PM
3&4-Methylphenol	<0.227	0.227	0.909		mg/L	1	01/28/22 06:18 PM
Hexachlorobenzene	<0.227	0.227	0.909		mg/L	1	01/28/22 06:18 PM
Hexachlorobutadiene	<0.227	0.227	0.909		mg/L	1	01/28/22 06:18 PM
Hexachloroethane	<0.227	0.227	0.909		mg/L	1	01/28/22 06:18 PM
Nitrobenzene	<0.455	0.455	0.909		mg/L	1	01/28/22 06:18 PM
Pentachlorophenol	<0.455	0.455	0.909		mg/L	1	01/28/22 06:18 PM
Pyridine	<0.909	0.909	2.27		mg/L	1	01/28/22 06:18 PM
Surr: 2,4,6-Tribromophenol	76.2	0	42-124		%REC	1	01/28/22 06:18 PM
Surr: 2-Fluorobiphenyl	74.5	0	48-120		%REC	1	01/28/22 06:18 PM
Surr: 2-Fluorophenol	40.0	0	20-120		%REC	1	01/28/22 06:18 PM
Surr: 4-Terphenyl-d14	71.8	0	51-135		%REC	1	01/28/22 06:18 PM
Surr: Nitrobenzene-d5	83.0	0	41-120		%REC	1	01/28/22 06:18 PM
Surr: Phenol-d5	23.5	0	20-120		%REC	1	01/28/22 06:18 PM
TCLP VOLATILES		**SW1311/8260D**					Analyst: **JVR**
1,1-Dichloroethene	<0.00300	0.00300	0.0100		mg/L	10	01/28/22 04:45 PM
1,2-Dichloroethane	<0.00300	0.00300	0.0100		mg/L	10	01/28/22 04:45 PM
1,4-Dichlorobenzene	<0.00300	0.00300	0.0100		mg/L	10	01/28/22 04:45 PM
2-Butanone	<0.0500	0.0500	0.150		mg/L	10	01/28/22 04:45 PM
Benzene	<0.00300	0.00300	0.0100		mg/L	10	01/28/22 04:45 PM

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E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *01-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	IDWWG
Project:	Dallas Brownfield-Fair Park Phase II ESA (IDW	**Lab ID:**	2201164-02
Project No:	185751311	**Collection Date:**	01/20/22 01:40 PM
Lab Order:	2201164	**Matrix:**	AQUEOUS

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TCLP VOLATILES		**SW1311/8260D**					Analyst: **JVR**
Carbon tetrachloride	<0.00300	0.00300	0.0100		mg/L	10	01/28/22 04:45 PM
Chlorobenzene	<0.00300	0.00300	0.0100		mg/L	10	01/28/22 04:45 PM
Chloroform	<0.00300	0.00300	0.0100		mg/L	10	01/28/22 04:45 PM
Hexachlorobutadiene	<0.0100	0.0100	0.0300		mg/L	10	01/28/22 04:45 PM
Tetrachloroethene	<0.00300	0.00300	0.0100		mg/L	10	01/28/22 04:45 PM
Trichloroethene	<0.00300	0.00300	0.0100		mg/L	10	01/28/22 04:45 PM
Vinyl chloride	<0.00300	0.00300	0.0100		mg/L	10	01/28/22 04:45 PM
Surr: 1,2-Dichloroethane-d4	89.1	0	72-119		%REC	10	01/28/22 04:45 PM
Surr: 4-Bromofluorobenzene	96.4	0	76-119		%REC	10	01/28/22 04:45 PM
Surr: Dibromofluoromethane	94.7	0	85-115		%REC	10	01/28/22 04:45 PM
Surr: Toluene-d8	84.2	0	81-120		%REC	10	01/28/22 04:45 PM
IGNITABILITY LIQ.		**SW1010A**					Analyst: **JS**
Ignitability	>100	0	0		°C	1	01/31/22 01:35 PM
PH		**M4500-H+ B**					Analyst: **BM**
pH	8.83	0	0		pH Units@19.6°C	1	01/25/22 11:11 AM
REACTIVITY (CYANIDE & SULFIDE)		**SW846 CH7.3**					Analyst: **MTK**
Reactive Cyanide	<0.0500	0.0500	0.100	N	mg/Kg	1	01/27/22 05:12 PM
Reactive Sulfide	<20.0	20.0	20.0	N	mg/Kg	1	01/27/22 02:47 PM

Qualifiers:

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SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201164
Project: Dallas Brownfield-Fair Park Phase II ESA (IDW

ANALYTICAL QC SUMMARY REPORT

RunID: CETAC2_HG_220128B

The QC data in batch 103717 applies to the following samples: 2201164-01B, 2201164-02B

Sample ID: **MB-103717**	Batch ID: **103717**	TestNo: **SW1311/7470A**	Units: **mg/L**
SampType: **MBLK**	Run ID: **CETAC2_HG_220128B**	Analysis Date: **1/28/2022 11:33:50 AM**	Prep Date: **1/28/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	<0.0000800	0.000200								

Sample ID: **MB-TCLP-103686**	Batch ID: **103717**	TestNo: **SW1311/7470A**	Units: **mg/L**
SampType: **MBLK**	Run ID: **CETAC2_HG_220128B**	Analysis Date: **1/28/2022 11:36:06 AM**	Prep Date: **1/28/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	<0.000400	0.00100								

Sample ID: **LCS-103717**	Batch ID: **103717**	TestNo: **SW1311/7470A**	Units: **mg/L**
SampType: **LCS**	Run ID: **CETAC2_HG_220128B**	Analysis Date: **1/28/2022 11:38:22 AM**	Prep Date: **1/28/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.00212	0.000200	0.002000	0	106	85	115			

Sample ID: **LCSD-103717**	Batch ID: **103717**	TestNo: **SW1311/7470A**	Units: **mg/L**
SampType: **LCSD**	Run ID: **CETAC2_HG_220128B**	Analysis Date: **1/28/2022 11:40:38 AM**	Prep Date: **1/28/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.00213	0.000200	0.002000	0	106	85	115	0.471	15	

Sample ID: **2201174-01A MS**	Batch ID: **103717**	TestNo: **SW1311/7470A**	Units: **mg/L**
SampType: **MS**	Run ID: **CETAC2_HG_220128B**	Analysis Date: **1/28/2022 11:55:52 AM**	Prep Date: **1/28/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.0108	0.00100	0.01000	0	108	80	120			

Sample ID: **2201174-01A MSD**	Batch ID: **103717**	TestNo: **SW1311/7470A**	Units: **mg/L**
SampType: **MSD**	Run ID: **CETAC2_HG_220128B**	Analysis Date: **1/28/2022 11:58:09 AM**	Prep Date: **1/28/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.0107	0.00100	0.01000	0	107	80	120	0.935	15	

Sample ID: **2201174-01A SD**	Batch ID: **103717**	TestNo: **SW1311/7470A**	Units: **mg/L**
SampType: **SD**	Run ID: **CETAC2_HG_220128B**	Analysis Date: **1/28/2022 12:00:24 PM**	Prep Date: **1/28/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	<0.00200	0.00500	0	0				0	10	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201164
Project: Dallas Brownfield-Fair Park Phase II ESA (IDW

ANALYTICAL QC SUMMARY REPORT

RunID: CETAC2_HG_220128B

Sample ID: **2201174-01A PDS**	Batch ID: **103717**	TestNo: **SW1311/7470A**		Units:	**mg/L**
SampType: **PDS**	Run ID: **CETAC2_HG_220128B**	Analysis Date: **1/28/2022 12:02:40 PM**		Prep Date:	**1/28/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.0125	0.00100	0.01250	0	99.6	85	115			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201164
Project: Dallas Brownfield-Fair Park Phase II ESA (IDW

ANALYTICAL QC SUMMARY REPORT

RunID: **CETAC2_HG_220128B**

Sample ID: **ICV-220128**	Batch ID: **R119079**	TestNo: **SW1311/7470A**	Units: **mg/L**
SampType: **ICV**	Run ID: **CETAC2_HG_220128B**	Analysis Date: **1/28/2022 11:29:16 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.00405	0.000200	0.004000	0	101	90	110			

Sample ID: **CCV1-220128**	Batch ID: **R119079**	TestNo: **SW1311/7470A**	Units: **mg/L**
SampType: **CCV**	Run ID: **CETAC2_HG_220128B**	Analysis Date: **1/28/2022 12:27:39 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.00201	0.000200	0.002000	0	101	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201164
Project: Dallas Brownfield-Fair Park Phase II ESA (IDW

ANALYTICAL QC SUMMARY REPORT

RunID: **ICP-MS5_220127C**

The QC data in batch 103698 applies to the following samples: 2201164-01B, 2201164-02B

Sample ID: **MB-103698** Batch ID: **103698** TestNo: **SW1311/6020B** Units: **mg/L**
SampType: **MBLK** Run ID: **ICP-MS5_220127C** Analysis Date: **1/27/2022 3:58:00 PM** Prep Date: **1/27/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Antimony	<0.000800	0.00250								
Arsenic	<0.00200	0.00500								
Barium	<0.00300	0.0100								
Beryllium	<0.000300	0.00100								
Cadmium	<0.000300	0.00100								
Chromium	<0.00200	0.00500								
Lead	<0.000300	0.00100								
Nickel	<0.00300	0.0100								
Selenium	<0.00200	0.00500								
Silver	<0.00100	0.00200								

Sample ID: **MB-103686-TCLP** Batch ID: **103698** TestNo: **SW1311/6020B** Units: **mg/L**
SampType: **MBLK** Run ID: **ICP-MS5_220127C** Analysis Date: **1/27/2022 4:00:00 PM** Prep Date: **1/27/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Antimony	<0.00400	0.0125								
Arsenic	<0.0100	0.0250								
Barium	<0.0150	0.0500								
Beryllium	<0.00150	0.00500								
Cadmium	<0.00150	0.00500								
Chromium	<0.0100	0.0250								
Lead	0.00378	0.00500								
Nickel	<0.0150	0.0500								
Selenium	<0.0100	0.0250								
Silver	<0.00500	0.0100								

Sample ID: **LCS-103698** Batch ID: **103698** TestNo: **SW1311/6020B** Units: **mg/L**
SampType: **LCS** Run ID: **ICP-MS5_220127C** Analysis Date: **1/27/2022 4:03:00 PM** Prep Date: **1/27/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Antimony	0.194	0.00250	0.2000	0	96.8	80	120			
Arsenic	0.190	0.00500	0.2000	0	95.1	80	120			
Barium	0.196	0.0100	0.2000	0	98.1	80	120			
Beryllium	0.192	0.00100	0.2000	0	96.2	80	120			
Cadmium	0.196	0.00100	0.2000	0	97.8	80	120			
Chromium	0.197	0.00500	0.2000	0	98.7	80	120			
Lead	0.193	0.00100	0.2000	0	96.4	80	120			
Nickel	0.196	0.0100	0.2000	0	97.9	80	120			
Selenium	0.184	0.00500	0.2000	0	92.2	80	120			
Silver	0.197	0.00200	0.2000	0	98.4	80	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201164
Project: Dallas Brownfield-Fair Park Phase II ESA (IDW

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS5_220127C

Sample ID: **LCSD-103698** Batch ID: **103698** TestNo: **SW1311/6020B** Units: **mg/L**
SampType: **LCSD** Run ID: **ICP-MS5_220127C** Analysis Date: **1/27/2022 4:05:00 PM** Prep Date: **1/27/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Antimony	0.202	0.00250	0.2000	0	101	80	120	4.01	15	
Arsenic	0.195	0.00500	0.2000	0	97.3	80	120	2.25	15	
Barium	0.201	0.0100	0.2000	0	100	80	120	2.25	15	
Beryllium	0.201	0.00100	0.2000	0	101	80	120	4.41	15	
Cadmium	0.201	0.00100	0.2000	0	101	80	120	2.83	15	
Chromium	0.204	0.00500	0.2000	0	102	80	120	3.37	15	
Lead	0.199	0.00100	0.2000	0	99.5	80	120	3.14	15	
Nickel	0.203	0.0100	0.2000	0	102	80	120	3.69	15	
Selenium	0.194	0.00500	0.2000	0	97.0	80	120	5.11	15	
Silver	0.205	0.00200	0.2000	0	103	80	120	4.12	15	

Sample ID: **2201174-01A SD** Batch ID: **103698** TestNo: **SW1311/6020B** Units: **mg/L**
SampType: **SD** Run ID: **ICP-MS5_220127C** Analysis Date: **1/27/2022 4:13:00 PM** Prep Date: **1/27/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Antimony	<0.0200	0.0625	0	0.004095				0	20	
Arsenic	<0.0500	0.125	0	0				0	20	
Barium	<0.0750	0.250	0	0.02410				0	20	
Beryllium	<0.00750	0.0250	0	0				0	20	
Cadmium	<0.00750	0.0250	0	0.003200				0	20	
Chromium	<0.0500	0.125	0	0				0	20	
Lead	<0.00750	0.0250	0	0.004955				0	20	
Nickel	<0.0750	0.250	0	0				0	20	
Selenium	<0.0500	0.125	0	0				0	20	
Silver	<0.0250	0.0500	0	0				0	20	

Sample ID: **2201174-01A PDS** Batch ID: **103698** TestNo: **SW1311/6020B** Units: **mg/L**
SampType: **PDS** Run ID: **ICP-MS5_220127C** Analysis Date: **1/27/2022 4:26:00 PM** Prep Date: **1/27/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Antimony	0.901	0.0125	1.000	0.004095	89.7	75	125			
Arsenic	0.939	0.0250	1.000	0	93.9	75	125			
Barium	1.04	0.0500	1.000	0.02410	102	75	125			
Beryllium	0.978	0.00500	1.000	0	97.8	75	125			
Cadmium	0.986	0.00500	1.000	0.003200	98.3	75	125			
Chromium	1.02	0.0250	1.000	0	102	75	125			
Lead	1.02	0.00500	1.000	0.004955	101	75	125			
Nickel	0.996	0.0500	1.000	0	99.6	75	125			
Selenium	0.898	0.0250	1.000	0	89.8	75	125			
Silver	1.01	0.0100	1.000	0	101	75	125			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201164
Project: Dallas Brownfield-Fair Park Phase II ESA (IDW

ANALYTICAL QC SUMMARY REPORT

RunID: **ICP-MS5_220127C**

Sample ID: **2201174-01A MS** Batch ID: **103698** TestNo: **SW1311/6020B** Units: **mg/L**
SampType: **MS** Run ID: **ICP-MS5_220127C** Analysis Date: **1/27/2022 4:29:00 PM** Prep Date: **1/27/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Antimony	1.05	0.0125	1.000	0.004095	105	75	125			
Arsenic	1.01	0.0250	1.000	0	101	75	125			
Barium	1.06	0.0500	1.000	0.02410	104	75	125			
Beryllium	1.02	0.00500	1.000	0	102	75	125			
Cadmium	1.02	0.00500	1.000	0.003200	102	75	125			
Chromium	1.05	0.0250	1.000	0	105	75	125			
Lead	1.04	0.00500	1.000	0.004955	104	75	125			
Nickel	1.01	0.0500	1.000	0	101	75	125			
Selenium	0.939	0.0250	1.000	0	93.9	75	125			
Silver	1.03	0.0100	1.000	0	103	75	125			

Sample ID: **2201174-01A MSD** Batch ID: **103698** TestNo: **SW1311/6020B** Units: **mg/L**
SampType: **MSD** Run ID: **ICP-MS5_220127C** Analysis Date: **1/27/2022 4:31:00 PM** Prep Date: **1/27/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Antimony	1.06	0.0125	1.000	0.004095	105	75	125	0.579	15	
Arsenic	0.995	0.0250	1.000	0	99.5	75	125	1.35	15	
Barium	1.09	0.0500	1.000	0.02410	106	75	125	2.14	15	
Beryllium	1.02	0.00500	1.000	0	102	75	125	0.407	15	
Cadmium	1.02	0.00500	1.000	0.003200	101	75	125	0.091	15	
Chromium	1.05	0.0250	1.000	0	105	75	125	0.060	15	
Lead	1.04	0.00500	1.000	0.004955	103	75	125	0.796	15	
Nickel	1.01	0.0500	1.000	0	101	75	125	0.346	15	
Selenium	0.923	0.0250	1.000	0	92.3	75	125	1.79	15	
Silver	1.04	0.0100	1.000	0	104	75	125	0.842	15	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201164
Project: Dallas Brownfield-Fair Park Phase II ESA (IDW

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS5_220127C

Sample ID: **ICV-220127**	Batch ID: **R119057**	TestNo: **SW1311/6020B**	Units: **mg/L**
SampType: **ICV**	Run ID: **ICP-MS5_220127C**	Analysis Date: **1/27/2022 10:23:00 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Antimony	0.101	0.00250	0.1000	0	101	90	110			
Arsenic	0.100	0.00500	0.1000	0	100	90	110			
Barium	0.0994	0.0100	0.1000	0	99.4	90	110			
Beryllium	0.0970	0.00100	0.1000	0	97.0	90	110			
Cadmium	0.101	0.00100	0.1000	0	101	90	110			
Chromium	0.104	0.00500	0.1000	0	104	90	110			
Lead	0.100	0.00100	0.1000	0	100	90	110			
Nickel	0.105	0.0100	0.1000	0	105	90	110			
Selenium	0.104	0.00500	0.1000	0	104	90	110			
Silver	0.101	0.00200	0.1000	0	101	90	110			

Sample ID: **LCVL-220127**	Batch ID: **R119057**	TestNo: **SW1311/6020B**	Units: **mg/L**
SampType: **LCVL**	Run ID: **ICP-MS5_220127C**	Analysis Date: **1/27/2022 10:33:00 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Antimony	0.00202	0.00250	0.002000	0	101	80	120			
Arsenic	0.00491	0.00500	0.005000	0	98.2	80	120			
Barium	0.00473	0.0100	0.005000	0	94.6	80	120			
Beryllium	0.000972	0.00100	0.001000	0	97.2	80	120			
Cadmium	0.00104	0.00100	0.001000	0	104	80	120			
Chromium	0.00495	0.00500	0.005000	0	99.0	80	120			
Lead	0.00103	0.00100	0.001000	0	103	80	120			
Nickel	0.00483	0.0100	0.005000	0	96.6	80	120			
Selenium	0.00471	0.00500	0.005000	0	94.2	80	120			
Silver	0.00205	0.00200	0.002000	0	103	80	120			

Sample ID: **CCV3-220127**	Batch ID: **R119057**	TestNo: **SW1311/6020B**	Units: **mg/L**
SampType: **CCV**	Run ID: **ICP-MS5_220127C**	Analysis Date: **1/27/2022 2:29:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Antimony	0.203	0.00250	0.2000	0	102	90	110			
Arsenic	0.203	0.00500	0.2000	0	102	90	110			
Barium	0.200	0.0100	0.2000	0	100	90	110			
Beryllium	0.199	0.00100	0.2000	0	99.7	90	110			
Cadmium	0.202	0.00100	0.2000	0	101	90	110			
Chromium	0.204	0.00500	0.2000	0	102	90	110			
Lead	0.199	0.00100	0.2000	0	99.7	90	110			
Nickel	0.206	0.0100	0.2000	0	103	90	110			
Selenium	0.215	0.00500	0.2000	0	108	90	110			
Silver	0.204	0.00200	0.2000	0	102	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank
J	Analyte detected between MDL and RL
ND	Not Detected at the Method Detection Limit
RL	Reporting Limit
J	Analyte detected between SDL and RL
DF	Dilution Factor
MDL	Method Detection Limit
R	RPD outside accepted control limits
S	Spike Recovery outside control limits
N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201164
Project: Dallas Brownfield-Fair Park Phase II ESA (IDW

ANALYTICAL QC SUMMARY REPORT

RunID: **ICP-MS5_220127C**

Sample ID: **CCV4-220127**	Batch ID: **R119057**	TestNo: **SW1311/6020B**	Units: **mg/L**
SampType: **CCV**	Run ID: **ICP-MS5_220127C**	Analysis Date: **1/27/2022 4:34:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Antimony	0.206	0.00250	0.2000	0	103	90	110			
Arsenic	0.205	0.00500	0.2000	0	102	90	110			
Barium	0.204	0.0100	0.2000	0	102	90	110			
Beryllium	0.200	0.00100	0.2000	0	100	90	110			
Cadmium	0.202	0.00100	0.2000	0	101	90	110			
Chromium	0.202	0.00500	0.2000	0	101	90	110			
Lead	0.201	0.00100	0.2000	0	100	90	110			
Nickel	0.209	0.0100	0.2000	0	105	90	110			
Selenium	0.216	0.00500	0.2000	0	108	90	110			
Silver	0.205	0.00200	0.2000	0	103	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201164
Project: Dallas Brownfield-Fair Park Phase II ESA (IDW

ANALYTICAL QC SUMMARY REPORT

RunID: **GCMS9_220128A**

The QC data in batch 103733 applies to the following samples: 2201164-01B, 2201164-02D

Sample ID: **LCS-103733** Batch ID: **103733** TestNo: **SW1311/8270E** Units: **mg/L**
SampType: **LCS** Run ID: **GCMS9_220128A** Analysis Date: **1/28/2022 4:27:00 PM** Prep Date: **1/28/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	0.0274	0.00400	0.04000	0	68.4	30	125			
2,4,5-Trichlorophenol	0.0379	0.00400	0.04000	0	94.8	49	120			
2,4,6-Trichlorophenol	0.0385	0.00400	0.04000	0	96.2	49	126			
2,4-Dinitrotoluene	0.0323	0.00400	0.04000	0	80.7	51	120			
2-Methylphenol	0.0326	0.00400	0.04000	0	81.5	38	120			
3&4-Methylphenol	0.0332	0.00400	0.04000	0	83.0	32	120			
Hexachlorobenzene	0.0328	0.00400	0.04000	0	82.0	52	120			
Hexachlorobutadiene	0.0277	0.00400	0.04000	0	69.4	27	120			
Hexachloroethane	0.0279	0.00400	0.04000	0	69.8	28	120			
Nitrobenzene	0.0354	0.00400	0.04000	0	88.4	44	120			
Pentachlorophenol	0.0427	0.00400	0.04000	0	107	38	120			
Pyridine	0.0169	0.0100	0.04000	0	42.3	20	120			
Surr: 2,4,6-Tribromophenol	0.0644		0.08000		80.5	42	124			
Surr: 2-Fluorobiphenyl	0.0584		0.08000		73.0	48	120			
Surr: 2-Fluorophenol	0.0574		0.08000		71.8	20	120			
Surr: 4-Terphenyl-d14	0.0540		0.08000		67.5	51	135			
Surr: Nitrobenzene-d5	0.0666		0.08000		83.2	41	120			
Surr: Phenol-d5	0.0440		0.08000		55.0	20	120			

Sample ID: **MB-103733** Batch ID: **103733** TestNo: **SW1311/8270E** Units: **mg/L**
SampType: **MBLK** Run ID: **GCMS9_220128A** Analysis Date: **1/28/2022 5:11:00 PM** Prep Date: **1/28/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	<0.00100	0.00400								
2,4,5-Trichlorophenol	<0.00100	0.00400								
2,4,6-Trichlorophenol	<0.00100	0.00400								
2,4-Dinitrotoluene	<0.00100	0.00400								
2-Methylphenol	<0.00100	0.00400								
3&4-Methylphenol	<0.00100	0.00400								
Hexachlorobenzene	<0.00100	0.00400								
Hexachlorobutadiene	<0.00100	0.00400								
Hexachloroethane	<0.00100	0.00400								
Nitrobenzene	<0.00200	0.00400								
Pentachlorophenol	<0.00200	0.00400								
Pyridine	<0.00400	0.0100								
Surr: 2,4,6-Tribromophenol	0.0642		0.08000		80.3	42	124			
Surr: 2-Fluorobiphenyl	0.0622		0.08000		77.8	48	120			
Surr: 2-Fluorophenol	0.0546		0.08000		68.2	20	120			
Surr: 4-Terphenyl-d14	0.0610		0.08000		76.2	51	135			
Surr: Nitrobenzene-d5	0.0696		0.08000		87.0	41	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201164
Project: Dallas Brownfield-Fair Park Phase II ESA (IDW

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS9_220128A

Sample ID: **MB-103733**	Batch ID: **103733**	TestNo: **SW1311/8270E**	Units: **mg/L**
SampType: **MBLK**	Run ID: **GCMS9_220128A**	Analysis Date: **1/28/2022 5:11:00 PM**	Prep Date: **1/28/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Phenol-d5	0.0370		0.08000		46.3	20	120			

Sample ID: **MB-103687-TCLP**	Batch ID: **103733**	TestNo: **SW1311/8270E**	Units: **mg/L**
SampType: **MBLK**	Run ID: **GCMS9_220128A**	Analysis Date: **1/28/2022 5:34:00 PM**	Prep Date: **1/28/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	<0.00865	0.0346								
2,4,5-Trichlorophenol	<0.00865	0.0346								
2,4,6-Trichlorophenol	<0.00865	0.0346								
2,4-Dinitrotoluene	<0.00865	0.0346								
2-Methylphenol	<0.00865	0.0346								
3&4-Methylphenol	<0.00865	0.0346								
Hexachlorobenzene	<0.00865	0.0346								
Hexachlorobutadiene	<0.00865	0.0346								
Hexachloroethane	<0.00865	0.0346								
Nitrobenzene	<0.0173	0.0346								
Pentachlorophenol	<0.0173	0.0346								
Pyridine	<0.0346	0.0865								
Surr: 2,4,6-Tribromophenol	0.566		0.6920		81.8	42	124			
Surr: 2-Fluorobiphenyl	0.547		0.6920		79.0	48	120			
Surr: 2-Fluorophenol	0.599		0.6920		86.5	20	120			
Surr: 4-Terphenyl-d14	0.522		0.6920		75.5	51	135			
Surr: Nitrobenzene-d5	0.616		0.6920		89.0	41	120			
Surr: Phenol-d5	0.581		0.6920		84.0	20	120			

Sample ID: **2201213-01AMS**	Batch ID: **103733**	TestNo: **SW1311/8270E**	Units: **mg/L**
SampType: **MS**	Run ID: **GCMS9_220128A**	Analysis Date: **1/28/2022 7:24:00 PM**	Prep Date: **1/28/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	0.274	0.0388	0.3876	0	70.6	30	125			
2,4,5-Trichlorophenol	0.374	0.0388	0.3876	0	96.6	49	120			
2,4,6-Trichlorophenol	0.380	0.0388	0.3876	0	98.2	49	126			
2,4-Dinitrotoluene	0.315	0.0388	0.3876	0	81.3	51	120			
2-Methylphenol	0.326	0.0388	0.3876	0	84.2	38	120			
3&4-Methylphenol	0.331	0.0388	0.3876	0	85.4	32	120			
Hexachlorobenzene	0.322	0.0388	0.3876	0	83.1	52	120			
Hexachlorobutadiene	0.272	0.0388	0.3876	0	70.2	27	120			
Hexachloroethane	0.280	0.0388	0.3876	0	72.2	28	120			
Nitrobenzene	0.341	0.0388	0.3876	0	87.9	44	120			
Pentachlorophenol	0.433	0.0388	0.3876	0	112	38	120			
Pyridine	0.255	0.0969	0.3876	0	65.9	20	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

Sample ID: **2201213-01AMS** Batch ID: **103733** TestNo: **SW1311/8270E** Units: **mg/L**
SampType: **MS** Run ID: **GCMS9_220128A** Analysis Date: **1/28/2022 7:24:00 PM** Prep Date: **1/28/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	0.645		0.7752		83.2	42	124			
Surr: 2-Fluorobiphenyl	0.570		0.7752		73.5	48	120			
Surr: 2-Fluorophenol	0.649		0.7752		83.8	20	120			
Surr: 4-Terphenyl-d14	0.533		0.7752		68.8	51	135			
Surr: Nitrobenzene-d5	0.649		0.7752		83.8	41	120			
Surr: Phenol-d5	0.601		0.7752		77.5	20	120			

Sample ID: **2201213-01AMSD** Batch ID: **103733** TestNo: **SW1311/8270E** Units: **mg/L**
SampType: **MSD** Run ID: **GCMS9_220128A** Analysis Date: **1/28/2022 7:47:00 PM** Prep Date: **1/28/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	0.292	0.0386	0.3861	0	75.7	30	125	6.59	20	
2,4,5-Trichlorophenol	0.412	0.0386	0.3861	0	107	49	120	9.65	20	
2,4,6-Trichlorophenol	0.409	0.0386	0.3861	0	106	49	126	7.35	20	
2,4-Dinitrotoluene	0.349	0.0386	0.3861	0	90.4	51	120	10.2	20	
2-Methylphenol	0.357	0.0386	0.3861	0	92.5	38	120	9.01	20	
3&4-Methylphenol	0.363	0.0386	0.3861	0	93.9	32	120	9.10	20	
Hexachlorobenzene	0.353	0.0386	0.3861	0	91.5	52	120	9.18	20	
Hexachlorobutadiene	0.303	0.0386	0.3861	0	78.6	27	120	10.8	20	
Hexachloroethane	0.303	0.0386	0.3861	0	78.4	28	120	7.92	20	
Nitrobenzene	0.370	0.0386	0.3861	0	95.9	44	120	8.38	20	
Pentachlorophenol	0.454	0.0386	0.3861	0	118	38	120	4.89	20	
Pyridine	0.260	0.0965	0.3861	0	67.3	20	120	1.72	20	
Surr: 2,4,6-Tribromophenol	0.678		0.7722		87.8	42	124	0	0	
Surr: 2-Fluorobiphenyl	0.620		0.7722		80.3	48	120	0	0	
Surr: 2-Fluorophenol	0.678		0.7722		87.8	20	120	0	0	
Surr: 4-Terphenyl-d14	0.569		0.7722		73.8	51	135	0	0	
Surr: Nitrobenzene-d5	0.705		0.7722		91.3	41	120	0	0	
Surr: Phenol-d5	0.639		0.7722		82.8	20	120	0	0	

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201164
Project: Dallas Brownfield-Fair Park Phase II ESA (IDW

ANALYTICAL QC SUMMARY REPORT

RunID: **GCMS9_220128A**

Sample ID: **ICV-220128**	Batch ID: **R119084**	TestNo: **SW1311/8270E**	Units: **mg/L**
SampType: **ICV**	Run ID: **GCMS9_220128A**	Analysis Date: **1/28/2022 4:01:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	2.62	0.00400	2.500	0	105	70	130			
2,4,5-Trichlorophenol	3.03	0.00400	2.500	0	121	70	130			
2,4,6-Trichlorophenol	2.98	0.00400	2.500	0	119	70	130			
2,4-Dinitrotoluene	2.86	0.00400	2.500	0	114	70	130			
2-Methylphenol	2.69	0.00400	2.500	0	107	70	130			
3&4-Methylphenol	2.72	0.00400	2.500	0	109	70	130			
Hexachlorobenzene	2.59	0.00400	2.500	0	104	70	130			
Hexachlorobutadiene	2.62	0.00400	2.500	0	105	70	130			
Hexachloroethane	2.74	0.00400	2.500	0	110	70	130			
Nitrobenzene	2.92	0.00400	2.500	0	117	70	130			
Pentachlorophenol	3.04	0.00400	2.500	0	122	70	130			
Pyridine	2.62	0.0100	2.500	0	105	70	130			
Surr: 2,4,6-Tribromophenol	2.81		2.500		112	70	130			
Surr: 2-Fluorobiphenyl	2.57		2.500		103	70	130			
Surr: 2-Fluorophenol	2.76		2.500		110	70	130			
Surr: 4-Terphenyl-d14	2.57		2.500		103	70	130			
Surr: Nitrobenzene-d5	3.01		2.500		120	70	130			
Surr: Phenol-d5	2.80		2.500		112	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201164
Project: Dallas Brownfield-Fair Park Phase II ESA (IDW

ANALYTICAL QC SUMMARY REPORT

RunID: **GCMS7_220128A**

The QC data in batch 103736 applies to the following samples: 2201164-01A, 2201164-02A

Sample ID: **LCS-103736** Batch ID: **103736** TestNo: **SW1311/8260D** Units: **mg/L**
SampType: **LCS** Run ID: **GCMS7_220128A** Analysis Date: **1/28/2022 1:32:00 PM** Prep Date: **1/28/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.0231	0.00100	0.02320	0	99.7	68	130			
1,2-Dichloroethane	0.0216	0.00100	0.02320	0	93.2	69	132			
1,4-Dichlorobenzene	0.0187	0.00100	0.02320	0	80.6	74	123			
2-Butanone	0.127	0.0150	0.1160	0	109	49	136			
Benzene	0.0247	0.00100	0.02320	0	107	81	122			
Carbon tetrachloride	0.0247	0.00100	0.02320	0	106	66	138			
Chlorobenzene	0.0199	0.00100	0.02320	0	85.8	81	122			
Chloroform	0.0227	0.00100	0.02320	0	97.8	69	128			
Hexachlorobutadiene	0.0260	0.00300	0.02320	0	112	67	131			
Tetrachloroethene	0.0200	0.00100	0.02320	0	86.1	66	128			
Trichloroethene	0.0232	0.00100	0.02320	0	100	70	127			
Vinyl chloride	0.0276	0.00100	0.02320	0	119	50	134			
Surr: 1,2-Dichloroethane-d4	0.167		0.2000		83.6	72	119			
Surr: 4-Bromofluorobenzene	0.191		0.2000		95.7	76	119			
Surr: Dibromofluoromethane	0.180		0.2000		90.1	85	115			
Surr: Toluene-d8	0.170		0.2000		84.9	81	120			

Sample ID: **MB-103736** Batch ID: **103736** TestNo: **SW1311/8260D** Units: **mg/L**
SampType: **MBLK** Run ID: **GCMS7_220128A** Analysis Date: **1/28/2022 2:43:00 PM** Prep Date: **1/28/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1-Dichloroethene	<0.000300	0.00100								
1,2-Dichloroethane	<0.000300	0.00100								
1,4-Dichlorobenzene	<0.000300	0.00100								
2-Butanone	<0.00500	0.0150								
Benzene	<0.000300	0.00100								
Carbon tetrachloride	<0.000300	0.00100								
Chlorobenzene	<0.000300	0.00100								
Chloroform	<0.000300	0.00100								
Hexachlorobutadiene	<0.00100	0.00300								
Tetrachloroethene	<0.000300	0.00100								
Trichloroethene	<0.000300	0.00100								
Vinyl chloride	<0.000300	0.00100								
Surr: 1,2-Dichloroethane-d4	0.174		0.2000		87.2	72	119			
Surr: 4-Bromofluorobenzene	0.193		0.2000		96.6	76	119			
Surr: Dibromofluoromethane	0.184		0.2000		91.8	85	115			
Surr: Toluene-d8	0.166		0.2000		83.0	81	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201164
Project: Dallas Brownfield-Fair Park Phase II ESA (IDW

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_220128A

Sample ID: **MB-103711 TCLP**	Batch ID: **103736**	TestNo: **SW1311/8260D**	Units: **mg/L**
SampType: **MBLK**	Run ID: **GCMS7_220128A**	Analysis Date: **1/28/2022 3:07:00 PM**	Prep Date: **1/28/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1-Dichloroethene	<0.00300	0.0100								
1,2-Dichloroethane	<0.00300	0.0100								
1,4-Dichlorobenzene	<0.00300	0.0100								
2-Butanone	<0.0500	0.150								
Benzene	<0.00300	0.0100								
Carbon tetrachloride	<0.00300	0.0100								
Chlorobenzene	<0.00300	0.0100								
Chloroform	<0.00300	0.0100								
Hexachlorobutadiene	<0.0100	0.0300								
Tetrachloroethene	<0.00300	0.0100								
Trichloroethene	<0.00300	0.0100								
Vinyl chloride	<0.00300	0.0100								
Surr: 1,2-Dichloroethane-d4	1.70		2.000		85.1	72	119			
Surr: 4-Bromofluorobenzene	1.94		2.000		96.9	76	119			
Surr: Dibromofluoromethane	1.84		2.000		92.0	85	115			
Surr: Toluene-d8	1.67		2.000		83.3	81	120			

Sample ID: **2201213-01AMS**	Batch ID: **103736**	TestNo: **SW1311/8260D**	Units: **mg/L**
SampType: **MS**	Run ID: **GCMS7_220128A**	Analysis Date: **1/28/2022 5:34:00 PM**	Prep Date: **1/28/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.261	0.0100	0.2320	0	113	68	130			
1,2-Dichloroethane	0.243	0.0100	0.2320	0	105	69	132			
1,4-Dichlorobenzene	0.207	0.0100	0.2320	0	89.4	74	123			
2-Butanone	1.76	0.150	1.160	0	152	49	136			S
Benzene	0.280	0.0100	0.2320	0	121	81	122			
Carbon tetrachloride	0.239	0.0100	0.2320	0	103	66	138			
Chlorobenzene	0.225	0.0100	0.2320	0	96.9	81	122			
Chloroform	0.260	0.0100	0.2320	0	112	69	128			
Hexachlorobutadiene	0.261	0.0300	0.2320	0	113	67	131			
Tetrachloroethene	0.217	0.0100	0.2320	0	93.7	66	128			
Trichloroethene	0.256	0.0100	0.2320	0	110	70	127			
Vinyl chloride	0.275	0.0100	0.2320	0	119	50	134			
Surr: 1,2-Dichloroethane-d4	1.65		2.000		82.4	72	119			
Surr: 4-Bromofluorobenzene	1.91		2.000		95.4	76	119			
Surr: Dibromofluoromethane	1.79		2.000		89.4	85	115			
Surr: Toluene-d8	1.67		2.000		83.6	81	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201164
Project: Dallas Brownfield-Fair Park Phase II ESA (IDW

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_220128A

Sample ID: **2201213-01AMSD**	Batch ID: **103736**	TestNo: **SW1311/8260D**	Units: **mg/L**
SampType: **MSD**	Run ID: **GCMS7_220128A**	Analysis Date: **1/28/2022 5:58:00 PM**	Prep Date: **1/28/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.268	0.0100	0.2320	0	116	68	130	2.76	20	
1,2-Dichloroethane	0.261	0.0100	0.2320	0	113	69	132	7.31	20	
1,4-Dichlorobenzene	0.214	0.0100	0.2320	0	92.2	74	123	3.13	20	
2-Butanone	1.57	0.150	1.160	0	136	49	136	11.2	20	
Benzene	0.286	0.0100	0.2320	0	123	81	122	2.05	20	S
Carbon tetrachloride	0.297	0.0100	0.2320	0	128	66	138	21.5	20	R
Chlorobenzene	0.229	0.0100	0.2320	0	98.7	81	122	1.85	20	
Chloroform	0.272	0.0100	0.2320	0	117	69	128	4.70	20	
Hexachlorobutadiene	0.279	0.0300	0.2320	0	120	67	131	6.63	20	
Tetrachloroethene	0.220	0.0100	0.2320	0	95.0	66	128	1.46	20	
Trichloroethene	0.273	0.0100	0.2320	0	118	70	127	6.42	20	
Vinyl chloride	0.300	0.0100	0.2320	0	129	50	134	8.59	20	
Surr: 1,2-Dichloroethane-d4	1.75		2.000		87.6	72	119	0	0	
Surr: 4-Bromofluorobenzene	1.91		2.000		95.3	76	119	0	0	
Surr: Dibromofluoromethane	1.87		2.000		93.3	85	115	0	0	
Surr: Toluene-d8	1.66		2.000		82.8	81	120	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201164
Project: Dallas Brownfield-Fair Park Phase II ESA (IDW

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS7_220128A

Sample ID: **ICV-220128**	Batch ID: **R119095**	TestNo: **SW1311/8260D**	Units: **mg/L**
SampType: **ICV**	Run ID: **GCMS7_220128A**	Analysis Date: **1/28/2022 12:24:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.0568	0.00100	0.04640	0	122	70	130			
1,2-Dichloroethane	0.0509	0.00100	0.04640	0	110	70	130			
1,4-Dichlorobenzene	0.0446	0.00100	0.04640	0	96.0	70	130			
2-Butanone	0.264	0.0150	0.2320	0	114	70	130			
Benzene	0.0593	0.00100	0.04640	0	128	70	130			
Carbon tetrachloride	0.0525	0.00100	0.04640	0	113	70	130			
Chlorobenzene	0.0473	0.00100	0.04640	0	102	70	130			
Chloroform	0.0547	0.00100	0.04640	0	118	70	130			
Hexachlorobutadiene	0.0554	0.00300	0.04640	0	119	70	130			
Tetrachloroethene	0.0465	0.00100	0.04640	0	100	70	130			
Trichloroethene	0.0549	0.00100	0.04640	0	118	70	130			
Vinyl chloride	0.0539	0.00100	0.04640	0	116	70	130			
Surr: 1,2-Dichloroethane-d4	0.162		0.2000		81.1	72	119			
Surr: 4-Bromofluorobenzene	0.195		0.2000		97.3	76	119			
Surr: Dibromofluoromethane	0.180		0.2000		89.8	85	115			
Surr: Toluene-d8	0.169		0.2000		84.3	81	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.

ANALYTICAL QC SUMMARY REPORT

Work Order: 2201164

Project: Dallas Brownfield-Fair Park Phase II ESA (IDW **RunID: IGN_220127A**

The QC data in batch 103709 applies to the following samples: 2201164-01C

Sample ID: **LCS-103709**	Batch ID: **103709**			TestNo: **SW1010**				Units: **°C**			
SampType: **LCS**	Run ID: **IGN_220127A**			Analysis Date: **1/27/2022 9:10:00 AM**				Prep Date: **1/27/2022**			
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Ignitability	47.4	0	46.38	0	102	95	105				

Sample ID: **MB-103709**	Batch ID: **103709**			TestNo: **SW1010**				Units: **°C**			
SampType: **MBLK**	Run ID: **IGN_220127A**			Analysis Date: **1/27/2022 9:10:00 AM**				Prep Date: **1/27/2022**			
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Ignitability	>100	0									

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.

ANALYTICAL QC SUMMARY REPORT

Work Order: 2201164

Project: Dallas Brownfield-Fair Park Phase II ESA (IDW **RunID:** IGN_220131A

The QC data in batch 103760 applies to the following samples: 2201164-02C

Sample ID: **LCS-103760**	Batch ID: **103760**	TestNo: **SW1010A**	Units: **°C**
SampType: **LCS**	Run ID: **IGN_220131A**	Analysis Date: **1/31/2022 1:35:00 PM**	Prep Date: **1/31/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Ignitability	46.9	0	46.70	0	100	95	105			

Sample ID: **MB-103760**	Batch ID: **103760**	TestNo: **SW1010A**	Units: **°C**
SampType: **MBLK**	Run ID: **IGN_220131A**	Analysis Date: **1/31/2022 1:35:00 PM**	Prep Date: **1/31/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Ignitability	>100	0								

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.

ANALYTICAL QC SUMMARY REPORT

Work Order: 2201164

Project: Dallas Brownfield-Fair Park Phase II ESA (IDW **RunID:** **PH2_220125A**

The QC data in batch 103665 applies to the following samples: 2201164-01C

Sample ID: **2201164-01C-DUP** Batch ID: **103665** TestNo: **SW9045D** Units: **Soil / Waste pH me**

SampType: **DUP** Run ID: **PH2_220125A** Analysis Date: **1/25/2022 2:15:00 PM** Prep Date: **1/25/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
pH	8.51	0	0	8.470				0.471	5	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

Sample ID: **ICV1-220125**	Batch ID: **PH_S-1/25/2022**	TestNo: **SW9045D**	Units: **pH Units@22.5°C**
SampType: **ICV1**	Run ID: **PH2_220125A**	Analysis Date: **1/25/2022 2:15:00 PM**	Prep Date: **1/25/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
pH	2.02	0	2.000	0	101	99	101			

Sample ID: **ICV2-220125**	Batch ID: **PH_S-1/25/2022**	TestNo: **SW9045D**	Units: **pH Units@22.5°C**
SampType: **ICV2**	Run ID: **PH2_220125A**	Analysis Date: **1/25/2022 2:15:00 PM**	Prep Date: **1/25/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
pH	4.00	0	4.000	0	100	97.5	102.5			

Sample ID: **ICV3-220125**	Batch ID: **PH_S-1/25/2022**	TestNo: **SW9045D**	Units: **pH Units@22.6°C**
SampType: **ICV3**	Run ID: **PH2_220125A**	Analysis Date: **1/25/2022 2:15:00 PM**	Prep Date: **1/25/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
pH	7.03	0	7.000	0	100	98.5	101.4			

Sample ID: **ICV4-220125**	Batch ID: **PH_S-1/25/2022**	TestNo: **SW9045D**	Units: **pH Units@22.5°C**
SampType: **ICV4**	Run ID: **PH2_220125A**	Analysis Date: **1/25/2022 2:15:00 PM**	Prep Date: **1/25/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
pH	10.04	0	10.00	0	100	99	101			

Sample ID: **ICV5-220125**	Batch ID: **PH_S-1/25/2022**	TestNo: **SW9045D**	Units: **pH Units@22.6°C**
SampType: **ICV5**	Run ID: **PH2_220125A**	Analysis Date: **1/25/2022 2:15:00 PM**	Prep Date: **1/25/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
pH	12.03	0	12.00	0	100	99	101			

Sample ID: **ICV-220125**	Batch ID: **PH_S-1/25/2022**	TestNo: **SW9045D**	Units: **pH Units@22.6°C**
SampType: **ICV**	Run ID: **PH2_220125A**	Analysis Date: **1/25/2022 2:15:00 PM**	Prep Date: **1/25/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
pH	7.00	0	7.000	0	100	99	101			

Sample ID: **CCV-220125**	Batch ID: **PH_S-1/25/2022**	TestNo: **SW9045D**	Units: **Soil / Waste pH me**
SampType: **CCV**	Run ID: **PH2_220125A**	Analysis Date: **1/25/2022 2:15:00 PM**	Prep Date: **1/25/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
pH	7.02	0	7.000	0	100	97.1	102.9			

CLIENT: Stantec Consulting Services Inc.

ANALYTICAL QC SUMMARY REPORT

Work Order: 2201164

Project: Dallas Brownfield-Fair Park Phase II ESA (IDW **RunID:** **PMOIST_220125B**

The QC data in batch 103674 applies to the following samples: 2201164-01C

Sample ID: **2201164-01C-DUP** Batch ID: **103674** TestNo: **D2216** Units: **WT%**

SampType: **DUP** Run ID: **PMOIST_220125B** Analysis Date: **1/26/2022 8:15:00 AM** Prep Date: **1/25/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Percent Moisture	8.76	0	0	10.32				16.4	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.

ANALYTICAL QC SUMMARY REPORT

Work Order: 2201164

Project: Dallas Brownfield-Fair Park Phase II ESA (IDW **RunID:** **TITRATOR_220125A**

The QC data in batch 103664 applies to the following samples: 2201164-02C

Sample ID: **2201139-01D-DUP** Batch ID: **103664** TestNo: **M4500-H+ B** Units: **pH Units@19.7°C**

SampType: **DUP** Run ID: **TITRATOR_220125A** Analysis Date: **1/25/2022 11:09:00 AM** Prep Date: **1/25/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
pH	7.60	0	0	7.560				0.528	5	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201164
Project: Dallas Brownfield-Fair Park Phase II ESA (IDW

ANALYTICAL QC SUMMARY REPORT

RunID: **TITRATOR_220125A**

Sample ID: **ICV2-220125**	Batch ID: **R118999**	TestNo: **M4500-H+ B**	Units: **pH Units@22.2°C**
SampType: **ICV2**	Run ID: **TITRATOR_220125A**	Analysis Date: **1/25/2022 8:59:00 AM**	Prep Date: **1/25/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
pH	7.03	0	7.000	0	100	98.5	101.4			

Sample ID: **ICV1-220125**	Batch ID: **R118999**	TestNo: **M4500-H+ B**	Units: **pH Units@22.2°C**
SampType: **ICV1**	Run ID: **TITRATOR_220125A**	Analysis Date: **1/25/2022 9:01:00 AM**	Prep Date: **1/25/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
pH	3.96	0	4.000	0	99.0	97.5	102.5			

Sample ID: **ICV-220125**	Batch ID: **R118999**	TestNo: **M4500-H+ B**	Units: **pH Units@22°C**
SampType: **ICV**	Run ID: **TITRATOR_220125A**	Analysis Date: **1/25/2022 9:03:00 AM**	Prep Date: **1/25/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
pH	10.00	0	10.00	0	100	99	101			

Sample ID: **CCV1-220125**	Batch ID: **R118999**	TestNo: **M4500-H+ B**	Units: **pH Units@21.4°C**
SampType: **CCV**	Run ID: **TITRATOR_220125A**	Analysis Date: **1/25/2022 11:20:00 AM**	Prep Date: **1/25/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
pH	6.97	0	7.000	0	99.6	97.1	102.9			

Sample ID: **CCV2-220125**	Batch ID: **R118999**	TestNo: **M4500-H+ B**	Units: **pH Units@22.2°C**
SampType: **ICV4**	Run ID: **TITRATOR_220125A**	Analysis Date: **1/25/2022 11:52:00 AM**	Prep Date: **1/25/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
pH	1.99	0	2.000	0	99.5	99	101			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.

ANALYTICAL QC SUMMARY REPORT

Work Order: 2201164

Project: Dallas Brownfield-Fair Park Phase II ESA (IDW **RunID:** **UV/VIS_2_220127A**

The QC data in batch 103707 applies to the following samples: 2201164-01C, 2201164-02C

Sample ID: **MB-103707**	Batch ID: **103707**	TestNo: **Sw846 Ch7.3**	Units: **mg/Kg**
SampType: **MBLK**	Run ID: **UV/VIS_2_220127A**	Analysis Date: **1/27/2022 5:01:00 PM**	Prep Date: **1/27/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Reactive Cyanide	<0.0500	0.100								N

Sample ID: **LCS-103707**	Batch ID: **103707**	TestNo: **Sw846 Ch7.3**	Units: **mg/Kg**
SampType: **LCS**	Run ID: **UV/VIS_2_220127A**	Analysis Date: **1/27/2022 5:09:00 PM**	Prep Date: **1/27/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Reactive Cyanide	0.419	0.100	40.00	0	1.05	1	10			N

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201164
Project: Dallas Brownfield-Fair Park Phase II ESA (IDW

ANALYTICAL QC SUMMARY REPORT

RunID: **UV/VIS_2_220127A**

Sample ID: **ICV-220127**	Batch ID: **R119061**	TestNo: **Sw846 Ch7.3**	Units: **mg/Kg**
SampType: **ICV**	Run ID: **UV/VIS_2_220127A**	Analysis Date: **1/27/2022 4:59:00 PM**	Prep Date: **1/27/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Reactive Cyanide	0.104	0.100	0.1000	0	104	85	115			N

Sample ID: **CCV-220127**	Batch ID: **R119061**	TestNo: **Sw846 Ch7.3**	Units: **mg/Kg**
SampType: **CCV**	Run ID: **UV/VIS_2_220127A**	Analysis Date: **1/27/2022 5:15:00 PM**	Prep Date: **1/27/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Reactive Cyanide	0.194	0.100	0.2000	0	97.0	85	115			N

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.

ANALYTICAL QC SUMMARY REPORT

Work Order: 2201164

Project: Dallas Brownfield-Fair Park Phase II ESA (IDW **RunID:** **WC_220127A**

The QC data in batch 103707 applies to the following samples: 2201164-01C, 2201164-02C

Sample ID: **MB-103707**	Batch ID: **103707**			TestNo: **Sw846 Ch7.3**				Units: **mg/Kg**			
SampType: **MBLK**	Run ID: **WC_220127A**			Analysis Date: **1/27/2022 2:30:00 PM**				Prep Date: **1/27/2022**			
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Reactive Sulfide	<20.0	20.0								N	

Sample ID: **LCS-103707**	Batch ID: **103707**			TestNo: **Sw846 Ch7.3**				Units: **mg/Kg**			
SampType: **LCS**	Run ID: **WC_220127A**			Analysis Date: **1/27/2022 2:38:00 PM**				Prep Date: **1/27/2022**			
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Reactive Sulfide	160	20.0	308.0	0	51.9	25	90			N	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201164
Project: Dallas Brownfield-Fair Park Phase II ESA (IDW

ANALYTICAL QC SUMMARY REPORT

RunID: WC_220127A

Sample ID: **ICV-220127**	Batch ID: **R119060**	TestNo: **Sw846 Ch7.3**	Units: **mg/Kg**
SampType: **ICV**	Run ID: **WC_220127A**	Analysis Date: **1/27/2022 2:24:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Reactive Sulfide	150	20.0	154.0	0	97.4	80	120			N

Sample ID: **CCV-220127**	Batch ID: **R119060**	TestNo: **Sw846 Ch7.3**	Units: **mg/Kg**
SampType: **CCV**	Run ID: **WC_220127A**	Analysis Date: **1/27/2022 3:24:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Reactive Sulfide	306	20.0	308.0	0	99.4	80	120			N

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

February 04, 2022

Sarah Vonraesfeld
Stantec Consulting Services Inc.
1905 Aldrich Street #300
Austin, TX 78723-3544
TEL: (925) 627-4654
FAX:

Order No.: 2201122

RE: Dallas Brownfield-Fair Park Phase II ESA (Soil)

Dear Sarah Vonraesfeld:

DHL Analytical, Inc. received 47 sample(s) on 1/19/2022 for the analyses presented in the following report.

There were no problems with the analyses and all data met requirements of NELAP except where noted in the Case Narrative. All non-NELAP methods will be identified accordingly in the case narrative and all estimated uncertainties of test results are within method or EPA specifications.

If you have any questions regarding these tests results, please feel free to call. Thank you for using DHL Analytical.

Sincerely,

John DuPont
General Manager

This report was performed under the accreditation of the State of Texas Laboratory Certification Number: T104704211-21-27

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DHL ANALYTICAL

2300 Double Creek Dr. Round Rock, TX 78664
Phone 512.388.8222
Web: **www.dhlanalytical.com**
Email: **login@dhlanalytical.com**

CHAIN-OF-CUSTODY

PAGE 1 OF 3

CLIENT: Stantec Consulting Services, Inc
ADDRESS:
PHONE: EMAIL: sarah.vonraesfeld@stantec.com
DATA REPORTED TO: Sarah Von Raesfeld
ADDITIONAL REPORT COPIES TO: kelly.shugart@stantec.com

DATE: 1-17-2022
PO#:
PROJECT LOCATION OR NAME: Fair Park Phase II
CLIENT PROJECT # 185781311 COLLECTOR: K. Shugart

LABORATORY USE ONLY
DHL WORKORDER #: 2201122

Authorize 5% surcharge for TRRP report? ☐ Yes ☐ No

W=WATER L=LIQUID S=SOIL SO=SOLID SE=SEDIMENT P=PAINT SL=SLUDGE

Field Sample I.D.	DHL Lab #	Collection Date	Collection Time	Matrix	Container Type	# of Containers	PRESERVATION: HCL	HNO_3	H_2SO_4	NaOH ☐ Zn Acetate ☐	ICE ☐ UNPRESERVED ☐	ANALYSES	Lead 6010C	FIELD NOTES
B13(1-2)SO	01	1-17-2022	0900	S	Jar	1							X	
B13(3-4)SO	02	1-17-2022	0905	S	Jar	1							X	Hold
B17(1-2)SO	03	1-17-2022	0927	S	Jar	1						PAH 8270 ☐ HOLD PAH ☐	X	
B17(3-4)SO	04	1-17-2022	0934	S	Jar	1						PAH 8270 ☐ HOLD PAH ☐	H	Hold
B18(1-2)SO	05	1-17-2022	1018	S	Jar	1							X	
B18(3-4)SO	06	1-17-2022	1027	S	Jar	1							X	Hold
B19(1-2)SO	07	1-17-2022	1041	S	Jar	1							X	
B19(3-4)SO	08	1-17-2022	1045	S	Jar	1							H	Hold
B09(1-2)SO	09	1-17-2022	1111	S	Jar	1						PAH 8270 ☐ HOLD PAH ☐	X	
B09(3-4)SO	10	1-17-2022	1116	S	Jar	1						PAH 8270 ☐ HOLD PAH ☐	X	Hold
B14(1-2)SO	11	1-17-2022	1250	S	Jar	1							X	
B14(3-4)SO	12	1-17-2022	1255	S	Jar	1							H	Hold
B10(1-2)SO	13	1-17-2022	1310	S	Jar	1						PAH 8270 ☐ HOLD PAH ☐	X	
B10(3-4)SO	14	1-17-2022	1312	S	Jar	1						PAH 8270 ☐ HOLD PAH ☐	H	Hold
B06(1-2)SO	15	1-17-2022	1330	S	Jar	1							X	
B06(3-4)SO	16	1-17-2022	1334	S	Jar	1							X	Hold

(1) = All Pb Per J. V. Raesfeld 1/27/22 (EW)

Relinquished By: (Sign)	DATE/TIME	Received by:
Stantec	1-18-2022 15:15	FedEx
FedEx	1/19/22 0913	

TURN AROUND TIME (CALL FIRST FOR RUSH)
RUSH-1 DAY☐ RUSH-2 DAY☐ RUSH-3 DAY☐
NORMAL☒ OTHER ☐
DUE DATE ☐

LABORATORY USE ONLY
RECEIVING TEMP (°C): 2.1°C / 1.6°C THERM #: 78
CUSTODY SEALS: ☐ BROKEN ☒ INTACT ☐ NOT USED
CARRIER: ☐ LSO ☒ FEDEX ☐ UPS ☐ COURIER ☐ OTHER ☐ HAND DELIVERED

☐ **DHL DISPOSAL @ 5.00 each** ☐ **Return**

DHL COC REV 3 | MAR 2021

DHL ANALYTICAL

2300 Double Creek Dr. Round Rock, TX 78664
Phone 512.388.8222
Web: **www.dhlanalytical.com**
Email: **login@dhlanalytical.com**

CHAIN-OF-CUSTODY

PAGE 2 OF 3

CLIENT: Stantec Consulting Services, Inc
ADDRESS:
PHONE: EMAIL: sarah.vonraesfeld@stantec.com
DATA REPORTED TO: Sarah von Raesfeld
ADDITIONAL REPORT COPIES TO: kelly.shugart@stantec.com

DATE: 1-18-2022
PO#:
PROJECT LOCATION OR NAME: Fair Park Phase II
CLIENT PROJECT # 185751311 COLLECTOR: K. Shugart

LABORATORY USE ONLY
DHL WORKORDER #: 2201122

Authorize 5% surcharge for TRRP report? ☐ Yes ☐ No

W=WATER L=LIQUID S=SOIL SO=SOLID SE=SEDIMENT P=PAINT SL=SLUDGE

Field Sample I.D.	Lab Use Only DHL Lab #	Collection Date	Collection Time	Matrix	Container Type	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4	NaOH ☐ Zn Acetate ☐	ICE ☐ UNPRESERVED ☐	ANALYSES	Lead 6010C	FIELD NOTES
B05(1-2)SO	17	1-17-2022	1356	S	Jar	1							X	
B05(3-4)SO	18	1-17-2022	1401	S	Jar	1							H	Hold
B01(1-2)SO	19	1-17-2022	1415	S	Jar	3							X	MS/MSD
B01(3-4)SO	20	1-17-2022	1420	S	Jar	1							H	Hold
DUP01	21	1-17-2022	1400	S	Jar	1							X	
EB-011822	22	1-18-2022	0800	W	Poly	2		X					X	
B02(1-2)SO	23	1-18-2022	0850	S	Jar	1							X	
B02(3-4)SO	24	1-18-2022	0855	S	Jar	1							H	Hold
B03(1-2)SO	25	1-18-2022	0905	S	Jar	1							X	
B03(3-4)SO	26	1-18-2022	0910	S	Jar	1							H	Hold
B04(1-2)SO	27	1-18-2022	0925	S	Jar	1							X	
B04(3-4)SO	28	1-18-2022	0930	S	Jar	1							H	Hold
B08(1-2)SO	29	1-18-2022	0943	S	Jar	1							X	
B08(3-4)SO	30	1-18-2022	0951	S	Jar	1							(X)	Hold
B07(1-2)SO	31	1-18-2022	1005	S	Jar	1							X	
B07(3-4)SO	32	1-18-2022	1010	S	Jar	1							H	Hold

(X) = Add Pb per S. V. Raesfeld 1/27/22 (w)

Relinquished By: (Sign)	DATE/TIME	Received by:
Stantec	1-18-2022 15:18	FedEx
FedEx	1/19/22 0913	

TURN AROUND TIME (CALL FIRST FOR RUSH)
RUSH-1 DAY☐ RUSH-2 DAY☐ RUSH-3 DAY☐
NORMAL☒ OTHER☐
DUE DATE ☐

LABORATORY USE ONLY
RECEIVING TEMP (°C): 2.1°C/1.6°C THERM #: 78
CUSTODY SEALS: ☐ BROKEN ☒ INTACT ☐ NOT USED
CARRIER: ☐ LSO ☒ FEDEX ☐ UPS ☐ COURIER ☐ OTHER ☐ HAND DELIVERED

☐ **DHL DISPOSAL @ 5.00 each** ☐ **Return**

DHL COC REV 3 | MAR 2021

DHL ANALYTICAL
2300 Double Creek Dr. Round Rock, TX 78664
Phone 512.388.8222
Web: **www.dhlanalytical.com**
Email: **login@dhlanalytical.com**

CHAIN-OF-CUSTODY

CLIENT: Stantec Consulting Services, Inc
ADDRESS:
PHONE: EMAIL: Sarah.vonraesfeld@stantec.com
DATA REPORTED TO: Sarah VonRaesfeld
ADDITIONAL REPORT COPIES TO: Kelly.Shugart@stantec.com

DATE: 1-18-2022
PO#:
PROJECT LOCATION OR NAME: Fair Park Phase II
CLIENT PROJECT # 185781311 COLLECTOR: K Shugart

LABORATORY USE ONLY
DHL WORKORDER #: 2201122

Authorize 5% surcharge for TRRP report? ☐ Yes ☐ No

W=WATER L=LIQUID S=SOIL SO=SOLID SE=SEDIMENT P=PAINT SL=SLUDGE

Field Sample I.D.	Lab Use Only DHL Lab #	Collection Date	Collection Time	Matrix	Container Type	# of Containers	PRESERVATION HCl	HNO_3	H_2SO_4	NaOH ☐ Zn Acetate ☐	ICE ☐ UNPRESERVED ☐	ANALYSES	Lead 6010C	FIELD NOTES
B12(1-2)SO	33	1-18-2022	1027	S	Jar	1							X	
B12(3-4)SO	34	1-18-2022	1031	S	Jar	1							H	Hold
B16 (1-2)SO	35	1-18-2022	1046	S	Jar	1							X	
B16 (3-4)SO	36	1-18-2022	1054	S	Jar	1							H	Hold
B24 (1-2)SO	37	1-18-2022	1220	S	Jar	1							X	
B24 (3-4)SO	38	1-18-2022	1225	S	Jar	1							H	Hold
B11 (1-2)SO	39	1-18-2022	1245	S	Jar	1							X	
B11 (3-4)SO	40	1-18-2022	1249	S	Jar	1							H	Hold
B20(1-2)SO	41	1-18-2022	1305	S	Jar	3							X	MS/MSD
B20(3-4)SO	42	1-18-2022	1311	S	Jar	1							H	Hold
B15(1-2)SO	43	1-18-2022	1326	S	Jar	1							X	
B15(3-4)SO	44	1-18-2022	1332	S	Jar	1							H	Hold
DUP02	45	1-18-2022	1600	S	Jar	1							X	
DUP03	46	1-18-2022	1700	S	Jar	1							X	
DUP04	47	1-18-2022	1800	S	Jar	1							X	

⊗-All Pb Per J.V. Raesfeld 1/27/22 (w)

Relinquished By: (Sign)	DATE/TIME	Received by:
Stantec	1-18-2022 15:15	FedEx
FedEx	1/19/22 0913	

TURN AROUND TIME (CALL FIRST FOR RUSH)
RUSH-1 DAY☐ RUSH-2 DAY☐ RUSH-3 DAY☐
NORMAL☒ OTHER ☐
DUE DATE _____ ☐

LABORATORY USE ONLY
RECEIVING TEMP (°C): 2.1°C/1.6°C THERM #: 78
CUSTODY SEALS: ☐ BROKEN ☒ INTACT ☐ NOT USED
CARRIER: ☐ LSO ☒ FEDEX ☐ UPS ☐ COURIER ☐ OTHER ☐ HAND DELIVERED

☐ **DHL DISPOSAL @ 5.00 each** ☐ **Return**

John DuPont

Subject: FW: PRELIM DATA Dallas Brownfield/2201122

From: Von Raesfeld, Sarah <sarah.vonraesfeld@stantec.com>
Sent: Thursday, January 27, 2022 3:07 PM
To: Carlos Castro <cac@dhlanalytical.com>
Cc: Shugart, Kelly <kelly.shugart@stantec.com>
Subject: RE: PRELIM DATA Dallas Brownfield/2201122

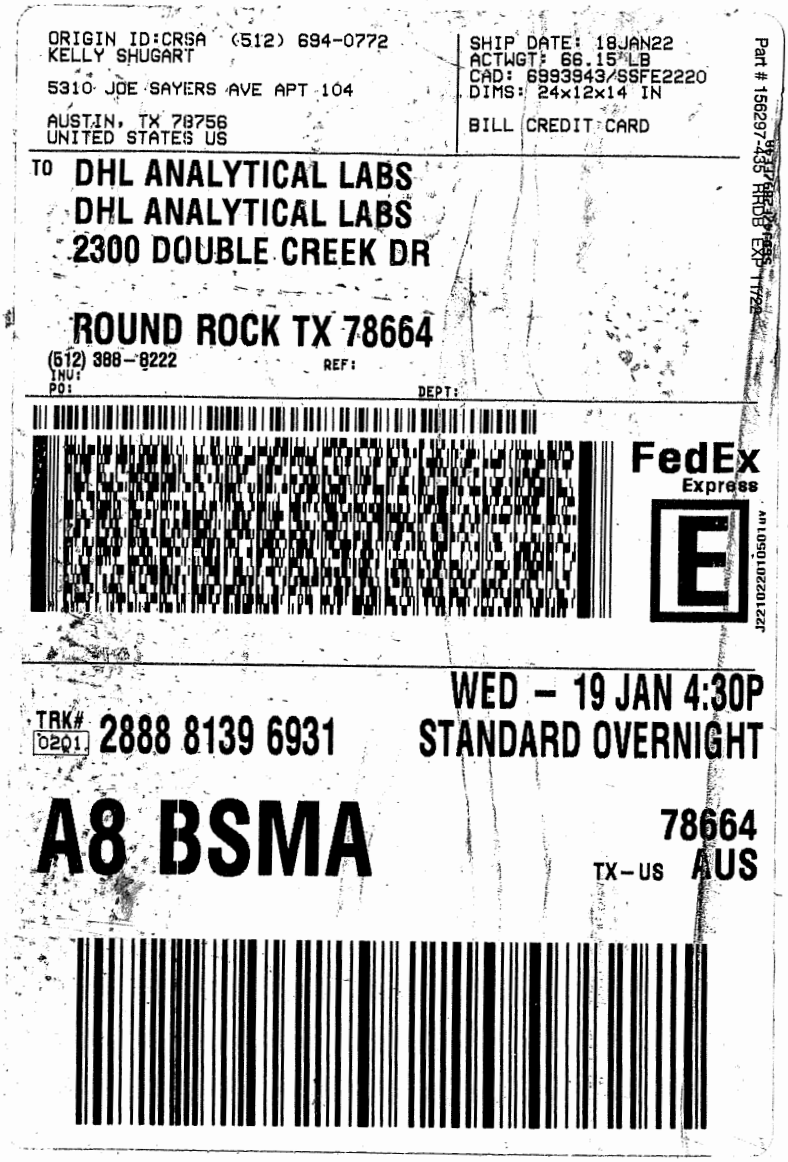
Hi Carlos,

Please analyze the following hold samples:

Lab ID	Sample ID	Analysis
2201122-16A	B06(3-4)SO	Pb (6020B)
2201122-30A	B08(3-4)SO	Pb (6020B)
2201122-10A	B09(3-4)SO	Pb (6020B)
2201122-40A	B11(3-4)SO	Pb (6020B)
2201122-34A	B12(3-4)SO	Pb (6020B)
2201122-02A	B13(3-4)SO	Pb (6020B)
2201122-06A	B18(3-4)SO	Pb (6020B)
2201122-38A	B21(3-4)SO	Pb (6020B)

We will not be running any of the remaining hold samples in 2201122, 2201148, or 2201162 (lead, PAHs, nor TX1006).

Thanks,
Sarah



ORIGIN ID:CRSA (512) 694-0772
KELLY SHUGART

5310 JOE SAYERS AVE APT 104

AUSTIN, TX 78756
UNITED STATES US

SHIP DATE: 18JAN22
ACTWGT: 66.15 LB
CAD: 6993943/SSFE2220
DIMS: 24x12x14 IN

BILL CREDIT CARD

Part # 156297-433 RRD0 EXP 11/22

TO DHL ANALYTICAL LABS
DHL ANALYTICAL LABS
2300 DOUBLE CREEK DR

ROUND ROCK TX 78664
(512) 388-8222

INV:
PO:
REF:
DEPT:

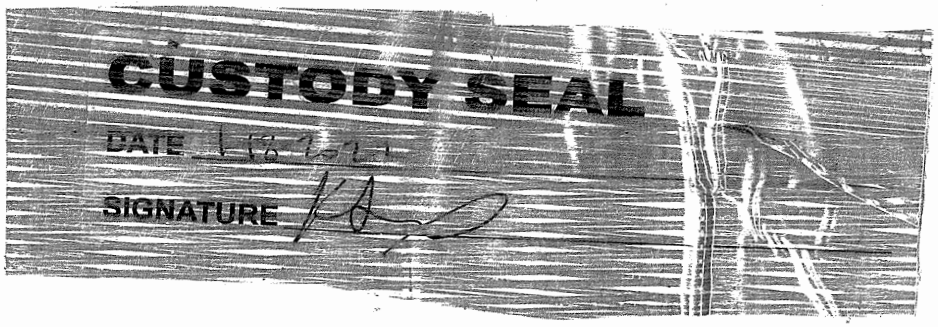
FedEx
Express

TRK# 0201 2888 8139 6931

WED - 19 JAN 4:30P
STANDARD OVERNIGHT

A8 BSMA

78664
TX-US AUS





ORIGIN ID:CRSA (512) 694-0772
KELLY SHUGART

5310 JOE SAYERS AVE APT 104

AUSTIN, TX 78756
UNITED STATES US

SHIP DATE: 18JAN22
ACTWGT: 64.20 LB
CAD: 6993943/SSFE2220
DIMS: 23x13x14 IN

BILL CREDIT CARD

Part # 156297-435 HRD DT1 EXP 11/22

TO **DHL ANALYTICAL LABS**
DHL ANALYTICAL LABS
2300 DOUBLE CREEK DR

ROUND ROCK TX 78664

(512) 388-8222 REF:
INV:
PO: DEPT:

FedEx
Express

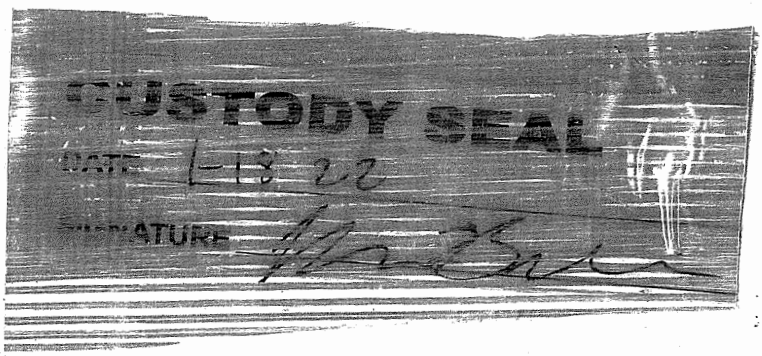
REL#
3785346

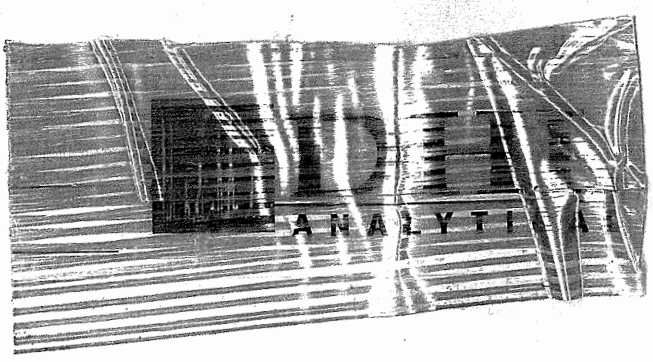
TRK# 0201 **2888 8151 7844**

WED - 19 JAN 4:30P
STANDARD OVERNIGHT

A8 BSMA

78664
TX-US **AUS**





DHL Analytical, Inc.

Sample Receipt Checklist

Client Name **Stantec Constulting Services Inc.** Date Received: **1/19/2022**

Work Order Number **2201122** Received by: **RA**

Checklist completed by: _____ 1/19/2022 Reviewed by (DL) 1/19/2022
Signature | Date | Initials | Date

Carrier name: FedEx 1day

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	2.1 °C/1.6°C
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH<2 acceptable upon receipt?	Yes ☐	No ☐	NA ☑ LOT #
	Adjusted?		Checked by
Water - ph>9 (S) or ph>10 (CN) acceptable upon receipt?	Yes ☐	No ☐	NA ☑ LOT #
	Adjusted?		Checked by

Any No response must be detailed in the comments section below.

Client contacted: _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action: _____

Laboratory Name: DHL Analytical, Inc.

Laboratory Review Checklist: Reportable Data

Project Name: Conoco Fuel	**LRC Date:** 2/4/2022
Reviewer Name: Angie O'Donnell	**Laboratory Work Order: 2201122**
Prep Batch Number(s): See Prep Dates Report	**Run Batch:** See Analytical Dates Report

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
		Chain-of-Custody (C-O-C)					
R1	OI	**1)** Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	**X**				**R1-01**
		2) Were all departures from standard conditions described in an exception report?			**X**		
R2	OI	**Sample and Quality Control (QC) Identification**					
		1) Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	**X**				
		2) Are all laboratory ID numbers cross-referenced to the corresponding QC data?	**X**				
R3	OI	**Test Reports**					
		1) Were all samples prepared and analyzed within holding times?	**X**				
		2) Other than those results < MQL, were all other raw values bracketed by calibration standards?	**X**				
		3) Were calculations checked by a peer or supervisor?	**X**				
		4) Were all analyte identifications checked by a peer or supervisor?	**X**				
		5) Were sample detection limits reported for all analytes not detected?	**X**				
		6) Were all results for soil and sediment samples reported on a dry weight basis?			**X**		
		7) Were % moisture (or solids) reported for all soil and sediment samples?			**X**		
		8) Were bulk soils/solids samples for volatile analysis extracted with methanol per EPA Method 5035?			**X**		
		9) If required for the project, TICs reported?			**X**		
R4	O	**Surrogate Recovery Data**					
		1) Were surrogates added prior to extraction?	**X**				
		2) Were surrogate percent recoveries in all samples within the laboratory QC limits?	**X**				
R5	OI	**Test Reports/Summary Forms for Blank Samples**					
		1) Were appropriate type(s) of blanks analyzed?	**X**				
		2) Were blanks analyzed at the appropriate frequency?	**X**				
		3) Where method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	**X**				
		4) Were blank concentrations < MDL?	**X**				
		5) For analyte(s) detected in a blank sample, was the concentration, unadjusted for sample specific factors, in all associated field samples, **greater** than 10 times the concentration in the blank sample?			**X**		
R6	OI	**Laboratory Control Samples (LCS):**					
		1) Were all COCs included in the LCS?	**X**				
		2) Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	**X**				
		3) Were LCSs analyzed at the required frequency?	**X**				
		4) Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	**X**				
		5) Does the detectability data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	**X**				
		6) Was the LCSD RPD within QC limits (if applicable)?	**X**				
R7	OI	**Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Data**					
		1) Were the project/method specified analytes included in the MS and MSD?			**X**		
		2) Were MS/MSD analyzed at the appropriate frequency?			**X**		
		3) Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?			**X**		
		4) Were MS/MSD RPDs within laboratory QC limits?			**X**		
R8	OI	**Analytical Duplicate Data**					
		1) Were appropriate analytical duplicates analyzed for each matrix?	**X**				
		2) Were analytical duplicates analyzed at the appropriate frequency?	**X**				
		3) Were RPDs or relative standard deviations within the laboratory QC limits?	**X**				
R9	OI	**Method Quantitation Limits (MQLs):**					
		1) Are the MQLs for each method analyte included in the laboratory data package?	**X**				
		2) Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	**X**				
		3) Are unadjusted MQLs and DCSs included in the laboratory data package?	**X**				
R10	OI	**Other Problems/Anomalies**					
		1) Are all known problems/anomalies/special conditions noted in this LRC and ER?	**X**				**R10-01**
		2) Was applicable and available technology used to lower the SDL to minimize the matrix interference affects on the sample results?	**X**				
		3) Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	**X**				

Laboratory Name: DHL Analytical, Inc.

Laboratory Review Checklist (continued): Supporting Data

Project Name: Conoco Fuel	**LRC Date:** 2/4/2022
Reviewer Name: Angie O'Donnell	**Laboratory Work Order: 2201122**
Prep Batch Number(s): See Prep Dates Report	**Run Batch:** See Analytical Dates Report

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial Calibration (ICAL)**					
		1) Were response factors and/or relative response factors for each analyte within QC limits?	X				
		2) Were percent RSDs or correlation coefficient criteria met?	X				
		3) Was the number of standards recommended in the method used for all analytes?	X				
		4) Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		5) Are ICAL data available for all instruments used?	X				
		6) Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	**Initial and Continuing calibration Verification (ICCV and CCV) and Continuing Calibration blank (CCB):**					
		1) Was the CCV analyzed at the method-required frequency?	X				
		2) Were percent differences for each analyte within the method-required QC limits?	X				
		3) Was the ICAL curve verified for each analyte?	X				
		4) Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	**Mass Spectral Tuning:**					
		1) Was the appropriate compound for the method used for tuning?	X				
		2) Were ion abundance data within the method-required QC limits?	X				
S4	O	**Internal Standards (IS):**					
		1) Were IS area counts and retention times within the method-required QC limits?	X				
S5	OI	**Raw Data (NELAC Section 5.5.10)**					
		1) Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		2) Were data associated with manual integrations flagged on the raw data?	X				
S6	O	**Dual Column Confirmation**					
		1) Did dual column confirmation results meet the method-required QC?			X		
S7	O	**Tentatively Identified Compounds (TICs):**					
		1) If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	**Interference Check Sample (ICS) Results:**					
		1) Were percent recoveries within method QC limits?	X				
S9	I	**Serial Dilutions, Post Digestion Spikes, and Method of Standard Additions**					
		1) Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	**Method Detection Limit (MDL) Studies**					
		1) Was a MDL study performed for each reported analyte?	X				
		2) Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	**Proficiency Test Reports:**					
		1) Was the lab's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	**Standards Documentation**					
		1) Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	**Compound/Analyte Identification Procedures**					
		1) Are the procedures for compound/analyte identification documented?	X				
S14	OI	**Demonstration of Analyst Competency (DOC)**					
		1) Was DOC conducted consistent with NELAC Chapter 5 – Appendix C?	X				
		2) Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	**Verification/Validation Documentation for Methods** (NELAC Chapter 5)					
		1) Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	**Laboratory Standard Operating Procedures (SOPs):**					
		1) Are laboratory SOPs current and on file for each method performed?	X				

1 Items identified by the letter "R" should be included in the laboratory data package submitted to the TCEQ in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.

2 O = organic analyses; I = inorganic analyses (and general chemistry, when applicable).

3 NA = Not applicable.

4 NR = Not Reviewed.

5 ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Data Package Signature Page – RG-366/TRRP-13

This data package consists of:

This signature page, the laboratory review checklist, and the following reportable data:

R1 Field chain-of-custody documentation;
R2 Sample identification cross-reference;
R3 Test reports (analytical data sheets) for each environmental sample that includes:
  a) Items consistent with NELAC Chapter 5,
  b) dilution factors,
  c) preparation methods,
  d) cleanup methods, and
  e) if required for the project, tentatively identified compounds (TICs).
R4 Surrogate recovery data including:
  a) Calculated recovery (%R), and
  b) The laboratory's surrogate QC limits.
R5 Test reports/summary forms for blank samples;
R6 Test reports/summary forms for laboratory control samples (LCSs) including:
  a) LCS spiking amounts,
  b) Calculated %R for each analyte, and
  c) The laboratory's LCS QC limits.
R7 Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
  a) Samples associated with the MS/MSD clearly identified,
  b) MS/MSD spiking amounts,
  c) Concentration of each MS/MSD analyte measured in the parent and spiked samples,
  d) Calculated %Rs and relative percent differences (RPDs), and
  e) The laboratory's MS/MSD QC limits
R8 Laboratory analytical duplicate (if applicable) recovery and precision:
  a) The amount of analyte measured in the duplicate,
  b) The calculated RPD, and
  c) The laboratory's QC limits for analytical duplicates.
R9 List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix;
R10 Other problems or anomalies.

The Exception Report for each "No" or "Not Reviewed (NR)" item in the Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory is not accredited under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge that all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information or data affecting the quality of the data has been knowingly withheld.

This laboratory was last inspected by TCEQ on February 23-26, 2021. Any findings affecting the data in this laboratory data package are noted in the Exception Reports herein. The official signing the cover page of the report in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

Name: John DuPont
Official Title: General Manager



Signature

02/04/22
Date

Name: Dr. Derhsing Luu
Official Title: Technical Director

DHL Analytical, Inc. **Date:** *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil
Lab Order:	2201122

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Method SW6020B - Metals Analysis
Method SW8270E-LL - PAH Analysis
Method D2216 - Percent Moisture Analysis

Exception Report R1-01

The samples were received and log-in performed on 1/19/2022. A total of 47 samples were received and 34 were analyzed. The samples arrived in good condition and were properly packaged. The client added analysis to eight samples on 1/27/2022, the remaining samples were placed on-hold.

Exception Report R7-03 and R7-04

For Metals Analysis, the recovery of Lead for the Matrix Spike and the RPD of Lead for the Matrix Spike Duplicate (2201122-41 MS/MSD) were above the method control limits. These are flagged accordingly in the QC Summary Report. This analyte was within method control limits in the associated LCS. No further corrective action was taken.

Exception Report R10-01

Per project specification, MS/MSDs are from workorder or project samples only.

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT: Stantec Consulting Services Inc.
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)
Lab Order: 2201122

Work Order Sample Summary

Lab Smp ID	Client Sample ID	Tag Number	Date Collected	Date Recved
2201122-01	B13(1-2)SO		01/17/22 09:00 AM	1/19/2022
2201122-02	B13(3-4)SO		01/17/22 09:05 AM	1/19/2022
2201122-03	B17(1-2)SO		01/17/22 09:27 AM	1/19/2022
2201122-04	B17(3-4)SO		01/17/22 09:34 AM	1/19/2022
2201122-05	B18(1-2)SO		01/17/22 10:18 AM	1/19/2022
2201122-06	B18(3-4)SO		01/17/22 10:27 AM	1/19/2022
2201122-07	B19(1-2)SO		01/17/22 10:41 AM	1/19/2022
2201122-08	B19(3-4)SO		01/17/22 10:45 AM	1/19/2022
2201122-09	B09(1-2)SO		01/17/22 11:11 AM	1/19/2022
2201122-10	B09(3-4)SO		01/17/22 11:16 AM	1/19/2022
2201122-11	B14(1-2)SO		01/17/22 12:50 PM	1/19/2022
2201122-12	B14(3-4)SO		01/17/22 12:55 PM	1/19/2022
2201122-13	B10(1-2)SO		01/17/22 01:10 PM	1/19/2022
2201122-14	B10(3-4)SO		01/17/22 01:12 PM	1/19/2022
2201122-15	B06(1-2)SO		01/17/22 01:30 PM	1/19/2022
2201122-16	B06(3-4)SO		01/17/22 01:34 PM	1/19/2022
2201122-17	B05(1-2)SO		01/17/22 01:56 PM	1/19/2022
2201122-18	B05(3-4)SO		01/17/22 02:01 PM	1/19/2022
2201122-19	B01(1-2)SO		01/17/22 02:15 PM	1/19/2022
2201122-20	B01(3-4)SO		01/17/22 02:20 PM	1/19/2022
2201122-21	DUP01		01/17/22 02:00 PM	1/19/2022
2201122-22	EB-011822		01/18/22 08:00 AM	1/19/2022
2201122-23	B02(1-2)SO		01/18/22 08:50 AM	1/19/2022
2201122-24	B02(3-4)SO		01/18/22 08:55 AM	1/19/2022
2201122-25	B03(1-2)SO		01/18/22 09:05 AM	1/19/2022
2201122-26	B03(3-4)SO		01/18/22 09:10 AM	1/19/2022
2201122-27	B04(1-2)SO		01/18/22 09:25 AM	1/19/2022
2201122-28	B04(3-4)SO		01/18/22 09:30 AM	1/19/2022
2201122-29	B08(1-2)SO		01/18/22 09:43 AM	1/19/2022
2201122-30	B08(3-4)SO		01/18/22 09:51 AM	1/19/2022
2201122-31	B07(1-2)SO		01/18/22 10:05 AM	1/19/2022
2201122-32	B07(3-4)SO		01/18/22 10:10 AM	1/19/2022
2201122-33	B12(1-2)SO		01/18/22 10:27 AM	1/19/2022
2201122-34	B12(3-4)SO		01/18/22 10:31 AM	1/19/2022
2201122-35	B16(1-2)SO		01/18/22 10:46 AM	1/19/2022
2201122-36	B16(3-4)SO		01/18/22 10:54 AM	1/19/2022
2201122-37	B21(1-2)SO		01/18/22 12:20 PM	1/19/2022
2201122-38	B21(3-4)SO		01/18/22 12:25 PM	1/19/2022

CLIENT: Stantec Consulting Services Inc.
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)
Lab Order: 2201122

Work Order Sample Summary

Lab Smp ID	Client Sample ID	Tag Number	Date Collected	Date Recved
2201122-39	B11(1-2)SO		01/18/22 12:45 PM	1/19/2022
2201122-40	B11(3-4)SO		01/18/22 12:49 PM	1/19/2022
2201122-41	B20(1-2)SO		01/18/22 01:05 PM	1/19/2022
2201122-42	B20(3-4)SO		01/18/22 01:11 PM	1/19/2022
2201122-43	B15(1-2)SO		01/18/22 01:26 PM	1/19/2022
2201122-44	B15(3-4)SO		01/18/22 01:32 PM	1/19/2022
2201122-45	DUP02		01/18/22 04:00 PM	1/19/2022
2201122-46	DUP03		01/18/22 05:00 PM	1/19/2022
2201122-47	DUP04		01/18/22 06:00 PM	1/19/2022

Lab Order: 2201122
Client: Stantec Consulting Services Inc.
Project: Dallas Brownfield-Fair Park Phase

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
2201122-01A	B13(1-2)SO	01/17/22 09:00 AM	Soil	D2216	Moisture Preparation	01/19/22 03:22 PM	103589
	B13(1-2)SO	01/17/22 09:00 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/21/22 08:52 AM	103611
2201122-02A	B13(3-4)SO	01/17/22 09:05 AM	Soil	D2216	Moisture Preparation	02/01/22 02:38 PM	103790
	B13(3-4)SO	01/17/22 09:05 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	02/01/22 09:01 AM	103774
2201122-03A	B17(1-2)SO	01/17/22 09:27 AM	Soil	D2216	Moisture Preparation	01/19/22 03:22 PM	103589
	B17(1-2)SO	01/17/22 09:27 AM	Soil	SW3550C	Soil Prep Sonication: PAH	01/20/22 08:00 AM	103577
	B17(1-2)SO	01/17/22 09:27 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/21/22 08:52 AM	103611
2201122-05A	B18(1-2)SO	01/17/22 10:18 AM	Soil	D2216	Moisture Preparation	01/19/22 03:22 PM	103589
	B18(1-2)SO	01/17/22 10:18 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/21/22 08:52 AM	103611
2201122-06A	B18(3-4)SO	01/17/22 10:27 AM	Soil	D2216	Moisture Preparation	02/01/22 02:38 PM	103790
	B18(3-4)SO	01/17/22 10:27 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	02/01/22 09:01 AM	103774
2201122-07A	B19(1-2)SO	01/17/22 10:41 AM	Soil	D2216	Moisture Preparation	01/19/22 03:22 PM	103589
	B19(1-2)SO	01/17/22 10:41 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/21/22 08:52 AM	103611
2201122-09A	B09(1-2)SO	01/17/22 11:11 AM	Soil	D2216	Moisture Preparation	01/19/22 03:22 PM	103589
	B09(1-2)SO	01/17/22 11:11 AM	Soil	SW3550C	Soil Prep Sonication: PAH	01/20/22 08:00 AM	103577
	B09(1-2)SO	01/17/22 11:11 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/21/22 08:52 AM	103611
2201122-10A	B09(3-4)SO	01/17/22 11:16 AM	Soil	D2216	Moisture Preparation	02/01/22 02:38 PM	103790
	B09(3-4)SO	01/17/22 11:16 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	02/01/22 09:01 AM	103774
2201122-11A	B14(1-2)SO	01/17/22 12:50 PM	Soil	D2216	Moisture Preparation	01/19/22 03:22 PM	103589
	B14(1-2)SO	01/17/22 12:50 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/21/22 08:52 AM	103611
2201122-13A	B10(1-2)SO	01/17/22 01:10 PM	Soil	D2216	Moisture Preparation	01/19/22 03:22 PM	103589
	B10(1-2)SO	01/17/22 01:10 PM	Soil	SW3550C	Soil Prep Sonication: PAH	01/20/22 08:00 AM	103577
	B10(1-2)SO	01/17/22 01:10 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/21/22 08:52 AM	103611
2201122-15A	B06(1-2)SO	01/17/22 01:30 PM	Soil	D2216	Moisture Preparation	01/19/22 03:22 PM	103589
	B06(1-2)SO	01/17/22 01:30 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/21/22 08:52 AM	103611
2201122-16A	B06(3-4)SO	01/17/22 01:34 PM	Soil	D2216	Moisture Preparation	02/01/22 02:38 PM	103790
	B06(3-4)SO	01/17/22 01:34 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	02/01/22 09:01 AM	103774
2201122-17A	B05(1-2)SO	01/17/22 01:56 PM	Soil	D2216	Moisture Preparation	01/21/22 03:25 PM	103605

Lab Order: 2201122
Client: Stantec Consulting Services Inc.
Project: Dallas Brownfield-Fair Park Phase

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
2201122-17A	B05(1-2)SO	01/17/22 01:56 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/21/22 08:52 AM	103611
2201122-19A	B01(1-2)SO	01/17/22 02:15 PM	Soil	D2216	Moisture Preparation	01/21/22 03:25 PM	103605
	B01(1-2)SO	01/17/22 02:15 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/21/22 08:52 AM	103611
2201122-21A	DUP01	01/17/22 02:00 PM	Soil	D2216	Moisture Preparation	01/21/22 03:25 PM	103605
	DUP01	01/17/22 02:00 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/21/22 08:52 AM	103611
2201122-22A	EB-011822	01/18/22 08:00 AM	Equip Blank	SW3005A	Aq Prep Metals : ICP-MS	01/24/22 09:44 AM	103636
2201122-23A	B02(1-2)SO	01/18/22 08:50 AM	Soil	D2216	Moisture Preparation	01/21/22 03:25 PM	103605
	B02(1-2)SO	01/18/22 08:50 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/21/22 08:52 AM	103611
2201122-25A	B03(1-2)SO	01/18/22 09:05 AM	Soil	D2216	Moisture Preparation	01/21/22 03:25 PM	103605
	B03(1-2)SO	01/18/22 09:05 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/21/22 08:52 AM	103611
2201122-27A	B04(1-2)SO	01/18/22 09:25 AM	Soil	D2216	Moisture Preparation	01/21/22 03:25 PM	103605
	B04(1-2)SO	01/18/22 09:25 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/21/22 08:52 AM	103611
2201122-29A	B08(1-2)SO	01/18/22 09:43 AM	Soil	D2216	Moisture Preparation	01/21/22 03:25 PM	103605
	B08(1-2)SO	01/18/22 09:43 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/21/22 08:52 AM	103611
2201122-30A	B08(3-4)SO	01/18/22 09:51 AM	Soil	D2216	Moisture Preparation	02/01/22 02:38 PM	103790
	B08(3-4)SO	01/18/22 09:51 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	02/01/22 09:01 AM	103774
2201122-31A	B07(1-2)SO	01/18/22 10:05 AM	Soil	D2216	Moisture Preparation	01/21/22 03:25 PM	103605
	B07(1-2)SO	01/18/22 10:05 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/21/22 08:52 AM	103611
2201122-33A	B12(1-2)SO	01/18/22 10:27 AM	Soil	D2216	Moisture Preparation	01/21/22 03:25 PM	103605
	B12(1-2)SO	01/18/22 10:27 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/21/22 08:52 AM	103611
2201122-34A	B12(3-4)SO	01/18/22 10:31 AM	Soil	D2216	Moisture Preparation	02/01/22 02:38 PM	103790
	B12(3-4)SO	01/18/22 10:31 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	02/01/22 09:01 AM	103774
2201122-35A	B16(1-2)SO	01/18/22 10:46 AM	Soil	D2216	Moisture Preparation	01/21/22 03:25 PM	103605
	B16(1-2)SO	01/18/22 10:46 AM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/21/22 08:52 AM	103611
2201122-37A	B21(1-2)SO	01/18/22 12:20 PM	Soil	D2216	Moisture Preparation	01/21/22 03:25 PM	103605
	B21(1-2)SO	01/18/22 12:20 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/21/22 08:52 AM	103611
2201122-38A	B21(3-4)SO	01/18/22 12:25 PM	Soil	D2216	Moisture Preparation	02/01/22 02:38 PM	103790
	B21(3-4)SO	01/18/22 12:25 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	02/01/22 09:01 AM	103774

Lab Order: 2201122
Client: Stantec Consulting Services Inc.
Project: Dallas Brownfield-Fair Park Phase

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
2201122-39A	B11(1-2)SO	01/18/22 12:45 PM	Soil	D2216	Moisture Preparation	01/21/22 03:25 PM	103605
	B11(1-2)SO	01/18/22 12:45 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/21/22 08:52 AM	103611
2201122-40A	B11(3-4)SO	01/18/22 12:49 PM	Soil	D2216	Moisture Preparation	02/01/22 02:38 PM	103790
	B11(3-4)SO	01/18/22 12:49 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	02/01/22 09:01 AM	103774
2201122-41A	B20(1-2)SO	01/18/22 01:05 PM	Soil	D2216	Moisture Preparation	01/21/22 03:25 PM	103605
	B20(1-2)SO	01/18/22 01:05 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/21/22 08:53 AM	103612
2201122-43A	B15(1-2)SO	01/18/22 01:26 PM	Soil	D2216	Moisture Preparation	01/21/22 03:25 PM	103605
	B15(1-2)SO	01/18/22 01:26 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/21/22 08:53 AM	103612
2201122-45A	DUP02	01/18/22 04:00 PM	Soil	D2216	Moisture Preparation	01/21/22 03:25 PM	103605
	DUP02	01/18/22 04:00 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/21/22 08:53 AM	103612
2201122-46A	DUP03	01/18/22 05:00 PM	Soil	D2216	Moisture Preparation	01/24/22 04:11 PM	103651
	DUP03	01/18/22 05:00 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/21/22 08:53 AM	103612
2201122-47A	DUP04	01/18/22 06:00 PM	Soil	D2216	Moisture Preparation	01/24/22 04:11 PM	103651
	DUP04	01/18/22 06:00 PM	Soil	SW3050B	Soil Prep Total Metals: ICP-MS	01/21/22 08:53 AM	103612

Lab Order: 2201122
Client: Stantec Consulting Services Inc.
Project: Dallas Brownfield-Fair Park Phase

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
2201122-01A	B13(1-2)SO	Soil	D2216	Percent Moisture	103589	1	01/20/22 08:58 AM	PMOIST_220119A
	B13(1-2)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103611	5	01/24/22 01:37 PM	ICP-MS4_220124C
2201122-02A	B13(3-4)SO	Soil	D2216	Percent Moisture	103790	1	02/02/22 10:12 AM	PMOIST_220201A
	B13(3-4)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103774	5	02/02/22 01:04 PM	ICP-MS4_220202A
2201122-03A	B17(1-2)SO	Soil	SW8270E-LL	PAHs: GC/MS	103577	1	01/20/22 12:25 PM	GCMS6_220119A
	B17(1-2)SO	Soil	D2216	Percent Moisture	103589	1	01/20/22 08:58 AM	PMOIST_220119A
	B17(1-2)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103611	5	01/24/22 01:39 PM	ICP-MS4_220124C
2201122-05A	B18(1-2)SO	Soil	D2216	Percent Moisture	103589	1	01/20/22 08:58 AM	PMOIST_220119A
	B18(1-2)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103611	5	01/24/22 01:41 PM	ICP-MS4_220124C
2201122-06A	B18(3-4)SO	Soil	D2216	Percent Moisture	103790	1	02/02/22 10:12 AM	PMOIST_220201A
	B18(3-4)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103774	5	02/02/22 12:18 PM	ICP-MS4_220202A
2201122-07A	B19(1-2)SO	Soil	D2216	Percent Moisture	103589	1	01/20/22 08:58 AM	PMOIST_220119A
	B19(1-2)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103611	5	01/24/22 01:43 PM	ICP-MS4_220124C
2201122-09A	B09(1-2)SO	Soil	SW8270E-LL	PAHs: GC/MS	103577	1	01/20/22 12:55 PM	GCMS6_220119A
	B09(1-2)SO	Soil	D2216	Percent Moisture	103589	1	01/20/22 08:58 AM	PMOIST_220119A
	B09(1-2)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103611	5	01/24/22 01:45 PM	ICP-MS4_220124C
2201122-10A	B09(3-4)SO	Soil	D2216	Percent Moisture	103790	1	02/02/22 10:12 AM	PMOIST_220201A
	B09(3-4)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103774	5	02/02/22 01:06 PM	ICP-MS4_220202A
2201122-11A	B14(1-2)SO	Soil	D2216	Percent Moisture	103589	1	01/20/22 08:58 AM	PMOIST_220119A
	B14(1-2)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103611	5	01/24/22 01:47 PM	ICP-MS4_220124C
2201122-13A	B10(1-2)SO	Soil	SW8270E-LL	PAHs: GC/MS	103577	1	01/20/22 01:24 PM	GCMS6_220119A
	B10(1-2)SO	Soil	D2216	Percent Moisture	103589	1	01/20/22 08:58 AM	PMOIST_220119A
	B10(1-2)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103611	5	01/24/22 01:49 PM	ICP-MS4_220124C
2201122-15A	B06(1-2)SO	Soil	D2216	Percent Moisture	103589	1	01/20/22 08:58 AM	PMOIST_220119A
	B06(1-2)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103611	5	01/24/22 01:51 PM	ICP-MS4_220124C
2201122-16A	B06(3-4)SO	Soil	D2216	Percent Moisture	103790	1	02/02/22 10:12 AM	PMOIST_220201A
	B06(3-4)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103774	5	02/02/22 01:08 PM	ICP-MS4_220202A
2201122-17A	B05(1-2)SO	Soil	D2216	Percent Moisture	103605	1	01/24/22 08:51 AM	PMOIST_220121A

Lab Order: 2201122
Client: Stantec Consulting Services Inc.
Project: Dallas Brownfield-Fair Park Phase

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
2201122-17A	B05(1-2)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103611	5	01/24/22 01:53 PM	ICP-MS4_220124C
2201122-19A	B01(1-2)SO	Soil	D2216	Percent Moisture	103605	1	01/24/22 08:51 AM	PMOIST_220121A
	B01(1-2)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103611	5	01/24/22 01:33 PM	ICP-MS4_220124C
2201122-21A	DUP01	Soil	D2216	Percent Moisture	103605	1	01/24/22 08:51 AM	PMOIST_220121A
	DUP01	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103611	5	01/24/22 02:09 PM	ICP-MS4_220124C
2201122-22A	EB-011822	Equip Blank	SW6020B	Trace Metals: ICP-MS - Water	103636	1	01/25/22 01:12 PM	ICP-MS5_220125B
2201122-23A	B02(1-2)SO	Soil	D2216	Percent Moisture	103605	1	01/24/22 08:51 AM	PMOIST_220121A
	B02(1-2)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103611	5	01/24/22 02:11 PM	ICP-MS4_220124C
2201122-25A	B03(1-2)SO	Soil	D2216	Percent Moisture	103605	1	01/24/22 08:51 AM	PMOIST_220121A
	B03(1-2)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103611	5	01/24/22 02:13 PM	ICP-MS4_220124C
2201122-27A	B04(1-2)SO	Soil	D2216	Percent Moisture	103605	1	01/24/22 08:51 AM	PMOIST_220121A
	B04(1-2)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103611	5	01/24/22 02:15 PM	ICP-MS4_220124C
2201122-29A	B08(1-2)SO	Soil	D2216	Percent Moisture	103605	1	01/24/22 08:51 AM	PMOIST_220121A
	B08(1-2)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103611	5	01/24/22 02:17 PM	ICP-MS4_220124C
2201122-30A	B08(3-4)SO	Soil	D2216	Percent Moisture	103790	1	02/02/22 10:12 AM	PMOIST_220201A
	B08(3-4)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103774	5	02/02/22 01:10 PM	ICP-MS4_220202A
2201122-31A	B07(1-2)SO	Soil	D2216	Percent Moisture	103605	1	01/24/22 08:51 AM	PMOIST_220121A
	B07(1-2)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103611	5	01/24/22 02:19 PM	ICP-MS4_220124C
2201122-33A	B12(1-2)SO	Soil	D2216	Percent Moisture	103605	1	01/24/22 08:51 AM	PMOIST_220121A
	B12(1-2)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103611	5	01/24/22 02:21 PM	ICP-MS4_220124C
2201122-34A	B12(3-4)SO	Soil	D2216	Percent Moisture	103790	1	02/02/22 10:12 AM	PMOIST_220201A
	B12(3-4)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103774	5	02/02/22 01:12 PM	ICP-MS4_220202A
2201122-35A	B16(1-2)SO	Soil	D2216	Percent Moisture	103605	1	01/24/22 08:51 AM	PMOIST_220121A
	B16(1-2)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103611	5	01/24/22 02:23 PM	ICP-MS4_220124C
2201122-37A	B21(1-2)SO	Soil	D2216	Percent Moisture	103605	1	01/24/22 08:51 AM	PMOIST_220121A
	B21(1-2)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103611	5	01/24/22 02:25 PM	ICP-MS4_220124C
2201122-38A	B21(3-4)SO	Soil	D2216	Percent Moisture	103790	1	02/02/22 10:12 AM	PMOIST_220201A
	B21(3-4)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103774	5	02/02/22 01:14 PM	ICP-MS4_220202A

Lab Order: 2201122
Client: Stantec Consulting Services Inc.
Project: Dallas Brownfield-Fair Park Phase

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
2201122-39A	B11(1-2)SO	Soil	D2216	Percent Moisture	103605	1	01/24/22 08:51 AM	PMOIST_220121A
	B11(1-2)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103611	5	01/24/22 02:27 PM	ICP-MS4_220124C
2201122-40A	B11(3-4)SO	Soil	D2216	Percent Moisture	103790	1	02/02/22 10:12 AM	PMOIST_220201A
	B11(3-4)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103774	5	02/02/22 01:16 PM	ICP-MS4_220202A
2201122-41A	B20(1-2)SO	Soil	D2216	Percent Moisture	103605	1	01/24/22 08:51 AM	PMOIST_220121A
	B20(1-2)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103612	5	01/24/22 03:49 PM	ICP-MS5_220124D
2201122-43A	B15(1-2)SO	Soil	D2216	Percent Moisture	103605	1	01/24/22 08:51 AM	PMOIST_220121A
	B15(1-2)SO	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103612	5	01/24/22 04:54 PM	ICP-MS5_220124D
2201122-45A	DUP02	Soil	D2216	Percent Moisture	103605	1	01/24/22 08:51 AM	PMOIST_220121A
	DUP02	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103612	5	01/24/22 04:56 PM	ICP-MS5_220124D
2201122-46A	DUP03	Soil	D2216	Percent Moisture	103651	1	01/25/22 09:56 AM	PMOIST_220124A
	DUP03	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103612	5	01/24/22 04:59 PM	ICP-MS5_220124D
2201122-47A	DUP04	Soil	D2216	Percent Moisture	103651	1	01/25/22 09:56 AM	PMOIST_220124A
	DUP04	Soil	SW6020B	Trace Metals: ICP-MS - Solid	103612	5	01/24/22 05:01 PM	ICP-MS5_220124D

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B13(1-2)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-01
Project No:	185751311	**Collection Date:**	01/17/22 09:00 AM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	169	0.122	0.367		mg/Kg-dry	5	01/24/22 01:37 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	19.9	0	0		WT%	1	01/20/22 08:58 AM

Qualifiers:

ND - Not Detected at the SDL
J - Analyte detected between SDL and RL
B - Analyte detected in the associated Method Blank
DF- Dilution Factor
N - Parameter not NELAP certified
See Final Page of Report for MQLs and MDLs
S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B13(3-4)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-02
Project No:	185751311	**Collection Date:**	01/17/22 09:05 AM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	66.6	0.104	0.311		mg/Kg-dry	5	02/02/22 01:04 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	14.6	0	0		WT%	1	02/02/22 10:12 AM

Qualifiers:

ND - Not Detected at the SDL
J - Analyte detected between SDL and RL
B - Analyte detected in the associated Method Blank
DF- Dilution Factor
N - Parameter not NELAP certified
See Final Page of Report for MQLs and MDLs
S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B17(1-2)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-03
Project No:	185751311	**Collection Date:**	01/17/22 09:27 AM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	7.10	0.107	0.320		mg/Kg-dry	5	01/24/22 01:39 PM
PAHS: GC/MS		**SW8270E-LL**					Analyst: **RBW**
Acenaphthene	<0.00566	0.00566	0.0113		mg/Kg-dry	1	01/20/22 12:25 PM
Acenaphthylene	<0.00566	0.00566	0.0113		mg/Kg-dry	1	01/20/22 12:25 PM
Anthracene	<0.00566	0.00566	0.0113		mg/Kg-dry	1	01/20/22 12:25 PM
Benzo[a]anthracene	<0.00566	0.00566	0.0113		mg/Kg-dry	1	01/20/22 12:25 PM
Benzo[a]pyrene	<0.00566	0.00566	0.0113		mg/Kg-dry	1	01/20/22 12:25 PM
Benzo[b]fluoranthene	<0.00566	0.00566	0.0113		mg/Kg-dry	1	01/20/22 12:25 PM
Benzo[g,h,i]perylene	<0.00566	0.00566	0.0113		mg/Kg-dry	1	01/20/22 12:25 PM
Benzo[k]fluoranthene	<0.00566	0.00566	0.0113		mg/Kg-dry	1	01/20/22 12:25 PM
Chrysene	<0.00566	0.00566	0.0113		mg/Kg-dry	1	01/20/22 12:25 PM
Dibenz[a,h]anthracene	<0.00566	0.00566	0.0113		mg/Kg-dry	1	01/20/22 12:25 PM
Fluoranthene	<0.00566	0.00566	0.0113		mg/Kg-dry	1	01/20/22 12:25 PM
Fluorene	<0.00566	0.00566	0.0113		mg/Kg-dry	1	01/20/22 12:25 PM
Indeno[1,2,3-cd]pyrene	<0.00566	0.00566	0.0113		mg/Kg-dry	1	01/20/22 12:25 PM
Naphthalene	<0.00566	0.00566	0.0113		mg/Kg-dry	1	01/20/22 12:25 PM
Phenanthrene	<0.00566	0.00566	0.0113		mg/Kg-dry	1	01/20/22 12:25 PM
Pyrene	<0.00566	0.00566	0.0113		mg/Kg-dry	1	01/20/22 12:25 PM
Surr: 2-Fluorobiphenyl	75.8	0	43-125		%REC	1	01/20/22 12:25 PM
Surr: 4-Terphenyl-d14	84.5	0	32-125		%REC	1	01/20/22 12:25 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	13.3	0	0		WT%	1	01/20/22 08:58 AM

Qualifiers:

- ND - Not Detected at the SDL
- J - Analyte detected between SDL and RL
- B - Analyte detected in the associated Method Blank
- DF- Dilution Factor
- N - Parameter not NELAP certified
- S - Spike Recovery outside control limits
- C - Sample Result or QC discussed in Case Narrative
- RL - Reporting Limit (MQL adjusted for moisture and sample size)
- SDL - Sample Detection Limit
- E - TPH pattern not Gas or Diesel Range Pattern

See Final Page of Report for MQLs and MDLs

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B18(1-2)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-05
Project No:	185751311	**Collection Date:**	01/17/22 10:18 AM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	22.2	0.108	0.324		mg/Kg-dry	5	01/24/22 01:41 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	14.2	0	0		WT%	1	01/20/22 08:58 AM

Qualifiers:

- ND - Not Detected at the SDL
- J - Analyte detected between SDL and RL
- B - Analyte detected in the associated Method Blank
- DF- Dilution Factor
- N - Parameter not NELAP certified
- See Final Page of Report for MQLs and MDLs
- S - Spike Recovery outside control limits
- C - Sample Result or QC discussed in Case Narrative
- RL - Reporting Limit (MQL adjusted for moisture and sample size)
- SDL - Sample Detection Limit
- E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B18(3-4)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-06
Project No:	185751311	**Collection Date:**	01/17/22 10:27 AM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	10.1	0.106	0.317		mg/Kg-dry	5	02/02/22 12:18 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	9.76	0	0		WT%	1	02/02/22 10:12 AM

Qualifiers:

- ND - Not Detected at the SDL
- J - Analyte detected between SDL and RL
- B - Analyte detected in the associated Method Blank
- DF- Dilution Factor
- N - Parameter not NELAP certified
- See Final Page of Report for MQLs and MDLs
- S - Spike Recovery outside control limits
- C - Sample Result or QC discussed in Case Narrative
- RL - Reporting Limit (MQL adjusted for moisture and sample size)
- SDL - Sample Detection Limit
- E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B19(1-2)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-07
Project No:	185751311	**Collection Date:**	01/17/22 10:41 AM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	5.33	0.101	0.304		mg/Kg-dry	5	01/24/22 01:43 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	9.60	0	0		WT%	1	01/20/22 08:58 AM

Qualifiers:

ND - Not Detected at the SDL
J - Analyte detected between SDL and RL
B - Analyte detected in the associated Method Blank
DF- Dilution Factor
N - Parameter not NELAP certified
See Final Page of Report for MQLs and MDLs
S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B09(1-2)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-09
Project No:	185751311	**Collection Date:**	01/17/22 11:11 AM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	20.0	0.118	0.354		mg/Kg-dry	5	01/24/22 01:45 PM
PAHS: GC/MS		**SW8270E-LL**					Analyst: **RBW**
Acenaphthene	<0.00622	0.00622	0.0124		mg/Kg-dry	1	01/20/22 12:55 PM
Acenaphthylene	<0.00622	0.00622	0.0124		mg/Kg-dry	1	01/20/22 12:55 PM
Anthracene	<0.00622	0.00622	0.0124		mg/Kg-dry	1	01/20/22 12:55 PM
Benzo[a]anthracene	<0.00622	0.00622	0.0124		mg/Kg-dry	1	01/20/22 12:55 PM
Benzo[a]pyrene	0.00662	0.00622	0.0124	J	mg/Kg-dry	1	01/20/22 12:55 PM
Benzo[b]fluoranthene	<0.00622	0.00622	0.0124		mg/Kg-dry	1	01/20/22 12:55 PM
Benzo[g,h,i]perylene	<0.00622	0.00622	0.0124		mg/Kg-dry	1	01/20/22 12:55 PM
Benzo[k]fluoranthene	<0.00622	0.00622	0.0124		mg/Kg-dry	1	01/20/22 12:55 PM
Chrysene	<0.00622	0.00622	0.0124		mg/Kg-dry	1	01/20/22 12:55 PM
Dibenz[a,h]anthracene	<0.00622	0.00622	0.0124		mg/Kg-dry	1	01/20/22 12:55 PM
Fluoranthene	<0.00622	0.00622	0.0124		mg/Kg-dry	1	01/20/22 12:55 PM
Fluorene	<0.00622	0.00622	0.0124		mg/Kg-dry	1	01/20/22 12:55 PM
Indeno[1,2,3-cd]pyrene	<0.00622	0.00622	0.0124		mg/Kg-dry	1	01/20/22 12:55 PM
Naphthalene	<0.00622	0.00622	0.0124		mg/Kg-dry	1	01/20/22 12:55 PM
Phenanthrene	<0.00622	0.00622	0.0124		mg/Kg-dry	1	01/20/22 12:55 PM
Pyrene	<0.00622	0.00622	0.0124		mg/Kg-dry	1	01/20/22 12:55 PM
Surr: 2-Fluorobiphenyl	78.0	0	43-125		%REC	1	01/20/22 12:55 PM
Surr: 4-Terphenyl-d14	90.4	0	32-125		%REC	1	01/20/22 12:55 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	21.6	0	0		WT%	1	01/20/22 08:58 AM

Qualifiers:

- ND - Not Detected at the SDL
- J - Analyte detected between SDL and RL
- B - Analyte detected in the associated Method Blank
- DF- Dilution Factor
- N - Parameter not NELAP certified
- See Final Page of Report for MQLs and MDLs
- S - Spike Recovery outside control limits
- C - Sample Result or QC discussed in Case Narrative
- RL - Reporting Limit (MQL adjusted for moisture and sample size)
- SDL - Sample Detection Limit
- E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B09(3-4)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-10
Project No:	185751311	**Collection Date:**	01/17/22 11:16 AM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	12.2	0.112	0.336		mg/Kg-dry	5	02/02/22 01:06 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	13.4	0	0		WT%	1	02/02/22 10:12 AM

Qualifiers:

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- J - Analyte detected between SDL and RL
- B - Analyte detected in the associated Method Blank
- DF- Dilution Factor
- N - Parameter not NELAP certified
- See Final Page of Report for MQLs and MDLs
- S - Spike Recovery outside control limits
- C - Sample Result or QC discussed in Case Narrative
- RL - Reporting Limit (MQL adjusted for moisture and sample size)
- SDL - Sample Detection Limit
- E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B14(1-2)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-11
Project No:	185751311	**Collection Date:**	01/17/22 12:50 PM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	11.8	0.114	0.341		mg/Kg-dry	5	01/24/22 01:47 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	17.9	0	0		WT%	1	01/20/22 08:58 AM

Qualifiers:

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- J - Analyte detected between SDL and RL
- B - Analyte detected in the associated Method Blank
- DF- Dilution Factor
- N - Parameter not NELAP certified
- See Final Page of Report for MQLs and MDLs
- S - Spike Recovery outside control limits
- C - Sample Result or QC discussed in Case Narrative
- RL - Reporting Limit (MQL adjusted for moisture and sample size)
- SDL - Sample Detection Limit
- E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B10(1-2)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-13
Project No:	185751311	**Collection Date:**	01/17/22 01:10 PM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	7.80	0.112	0.335		mg/Kg-dry	5	01/24/22 01:49 PM
PAHS: GC/MS		**SW8270E-LL**					Analyst: **RBW**
Acenaphthene	<0.00559	0.00559	0.0112		mg/Kg-dry	1	01/20/22 01:24 PM
Acenaphthylene	<0.00559	0.00559	0.0112		mg/Kg-dry	1	01/20/22 01:24 PM
Anthracene	<0.00559	0.00559	0.0112		mg/Kg-dry	1	01/20/22 01:24 PM
Benzo[a]anthracene	<0.00559	0.00559	0.0112		mg/Kg-dry	1	01/20/22 01:24 PM
Benzo[a]pyrene	<0.00559	0.00559	0.0112		mg/Kg-dry	1	01/20/22 01:24 PM
Benzo[b]fluoranthene	<0.00559	0.00559	0.0112		mg/Kg-dry	1	01/20/22 01:24 PM
Benzo[g,h,i]perylene	<0.00559	0.00559	0.0112		mg/Kg-dry	1	01/20/22 01:24 PM
Benzo[k]fluoranthene	<0.00559	0.00559	0.0112		mg/Kg-dry	1	01/20/22 01:24 PM
Chrysene	<0.00559	0.00559	0.0112		mg/Kg-dry	1	01/20/22 01:24 PM
Dibenz[a,h]anthracene	<0.00559	0.00559	0.0112		mg/Kg-dry	1	01/20/22 01:24 PM
Fluoranthene	<0.00559	0.00559	0.0112		mg/Kg-dry	1	01/20/22 01:24 PM
Fluorene	<0.00559	0.00559	0.0112		mg/Kg-dry	1	01/20/22 01:24 PM
Indeno[1,2,3-cd]pyrene	<0.00559	0.00559	0.0112		mg/Kg-dry	1	01/20/22 01:24 PM
Naphthalene	<0.00559	0.00559	0.0112		mg/Kg-dry	1	01/20/22 01:24 PM
Phenanthrene	<0.00559	0.00559	0.0112		mg/Kg-dry	1	01/20/22 01:24 PM
Pyrene	<0.00559	0.00559	0.0112		mg/Kg-dry	1	01/20/22 01:24 PM
Surr: 2-Fluorobiphenyl	78.1	0	43-125		%REC	1	01/20/22 01:24 PM
Surr: 4-Terphenyl-d14	86.2	0	32-125		%REC	1	01/20/22 01:24 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	16.3	0	0		WT%	1	01/20/22 08:58 AM

Qualifiers:

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DF- Dilution Factor
N - Parameter not NELAP certified
See Final Page of Report for MQLs and MDLs
S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B06(1-2)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-15
Project No:	185751311	**Collection Date:**	01/17/22 01:30 PM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	58.2	0.111	0.334		mg/Kg-dry	5	01/24/22 01:51 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	18.3	0	0		WT%	1	01/20/22 08:58 AM

Qualifiers:

- ND - Not Detected at the SDL
- J - Analyte detected between SDL and RL
- B - Analyte detected in the associated Method Blank
- DF- Dilution Factor
- N - Parameter not NELAP certified
- See Final Page of Report for MQLs and MDLs
- S - Spike Recovery outside control limits
- C - Sample Result or QC discussed in Case Narrative
- RL - Reporting Limit (MQL adjusted for moisture and sample size)
- SDL - Sample Detection Limit
- E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B06(3-4)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-16
Project No:	185751311	**Collection Date:**	01/17/22 01:34 PM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	27.3	0.111	0.334		mg/Kg-dry	5	02/02/22 01:08 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	23.9	0	0		WT%	1	02/02/22 10:12 AM

Qualifiers:

- ND - Not Detected at the SDL
- J - Analyte detected between SDL and RL
- B - Analyte detected in the associated Method Blank
- DF- Dilution Factor
- N - Parameter not NELAP certified
- See Final Page of Report for MQLs and MDLs
- S - Spike Recovery outside control limits
- C - Sample Result or QC discussed in Case Narrative
- RL - Reporting Limit (MQL adjusted for moisture and sample size)
- SDL - Sample Detection Limit
- E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B05(1-2)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-17
Project No:	185751311	**Collection Date:**	01/17/22 01:56 PM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	7.80	0.102	0.306		mg/Kg-dry	5	01/24/22 01:53 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	11.6	0	0		WT%	1	01/24/22 08:51 AM

Qualifiers:

- ND - Not Detected at the SDL
- J - Analyte detected between SDL and RL
- B - Analyte detected in the associated Method Blank
- DF- Dilution Factor
- N - Parameter not NELAP certified
- See Final Page of Report for MQLs and MDLs
- S - Spike Recovery outside control limits
- C - Sample Result or QC discussed in Case Narrative
- RL - Reporting Limit (MQL adjusted for moisture and sample size)
- SDL - Sample Detection Limit
- E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B01(1-2)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-19
Project No:	185751311	**Collection Date:**	01/17/22 02:15 PM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	8.13	0.102	0.307		mg/Kg-dry	5	01/24/22 01:33 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	12.6	0	0		WT%	1	01/24/22 08:51 AM

Qualifiers:

- ND - Not Detected at the SDL
- J - Analyte detected between SDL and RL
- B - Analyte detected in the associated Method Blank
- DF- Dilution Factor
- N - Parameter not NELAP certified
- See Final Page of Report for MQLs and MDLs
- S - Spike Recovery outside control limits
- C - Sample Result or QC discussed in Case Narrative
- RL - Reporting Limit (MQL adjusted for moisture and sample size)
- SDL - Sample Detection Limit
- E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	DUP01
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-21
Project No:	185751311	**Collection Date:**	01/17/22 02:00 PM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	9.40	0.117	0.351		mg/Kg-dry	5	01/24/22 02:09 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	17.9	0	0		WT%	1	01/24/22 08:51 AM

Qualifiers:

ND - Not Detected at the SDL
J - Analyte detected between SDL and RL
B - Analyte detected in the associated Method Blank
DF- Dilution Factor
N - Parameter not NELAP certified
See Final Page of Report for MQLs and MDLs
S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	EB-011822
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-22
Project No:	185751311	**Collection Date:**	01/18/22 08:00 AM
Lab Order:	2201122	**Matrix:**	EQUIP BLANK

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - WATER		**SW6020B**					Analyst: **SP**
Lead	0.000494	0.000300	0.00100	J	mg/L	1	01/25/22 01:12 PM

Qualifiers:

- ND - Not Detected at the SDL
- J - Analyte detected between SDL and RL
- B - Analyte detected in the associated Method Blank
- DF- Dilution Factor
- N - Parameter not NELAP certified
- See Final Page of Report for MQLs and MDLs
- S - Spike Recovery outside control limits
- C - Sample Result or QC discussed in Case Narrative
- RL - Reporting Limit (MQL adjusted for moisture and sample size)
- SDL - Sample Detection Limit
- E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B02(1-2)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-23
Project No:	185751311	**Collection Date:**	01/18/22 08:50 AM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	3.01	0.103	0.308		mg/Kg-dry	5	01/24/22 02:11 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	8.96	0	0		WT%	1	01/24/22 08:51 AM

Qualifiers:

ND - Not Detected at the SDL
J - Analyte detected between SDL and RL
B - Analyte detected in the associated Method Blank
DF- Dilution Factor
N - Parameter not NELAP certified
See Final Page of Report for MQLs and MDLs
S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B03(1-2)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-25
Project No:	185751311	**Collection Date:**	01/18/22 09:05 AM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	10.5	0.127	0.382		mg/Kg-dry	5	01/24/22 02:13 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	28.6	0	0		WT%	1	01/24/22 08:51 AM

Qualifiers:

- ND - Not Detected at the SDL
- J - Analyte detected between SDL and RL
- B - Analyte detected in the associated Method Blank
- DF- Dilution Factor
- N - Parameter not NELAP certified
- See Final Page of Report for MQLs and MDLs
- S - Spike Recovery outside control limits
- C - Sample Result or QC discussed in Case Narrative
- RL - Reporting Limit (MQL adjusted for moisture and sample size)
- SDL - Sample Detection Limit
- E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B04(1-2)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-27
Project No:	185751311	**Collection Date:**	01/18/22 09:25 AM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	13.9	0.109	0.326		mg/Kg-dry	5	01/24/22 02:15 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	14.1	0	0		WT%	1	01/24/22 08:51 AM

Qualifiers:

- ND - Not Detected at the SDL
- J - Analyte detected between SDL and RL
- B - Analyte detected in the associated Method Blank
- DF- Dilution Factor
- N - Parameter not NELAP certified
- See Final Page of Report for MQLs and MDLs
- S - Spike Recovery outside control limits
- C - Sample Result or QC discussed in Case Narrative
- RL - Reporting Limit (MQL adjusted for moisture and sample size)
- SDL - Sample Detection Limit
- E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B08(1-2)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-29
Project No:	185751311	**Collection Date:**	01/18/22 09:43 AM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	23.3	0.125	0.375		mg/Kg-dry	5	01/24/22 02:17 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	25.9	0	0		WT%	1	01/24/22 08:51 AM

Qualifiers:

ND - Not Detected at the SDL
J - Analyte detected between SDL and RL
B - Analyte detected in the associated Method Blank
DF- Dilution Factor
N - Parameter not NELAP certified
See Final Page of Report for MQLs and MDLs
S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B08(3-4)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-30
Project No:	185751311	**Collection Date:**	01/18/22 09:51 AM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	16.3	0.124	0.373		mg/Kg-dry	5	02/02/22 01:10 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	24.1	0	0		WT%	1	02/02/22 10:12 AM

Qualifiers:

ND - Not Detected at the SDL
J - Analyte detected between SDL and RL
B - Analyte detected in the associated Method Blank
DF- Dilution Factor
N - Parameter not NELAP certified
See Final Page of Report for MQLs and MDLs
S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B07(1-2)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-31
Project No:	185751311	**Collection Date:**	01/18/22 10:05 AM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	11.4	0.102	0.305		mg/Kg-dry	5	01/24/22 02:19 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	16.1	0	0		WT%	1	01/24/22 08:51 AM

Qualifiers:

- ND - Not Detected at the SDL
- J - Analyte detected between SDL and RL
- B - Analyte detected in the associated Method Blank
- DF- Dilution Factor
- N - Parameter not NELAP certified
- See Final Page of Report for MQLs and MDLs
- S - Spike Recovery outside control limits
- C - Sample Result or QC discussed in Case Narrative
- RL - Reporting Limit (MQL adjusted for moisture and sample size)
- SDL - Sample Detection Limit
- E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B12(1-2)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-33
Project No:	185751311	**Collection Date:**	01/18/22 10:27 AM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	16.4	0.114	0.341		mg/Kg-dry	5	01/24/22 02:21 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	16.1	0	0		WT%	1	01/24/22 08:51 AM

Qualifiers:

ND - Not Detected at the SDL
J - Analyte detected between SDL and RL
B - Analyte detected in the associated Method Blank
DF- Dilution Factor
N - Parameter not NELAP certified
See Final Page of Report for MQLs and MDLs
S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B12(3-4)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-34
Project No:	185751311	**Collection Date:**	01/18/22 10:31 AM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	17.7	0.116	0.347		mg/Kg-dry	5	02/02/22 01:12 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	16.2	0	0		WT%	1	02/02/22 10:12 AM

Qualifiers:

- ND - Not Detected at the SDL
- J - Analyte detected between SDL and RL
- B - Analyte detected in the associated Method Blank
- DF- Dilution Factor
- N - Parameter not NELAP certified
- See Final Page of Report for MQLs and MDLs
- S - Spike Recovery outside control limits
- C - Sample Result or QC discussed in Case Narrative
- RL - Reporting Limit (MQL adjusted for moisture and sample size)
- SDL - Sample Detection Limit
- E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B16(1-2)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-35
Project No:	185751311	**Collection Date:**	01/18/22 10:46 AM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	11.4	0.114	0.341		mg/Kg-dry	5	01/24/22 02:23 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	19.4	0	0		WT%	1	01/24/22 08:51 AM

Qualifiers:

- ND - Not Detected at the SDL
- J - Analyte detected between SDL and RL
- B - Analyte detected in the associated Method Blank
- DF- Dilution Factor
- N - Parameter not NELAP certified
- See Final Page of Report for MQLs and MDLs
- S - Spike Recovery outside control limits
- C - Sample Result or QC discussed in Case Narrative
- RL - Reporting Limit (MQL adjusted for moisture and sample size)
- SDL - Sample Detection Limit
- E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B21(1-2)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-37
Project No:	185751311	**Collection Date:**	01/18/22 12:20 PM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	17.8	0.125	0.376		mg/Kg-dry	5	01/24/22 02:25 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	25.4	0	0		WT%	1	01/24/22 08:51 AM

Qualifiers:

ND - Not Detected at the SDL
J - Analyte detected between SDL and RL
B - Analyte detected in the associated Method Blank
DF- Dilution Factor
N - Parameter not NELAP certified
See Final Page of Report for MQLs and MDLs
S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B21(3-4)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-38
Project No:	185751311	**Collection Date:**	01/18/22 12:25 PM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	16.4	0.121	0.364		mg/Kg-dry	5	02/02/22 01:14 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	25.0	0	0		WT%	1	02/02/22 10:12 AM

Qualifiers:

- ND - Not Detected at the SDL
- J - Analyte detected between SDL and RL
- B - Analyte detected in the associated Method Blank
- DF- Dilution Factor
- N - Parameter not NELAP certified
- See Final Page of Report for MQLs and MDLs
- S - Spike Recovery outside control limits
- C - Sample Result or QC discussed in Case Narrative
- RL - Reporting Limit (MQL adjusted for moisture and sample size)
- SDL - Sample Detection Limit
- E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B11(1-2)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-39
Project No:	185751311	**Collection Date:**	01/18/22 12:45 PM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	16.4	0.124	0.372		mg/Kg-dry	5	01/24/22 02:27 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	20.9	0	0		WT%	1	01/24/22 08:51 AM

Qualifiers:

- ND - Not Detected at the SDL
- J - Analyte detected between SDL and RL
- B - Analyte detected in the associated Method Blank
- DF- Dilution Factor
- N - Parameter not NELAP certified
- See Final Page of Report for MQLs and MDLs
- S - Spike Recovery outside control limits
- C - Sample Result or QC discussed in Case Narrative
- RL - Reporting Limit (MQL adjusted for moisture and sample size)
- SDL - Sample Detection Limit
- E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B11(3-4)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-40
Project No:	185751311	**Collection Date:**	01/18/22 12:49 PM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	10.0	0.102	0.307		mg/Kg-dry	5	02/02/22 01:16 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	17.1	0	0		WT%	1	02/02/22 10:12 AM

Qualifiers:

- ND - Not Detected at the SDL
- J - Analyte detected between SDL and RL
- B - Analyte detected in the associated Method Blank
- DF- Dilution Factor
- N - Parameter not NELAP certified
- See Final Page of Report for MQLs and MDLs
- S - Spike Recovery outside control limits
- C - Sample Result or QC discussed in Case Narrative
- RL - Reporting Limit (MQL adjusted for moisture and sample size)
- SDL - Sample Detection Limit
- E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B20(1-2)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-41
Project No:	185751311	**Collection Date:**	01/18/22 01:05 PM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	12.6	0.111	0.332		mg/Kg-dry	5	01/24/22 03:49 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	21.4	0	0		WT%	1	01/24/22 08:51 AM

Qualifiers:

ND - Not Detected at the SDL
J - Analyte detected between SDL and RL
B - Analyte detected in the associated Method Blank
DF- Dilution Factor
N - Parameter not NELAP certified
See Final Page of Report for MQLs and MDLs
S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	B15(1-2)SO
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-43
Project No:	185751311	**Collection Date:**	01/18/22 01:26 PM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	13.8	0.113	0.340		mg/Kg-dry	5	01/24/22 04:54 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	25.9	0	0		WT%	1	01/24/22 08:51 AM

Qualifiers:

- ND - Not Detected at the SDL
- J - Analyte detected between SDL and RL
- B - Analyte detected in the associated Method Blank
- DF- Dilution Factor
- N - Parameter not NELAP certified
- See Final Page of Report for MQLs and MDLs
- S - Spike Recovery outside control limits
- C - Sample Result or QC discussed in Case Narrative
- RL - Reporting Limit (MQL adjusted for moisture and sample size)
- SDL - Sample Detection Limit
- E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	DUP02
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-45
Project No:	185751311	**Collection Date:**	01/18/22 04:00 PM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	20.8	0.124	0.372		mg/Kg-dry	5	01/24/22 04:56 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	24.6	0	0		WT%	1	01/24/22 08:51 AM

Qualifiers:

- ND - Not Detected at the SDL
- J - Analyte detected between SDL and RL
- B - Analyte detected in the associated Method Blank
- DF- Dilution Factor
- N - Parameter not NELAP certified
- See Final Page of Report for MQLs and MDLs
- S - Spike Recovery outside control limits
- C - Sample Result or QC discussed in Case Narrative
- RL - Reporting Limit (MQL adjusted for moisture and sample size)
- SDL - Sample Detection Limit
- E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	DUP03
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-46
Project No:	185751311	**Collection Date:**	01/18/22 05:00 PM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	12.1	0.131	0.392		mg/Kg-dry	5	01/24/22 04:59 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	29.8	0	0		WT%	1	01/25/22 09:56 AM

Qualifiers:

ND - Not Detected at the SDL
J - Analyte detected between SDL and RL
B - Analyte detected in the associated Method Blank
DF- Dilution Factor
N - Parameter not NELAP certified
See Final Page of Report for MQLs and MDLs
S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

DHL Analytical, Inc.

Date: *04-Feb-22*

CLIENT:	Stantec Consulting Services Inc.	**Client Sample ID:**	DUP04
Project:	Dallas Brownfield-Fair Park Phase II ESA (Soil)	**Lab ID:**	2201122-47
Project No:	185751311	**Collection Date:**	01/18/22 06:00 PM
Lab Order:	2201122	**Matrix:**	SOIL

Analyses	Result	SDL	RL	Qual	Units	DF	Date Analyzed
TRACE METALS: ICP-MS - SOLID		**SW6020B**					Analyst: **SP**
Lead	14.2	0.128	0.385		mg/Kg-dry	5	01/24/22 05:01 PM
PERCENT MOISTURE		**D2216**					Analyst: **MTK**
Percent Moisture	27.2	0	0		WT%	1	01/25/22 09:56 AM

Qualifiers:

ND - Not Detected at the SDL
J - Analyte detected between SDL and RL
B - Analyte detected in the associated Method Blank
DF- Dilution Factor
N - Parameter not NELAP certified
See Final Page of Report for MQLs and MDLs
S - Spike Recovery outside control limits
C - Sample Result or QC discussed in Case Narrative
RL - Reporting Limit (MQL adjusted for moisture and sample size)
SDL - Sample Detection Limit
E - TPH pattern not Gas or Diesel Range Pattern

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201122
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS4_211027B

Sample ID: **DCS1-102518**	Batch ID: **102518**	TestNo: **SW6020B**		Units: **mg/Kg**	
SampType: **DCS**	Run ID: **ICP-MS4_211027B**	Analysis Date: **10/27/2021 10:42:00 A**		Prep Date: **10/25/2021**	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.283	0.300	0.2500	0	113	70	130	0	0	

Qualifiers:	B	Analyte detected in the associated Method Blank	DF	Dilution Factor	
	J	Analyte detected between MDL and RL	MDL	Method Detection Limit	Page 1 of 19
	ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits	
	RL	Reporting Limit	S	Spike Recovery outside control limits	
	J	Analyte detected between SDL and RL	N	Parameter not NELAP certified	

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201122
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: **ICP-MS4_220124C**

The QC data in batch 103611 applies to the following samples: 2201122-01A, 2201122-03A, 2201122-05A, 2201122-07A, 2201122-09A, 2201122-11A, 2201122-13A, 2201122-15A, 2201122-17A, 2201122-19A, 2201122-21A, 2201122-23A, 2201122-25A, 2201122-27A, 2201122-29A, 2201122-31A, 2201122-33A, 2201122-35A, 2201122-37A, 2201122-39A

Sample ID: **MB-103611** Batch ID: **103611** TestNo: **SW6020B** Units: **mg/Kg**
SampType: **MBLK** Run ID: **ICP-MS4_220124C** Analysis Date: **1/24/2022 1:25:00 PM** Prep Date: **1/21/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	<0.100	0.300								

Sample ID: **LCS-103611** Batch ID: **103611** TestNo: **SW6020B** Units: **mg/Kg**
SampType: **LCS** Run ID: **ICP-MS4_220124C** Analysis Date: **1/24/2022 1:27:00 PM** Prep Date: **1/21/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	49.0	0.300	50.00	0	98.0	80	120			

Sample ID: **LCSD-103611** Batch ID: **103611** TestNo: **SW6020B** Units: **mg/Kg**
SampType: **LCSD** Run ID: **ICP-MS4_220124C** Analysis Date: **1/24/2022 1:29:00 PM** Prep Date: **1/21/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	49.2	0.300	50.00	0	98.3	80	120	0.330	25	

Sample ID: **2201122-19A SD** Batch ID: **103611** TestNo: **SW6020B** Units: **mg/Kg-dry**
SampType: **SD** Run ID: **ICP-MS4_220124C** Analysis Date: **1/24/2022 1:35:00 PM** Prep Date: **1/21/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	8.16	1.53	0	8.127				0.452	20	

Sample ID: **2201122-19A PDS** Batch ID: **103611** TestNo: **SW6020B** Units: **mg/Kg-dry**
SampType: **PDS** Run ID: **ICP-MS4_220124C** Analysis Date: **1/24/2022 1:55:00 PM** Prep Date: **1/21/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	57.5	0.307	51.09	8.127	96.6	75	125			

Sample ID: **2201122-19A MS** Batch ID: **103611** TestNo: **SW6020B** Units: **mg/Kg-dry**
SampType: **MS** Run ID: **ICP-MS4_220124C** Analysis Date: **1/24/2022 1:58:00 PM** Prep Date: **1/21/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	59.8	0.312	52.02	8.127	99.4	75	125			

Sample ID: **2201122-19A MSD** Batch ID: **103611** TestNo: **SW6020B** Units: **mg/Kg-dry**
SampType: **MSD** Run ID: **ICP-MS4_220124C** Analysis Date: **1/24/2022 2:00:00 PM** Prep Date: **1/21/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	59.4	0.309	51.55	8.127	99.4	75	125	0.804	25	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201122
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: **ICP-MS4_220124C**

Sample ID: **ICV-220124**	Batch ID: **R118982**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **ICV**	Run ID: **ICP-MS4_220124C**	Analysis Date: **1/24/2022 10:46:00 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.0985	0.00100	0.100	0	98.5	90	110			

Sample ID: **LCVL-220124**	Batch ID: **R118982**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **LCVL**	Run ID: **ICP-MS4_220124C**	Analysis Date: **1/24/2022 10:50:00 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.00106	0.00100	0.00100	0	106	80	120			

Sample ID: **CCV3-220124**	Batch ID: **R118982**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **CCV**	Run ID: **ICP-MS4_220124C**	Analysis Date: **1/24/2022 12:53:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.190	0.00100	0.200	0	95.2	90	110			

Sample ID: **CCV4-220124**	Batch ID: **R118982**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **CCV**	Run ID: **ICP-MS4_220124C**	Analysis Date: **1/24/2022 2:02:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.196	0.00100	0.200	0	97.9	90	110			

Sample ID: **CCV5-220124**	Batch ID: **R118982**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **CCV**	Run ID: **ICP-MS4_220124C**	Analysis Date: **1/24/2022 2:31:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.195	0.00100	0.200	0	97.7	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201122
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS4_220202A

The QC data in batch 103774 applies to the following samples: 2201122-02A, 2201122-06A, 2201122-10A, 2201122-16A, 2201122-30A, 2201122-34A, 2201122-38A, 2201122-40A

Sample ID: **MB-103774**	Batch ID: **103774**	TestNo: **SW6020B**	Units: **mg/Kg**
SampType: **MBLK**	Run ID: **ICP-MS4_220202A**	Analysis Date: **2/2/2022 12:10:00 PM**	Prep Date: **2/1/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	<0.100	0.300								

Sample ID: **LCS-103774**	Batch ID: **103774**	TestNo: **SW6020B**	Units: **mg/Kg**
SampType: **LCS**	Run ID: **ICP-MS4_220202A**	Analysis Date: **2/2/2022 12:12:00 PM**	Prep Date: **2/1/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	49.6	0.300	50.00	0	99.1	80	120			

Sample ID: **LCSD-103774**	Batch ID: **103774**	TestNo: **SW6020B**	Units: **mg/Kg**
SampType: **LCSD**	Run ID: **ICP-MS4_220202A**	Analysis Date: **2/2/2022 12:14:00 PM**	Prep Date: **2/1/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	48.8	0.300	50.00	0	97.6	80	120	1.59	25	

Sample ID: **2201122-06A SD**	Batch ID: **103774**	TestNo: **SW6020B**	Units: **mg/Kg-dry**
SampType: **SD**	Run ID: **ICP-MS4_220202A**	Analysis Date: **2/2/2022 12:20:00 PM**	Prep Date: **2/1/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	10.3	1.58	0	10.07				2.56	20	

Sample ID: **2201122-06A PDS**	Batch ID: **103774**	TestNo: **SW6020B**	Units: **mg/Kg-dry**
SampType: **PDS**	Run ID: **ICP-MS4_220202A**	Analysis Date: **2/2/2022 12:40:00 PM**	Prep Date: **2/1/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	61.9	0.317	52.77	10.07	98.2	75	125			

Sample ID: **2201122-06A MS**	Batch ID: **103774**	TestNo: **SW6020B**	Units: **mg/Kg-dry**
SampType: **MS**	Run ID: **ICP-MS4_220202A**	Analysis Date: **2/2/2022 12:45:00 PM**	Prep Date: **2/1/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	67.0	0.320	53.28	10.07	107	75	125			

Sample ID: **2201122-06A MSD**	Batch ID: **103774**	TestNo: **SW6020B**	Units: **mg/Kg-dry**
SampType: **MSD**	Run ID: **ICP-MS4_220202A**	Analysis Date: **2/2/2022 12:52:00 PM**	Prep Date: **2/1/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	64.6	0.314	52.27	10.07	104	75	125	3.69	25	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201122
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS4_220202A

Sample ID: **ICV-220202**	Batch ID: **R119154**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **ICV**	Run ID: **ICP-MS4_220202A**	Analysis Date: **2/2/2022 10:18:00 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.100	0.00100	0.100	0	100	90	110			

Sample ID: **LCVL-220202**	Batch ID: **R119154**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **LCVL**	Run ID: **ICP-MS4_220202A**	Analysis Date: **2/2/2022 10:30:00 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.00100	0.00100	0.00100	0	100	80	120			

Sample ID: **CCV2-220202**	Batch ID: **R119154**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **CCV**	Run ID: **ICP-MS4_220202A**	Analysis Date: **2/2/2022 11:53:00 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.196	0.00100	0.200	0	97.8	90	110			

Sample ID: **CCV3-220202**	Batch ID: **R119154**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **CCV**	Run ID: **ICP-MS4_220202A**	Analysis Date: **2/2/2022 12:56:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.196	0.00100	0.200	0	98.2	90	110			

Sample ID: **CCV4-220202**	Batch ID: **R119154**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **CCV**	Run ID: **ICP-MS4_220202A**	Analysis Date: **2/2/2022 1:20:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.198	0.00100	0.200	0	98.8	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201122
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: **ICP-MS5_211026A**

Sample ID: **DCS1-102518**	Batch ID: **102518**	TestNo: **SW6020B**	Units: **mg/Kg**		
SampType: **DCS**	Run ID: **ICP-MS5_211026A**	Analysis Date: **10/26/2021 10:53:00 A**	Prep Date: **10/25/2021**		

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.296	0.300	0.2500	0	118	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201122
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: **ICP-MS5_211101A**

Sample ID: **DCS1-102615** Batch ID: **102615** TestNo: **SW6020B** Units: **mg/L**
SampType: **DCS** Run ID: **ICP-MS5_211101A** Analysis Date: **11/1/2021 10:40:00 AM** Prep Date: **10/29/2021**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.000570	0.00100	0.000500	0	114	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201122
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS5_220124D

The QC data in batch 103612 applies to the following samples: 2201122-41A, 2201122-43A, 2201122-45A, 2201122-46A, 2201122-47A

Sample ID: **MB-103612**	Batch ID: **103612**		TestNo: **SW6020B**				Units: **mg/Kg**				
SampType: **MBLK**	Run ID: **ICP-MS5_220124D**		Analysis Date: **1/24/2022 3:38:00 PM**				Prep Date: **1/21/2022**				
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Lead	<0.100	0.300									

Sample ID: **LCS-103612**	Batch ID: **103612**		TestNo: **SW6020B**				Units: **mg/Kg**				
SampType: **LCS**	Run ID: **ICP-MS5_220124D**		Analysis Date: **1/24/2022 3:41:00 PM**				Prep Date: **1/21/2022**				
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Lead	48.8	0.300	50.00	0	97.7	80	120				

Sample ID: **LCSD-103612**	Batch ID: **103612**		TestNo: **SW6020B**				Units: **mg/Kg**				
SampType: **LCSD**	Run ID: **ICP-MS5_220124D**		Analysis Date: **1/24/2022 3:44:00 PM**				Prep Date: **1/21/2022**				
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Lead	49.2	0.300	50.00	0	98.4	80	120	0.733	25		

Sample ID: **2201122-41A SD**	Batch ID: **103612**		TestNo: **SW6020B**				Units: **mg/Kg-dry**				
SampType: **SD**	Run ID: **ICP-MS5_220124D**		Analysis Date: **1/24/2022 3:51:00 PM**				Prep Date: **1/21/2022**				
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Lead	12.1	1.66	0	12.57				3.60	20		

Sample ID: **2201122-41A PDS**	Batch ID: **103612**		TestNo: **SW6020B**				Units: **mg/Kg-dry**				
SampType: **PDS**	Run ID: **ICP-MS5_220124D**		Analysis Date: **1/24/2022 4:17:00 PM**				Prep Date: **1/21/2022**				
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Lead	66.7	0.332	55.34	12.57	97.8	75	125				

Sample ID: **2201122-41A MS**	Batch ID: **103612**		TestNo: **SW6020B**				Units: **mg/Kg-dry**				
SampType: **MS**	Run ID: **ICP-MS5_220124D**		Analysis Date: **1/24/2022 4:20:00 PM**				Prep Date: **1/21/2022**				
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Lead	104	0.335	55.82	12.57	163	75	125				S

Sample ID: **2201122-41A MSD**	Batch ID: **103612**		TestNo: **SW6020B**				Units: **mg/Kg-dry**				
SampType: **MSD**	Run ID: **ICP-MS5_220124D**		Analysis Date: **1/24/2022 4:22:00 PM**				Prep Date: **1/21/2022**				
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Lead	65.6	0.338	56.32	12.57	94.2	75	125	44.9	25	R	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201122
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS5_220124D

Sample ID: **ICV-220124**	Batch ID: **R118985**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **ICV**	Run ID: **ICP-MS5_220124D**	Analysis Date: **1/24/2022 12:29:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.100	0.00100	0.100	0	100	90	110			

Sample ID: **LCVL-220124**	Batch ID: **R118985**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **LCVL**	Run ID: **ICP-MS5_220124D**	Analysis Date: **1/24/2022 12:41:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.000983	0.00100	0.00100	0	98.3	80	120			

Sample ID: **CCV3-220124**	Batch ID: **R118985**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **CCV**	Run ID: **ICP-MS5_220124D**	Analysis Date: **1/24/2022 3:25:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.195	0.00100	0.200	0	97.7	90	110			

Sample ID: **CCV4-220124**	Batch ID: **R118985**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **CCV**	Run ID: **ICP-MS5_220124D**	Analysis Date: **1/24/2022 4:25:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.197	0.00100	0.200	0	98.7	90	110			

Sample ID: **CCV5-220124**	Batch ID: **R118985**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **CCV**	Run ID: **ICP-MS5_220124D**	Analysis Date: **1/24/2022 5:04:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.195	0.00100	0.200	0	97.7	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201122
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: **ICP-MS5_220125B**

The QC data in batch 103636 applies to the following samples: 2201122-22A

Sample ID: **MB-103636**	Batch ID: **103636**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **MBLK**	Run ID: **ICP-MS5_220125B**	Analysis Date: **1/25/2022 12:54:00 PM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	<0.000300	0.00100								

Sample ID: **LCS-103636**	Batch ID: **103636**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **LCS**	Run ID: **ICP-MS5_220125B**	Analysis Date: **1/25/2022 12:57:00 PM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.206	0.00100	0.200	0	103	80	120			

Sample ID: **LCSD-103636**	Batch ID: **103636**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **LCSD**	Run ID: **ICP-MS5_220125B**	Analysis Date: **1/25/2022 1:01:00 PM**	Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.205	0.00100	0.200	0	102	80	120	0.731	15	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201122
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS5_220125B

Sample ID: **ICV-220125**	Batch ID: **R119000**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **ICV**	Run ID: **ICP-MS5_220125B**	Analysis Date: **1/25/2022 10:51:00 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.103	0.00100	0.100	0	103	90	110			

Sample ID: **LCVL-220125**	Batch ID: **R119000**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **LCVL**	Run ID: **ICP-MS5_220125B**	Analysis Date: **1/25/2022 11:06:00 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.00103	0.00100	0.00100	0	103	80	120			

Sample ID: **CCV2-220125**	Batch ID: **R119000**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **CCV**	Run ID: **ICP-MS5_220125B**	Analysis Date: **1/25/2022 12:43:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.201	0.00100	0.200	0	100	90	110			

Sample ID: **CCV3-220125**	Batch ID: **R119000**	TestNo: **SW6020B**	Units: **mg/L**
SampType: **CCV**	Run ID: **ICP-MS5_220125B**	Analysis Date: **1/25/2022 1:44:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	0.200	0.00100	0.200	0	100	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201122
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_211108D

Sample ID: **DCS-102743**	Batch ID: **102743**	TestNo: **SW8270E-LL**	Units: **mg/Kg**
SampType: **DCS**	Run ID: **GCMS6_211108D**	Analysis Date: **11/8/2021 10:22:00 PM**	Prep Date: **11/8/2021**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Acenaphthene	0.00837	0.0100	0.01000	0	83.7	20	200	0	0	
Acenaphthylene	0.0103	0.0100	0.01000	0	103	20	200	0	0	
Anthracene	0.00893	0.0100	0.01000	0	89.3	20	200	0	0	
Benzo[a]anthracene	0.00420	0.0100	0.01000	0	42.0	20	200	0	0	
Benzo[a]pyrene	0.0107	0.0100	0.01000	0	107	20	200	0	0	
Benzo[b]fluoranthene	0.0101	0.0100	0.01000	0	101	20	200	0	0	
Benzo[g,h,i]perylene	0.00977	0.0100	0.01000	0	97.7	20	200	0	0	
Benzo[k]fluoranthene	0.0100	0.0100	0.01000	0	100	20	200	0	0	
Chrysene	0.00716	0.0100	0.01000	0	71.6	20	200	0	0	
Dibenz[a,h]anthracene	0.00983	0.0100	0.01000	0	98.3	20	200	0	0	
Fluoranthene	0.00595	0.0100	0.01000	0	59.5	20	200	0	0	
Fluorene	0.00875	0.0100	0.01000	0	87.5	20	200	0	0	
Indeno[1,2,3-cd]pyrene	0.0110	0.0100	0.01000	0	110	20	200	0	0	
Naphthalene	0.00893	0.0100	0.01000	0	89.3	20	200	0	0	
Phenanthrene	0.00710	0.0100	0.01000	0	71.0	20	200	0	0	
Pyrene	0.00501	0.0100	0.01000	0	50.1	20	200	0	0	
Surr: 2-Fluorobiphenyl	0.799		1.000		79.9	43	125	0	0	
Surr: 4-Terphenyl-d14	0.848		1.000		84.8	32	125	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201122
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: **GCMS6_220119A**

The QC data in batch 103577 applies to the following samples: 2201122-03A, 2201122-09A, 2201122-13A

Sample ID: **LCS-103577** Batch ID: **103577** TestNo: **SW8270E-LL** Units: **mg/Kg**
SampType: **LCS** Run ID: **GCMS6_220119A** Analysis Date: **1/19/2022 4:41:00 PM** Prep Date: **1/19/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Acenaphthene	0.890	0.0100	1.000	0	89.0	46	125			
Acenaphthylene	0.945	0.0100	1.000	0	94.5	44	125			
Anthracene	0.852	0.0100	1.000	0	85.2	53	125			
Benzo[a]anthracene	1.15	0.0100	1.000	0	115	52	125			
Benzo[a]pyrene	1.00	0.0100	1.000	0	100	50	125			
Benzo[b]fluoranthene	1.06	0.0100	1.000	0	106	45	125			
Benzo[g,h,i]perylene	1.01	0.0100	1.000	0	101	38	126			
Benzo[k]fluoranthene	0.930	0.0100	1.000	0	93.0	45	125			
Chrysene	0.851	0.0100	1.000	0	85.1	53	125			
Dibenz[a,h]anthracene	1.06	0.0100	1.000	0	106	41	125			
Fluoranthene	0.964	0.0100	1.000	0	96.4	54	125			
Fluorene	0.898	0.0100	1.000	0	89.8	49	125			
Indeno[1,2,3-cd]pyrene	1.10	0.0100	1.000	0	110	38	125			
Naphthalene	0.889	0.0100	1.000	0	88.9	40	125			
Phenanthrene	0.932	0.0100	1.000	0	93.2	50	125			
Pyrene	0.974	0.0100	1.000	0	97.4	46	125			
Surr: 2-Fluorobiphenyl	0.789		1.000		78.9	43	125			
Surr: 4-Terphenyl-d14	0.881		1.000		88.1	32	125			

Sample ID: **MB-103577** Batch ID: **103577** TestNo: **SW8270E-LL** Units: **mg/Kg**
SampType: **MBLK** Run ID: **GCMS6_220119A** Analysis Date: **1/19/2022 5:40:00 PM** Prep Date: **1/19/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Acenaphthene	<0.00500	0.0100								
Acenaphthylene	<0.00500	0.0100								
Anthracene	<0.00500	0.0100								
Benzo[a]anthracene	<0.00500	0.0100								
Benzo[a]pyrene	<0.00500	0.0100								
Benzo[b]fluoranthene	<0.00500	0.0100								
Benzo[g,h,i]perylene	<0.00500	0.0100								
Benzo[k]fluoranthene	<0.00500	0.0100								
Chrysene	<0.00500	0.0100								
Dibenz[a,h]anthracene	<0.00500	0.0100								
Fluoranthene	<0.00500	0.0100								
Fluorene	<0.00500	0.0100								
Indeno[1,2,3-cd]pyrene	<0.00500	0.0100								
Naphthalene	<0.00500	0.0100								
Phenanthrene	<0.00500	0.0100								
Pyrene	<0.00500	0.0100								
Surr: 2-Fluorobiphenyl	0.798		1.000		79.8	43	125			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201122
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_220119A

Sample ID: **MB-103577**	Batch ID: **103577**	TestNo: **SW8270E-LL**	Units: **mg/Kg**
SampType: **MBLK**	Run ID: **GCMS6_220119A**	Analysis Date: **1/19/2022 5:40:00 PM**	Prep Date: **1/19/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Terphenyl-d14	0.884		1.000		88.4	32	125			

Sample ID: **SB-220120**	Batch ID: **103577**	TestNo: **SW8270E-LL**	Units: **mg/Kg**
SampType: **SBLK**	Run ID: **GCMS6_220119A**	Analysis Date: **1/20/2022 11:55:00 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Acenaphthene	<0.00500	0.0100	0							
Acenaphthylene	<0.00500	0.0100	0							
Anthracene	<0.00500	0.0100	0							
Benzo[a]anthracene	<0.00500	0.0100	0							
Benzo[a]pyrene	<0.00500	0.0100	0							
Benzo[b]fluoranthene	<0.00500	0.0100	0							
Benzo[g,h,i]perylene	<0.00500	0.0100	0							
Benzo[k]fluoranthene	<0.00500	0.0100	0							
Chrysene	<0.00500	0.0100	0							
Dibenz[a,h]anthracene	<0.00500	0.0100	0							
Fluoranthene	<0.00500	0.0100	0							
Fluorene	<0.00500	0.0100	0							
Indeno[1,2,3-cd]pyrene	<0.00500	0.0100	0							
Naphthalene	<0.00500	0.0100	0							
Phenanthrene	<0.00500	0.0100	0							
Pyrene	<0.00500	0.0100	0							
Surr: 2-Fluorobiphenyl	0.00111		0							
Surr: 4-Terphenyl-d14	0		0							

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201122
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

ANALYTICAL QC SUMMARY REPORT

RunID: GCMS6_220119A

Sample ID: **ICV-220119**	Batch ID: **R118925**	TestNo: **SW8270E-LL**	Units: **mg/Kg**
SampType: **ICV**	Run ID: **GCMS6_220119A**	Analysis Date: **1/19/2022 4:12:00 PM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Acenaphthene	2.10	0.0100	2.000	0	105	70	130			
Acenaphthylene	2.18	0.0100	2.000	0	109	70	130			
Anthracene	1.88	0.0100	2.000	0	93.9	70	130			
Benzo[a]anthracene	2.24	0.0100	2.000	0	112	70	130			
Benzo[a]pyrene	2.04	0.0100	2.000	0	102	70	130			
Benzo[b]fluoranthene	2.14	0.0100	2.000	0	107	70	130			
Benzo[g,h,i]perylene	2.07	0.0100	2.000	0	103	70	130			
Benzo[k]fluoranthene	1.89	0.0100	2.000	0	94.3	70	130			
Chrysene	1.43	0.0100	2.000	0	71.3	70	130			
Dibenz[a,h]anthracene	1.96	0.0100	2.000	0	98.2	70	130			
Fluoranthene	2.12	0.0100	2.000	0	106	70	130			
Fluorene	2.04	0.0100	2.000	0	102	70	130			
Indeno[1,2,3-cd]pyrene	2.23	0.0100	2.000	0	111	70	130			
Naphthalene	2.07	0.0100	2.000	0	104	70	130			
Phenanthrene	2.15	0.0100	2.000	0	108	70	130			
Pyrene	2.12	0.0100	2.000	0	106	70	130			
Surr: 2-Fluorobiphenyl	1.95		2.000		97.5	65	120			
Surr: 4-Terphenyl-d14	2.00		2.000		99.9	65	120			

Sample ID: **ICV-220120**	Batch ID: **R118925**	TestNo: **SW8270E-LL**	Units: **mg/Kg**
SampType: **ICV**	Run ID: **GCMS6_220119A**	Analysis Date: **1/20/2022 10:27:00 AM**	Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Acenaphthene	2.07	0.0100	2.000	0	103	70	130			
Acenaphthylene	2.21	0.0100	2.000	0	111	70	130			
Anthracene	1.88	0.0100	2.000	0	94.1	70	130			
Benzo[a]anthracene	2.22	0.0100	2.000	0	111	70	130			
Benzo[a]pyrene	2.03	0.0100	2.000	0	102	70	130			
Benzo[b]fluoranthene	2.15	0.0100	2.000	0	108	70	130			
Benzo[g,h,i]perylene	2.06	0.0100	2.000	0	103	70	130			
Benzo[k]fluoranthene	1.85	0.0100	2.000	0	92.4	70	130			
Chrysene	1.43	0.0100	2.000	0	71.4	70	130			
Dibenz[a,h]anthracene	1.88	0.0100	2.000	0	94.2	70	130			
Fluoranthene	2.13	0.0100	2.000	0	107	70	130			
Fluorene	2.02	0.0100	2.000	0	101	70	130			
Indeno[1,2,3-cd]pyrene	2.24	0.0100	2.000	0	112	70	130			
Naphthalene	2.07	0.0100	2.000	0	104	70	130			
Phenanthrene	2.13	0.0100	2.000	0	106	70	130			
Pyrene	2.12	0.0100	2.000	0	106	70	130			
Surr: 2-Fluorobiphenyl	1.97		2.000		98.7	65	120			
Surr: 4-Terphenyl-d14	2.02		2.000		101	65	120			

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.

ANALYTICAL QC SUMMARY REPORT

Work Order: 2201122

Project: Dallas Brownfield-Fair Park Phase II ESA (Soil) **RunID: PMOIST_220119A**

The QC data in batch 103589 applies to the following samples: 2201122-01A, 2201122-03A, 2201122-05A, 2201122-07A, 2201122-09A, 2201122-11A, 2201122-13A, 2201122-15A

Sample ID: **2201122-01A-DUP**	Batch ID: **103589**	TestNo: **D2216**		Units:	**WT%**
SampType: **DUP**	Run ID: **PMOIST_220119A**	Analysis Date: **1/20/2022 8:58:00 AM**		Prep Date:	**1/19/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Percent Moisture	19.0	0	0	19.89				4.70	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.

ANALYTICAL QC SUMMARY REPORT

Work Order: 2201122

Project: Dallas Brownfield-Fair Park Phase II ESA (Soil) **RunID: PMOIST_220121A**

The QC data in batch 103605 applies to the following samples: 2201122-17A, 2201122-19A, 2201122-21A, 2201122-23A, 2201122-25A, 2201122-27A, 2201122-29A, 2201122-31A, 2201122-33A, 2201122-35A, 2201122-37A, 2201122-39A, 2201122-41A, 2201122-43A, 2201122-45A

Sample ID: **2201122-19A-DUP** Batch ID: **103605** TestNo: **D2216** Units: **WT%**

SampType: **DUP** Run ID: **PMOIST_220121A** Analysis Date: **1/24/2022 8:51:00 AM** Prep Date: **1/21/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Percent Moisture	12.9	0	0	12.62				2.29	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.

ANALYTICAL QC SUMMARY REPORT

Work Order: 2201122

Project: Dallas Brownfield-Fair Park Phase II ESA (Soil) **RunID: PMOIST_220124A**

The QC data in batch 103651 applies to the following samples: 2201122-46A, 2201122-47A

Sample ID: **2201148-08C-DUP** Batch ID: **103651** TestNo: **D2216** Units: **WT%**

SampType: **DUP** Run ID: **PMOIST_220124A** Analysis Date: **1/25/2022 9:56:00 AM** Prep Date: **1/24/2022**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Percent Moisture	6.58	0	0	7.143				8.22	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.

ANALYTICAL QC SUMMARY REPORT

Work Order: 2201122

Project: Dallas Brownfield-Fair Park Phase II ESA (Soil) **RunID: PMOIST_220201A**

The QC data in batch 103790 applies to the following samples: 2201122-02A, 2201122-06A, 2201122-10A, 2201122-16A, 2201122-30A, 2201122-34A, 2201122-38A, 2201122-40A

Sample ID: **2201122-06A-DUP**	Batch ID: **103790**	TestNo: **D2216**	Units: **WT%**		
SampType: **DUP**	Run ID: **PMOIST_220201A**	Analysis Date: **2/2/2022 10:12:00 AM**	Prep Date: **2/1/2022**		

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Percent Moisture	8.50	0	0	9.759				13.8	30	

Qualifiers:

B	Analyte detected in the associated Method Blank	DF	Dilution Factor
J	Analyte detected between MDL and RL	MDL	Method Detection Limit
ND	Not Detected at the Method Detection Limit	R	RPD outside accepted control limits
RL	Reporting Limit	S	Spike Recovery outside control limits
J	Analyte detected between SDL and RL	N	Parameter not NELAP certified

CLIENT: Stantec Consulting Services Inc.
Work Order: 2201122
Project: Dallas Brownfield-Fair Park Phase II ESA (Soil)

MQL SUMMARY REPORT

TestNo: SW6020B	MDL	MQL
Analyte	**mg/Kg**	**mg/Kg**
Lead	0.100	0.300

TestNo: SW6020B	MDL	MQL
Analyte	**mg/L**	**mg/L**
Lead	0.000300	0.00100

TestNo: SW8270E-LL	MDL	MQL
Analyte	**mg/Kg**	**mg/Kg**
Acenaphthene	0.00500	0.0100
Acenaphthylene	0.00500	0.0100
Anthracene	0.00500	0.0100
Benzo[a]anthracene	0.00500	0.0100
Benzo[a]pyrene	0.00500	0.0100
Benzo[b]fluoranthene	0.00500	0.0100
Benzo[g,h,i]perylene	0.00500	0.0100
Benzo[k]fluoranthene	0.00500	0.0100
Chrysene	0.00500	0.0100
Dibenz[a,h]anthracene	0.00500	0.0100
Fluoranthene	0.00500	0.0100
Fluorene	0.00500	0.0100
Indeno[1,2,3-cd]pyrene	0.00500	0.0100
Naphthalene	0.00500	0.0100
Phenanthrene	0.00500	0.0100
Pyrene	0.00500	0.0100

Qualifiers: MQL -Method Quantitation Limit as defined by TRRP
MDL -Method Detection Limit as defined by TRRP

APPENDIX C – LIST OF ACRONYMS AND ABBREVIATIONS

LIST OF ACRONYMS AND ABBREVIATIONS

ACRES	Assessment, Cleanup, and Redevelopment Exchange System
COC	Constituents of Concern
CSM	Conceptual Site Model
DOT	Department of Transportation
EPA	United States Environmental Protection Agency
ESA	Environmental Site Assessment
feet bgs	Feet below ground surface
GPRS	Ground Penetrating Radar Systems, Inc.
HWC	EPA Hazardous Waste Criteria Limit
IDW	Investigation derived waste
J	Estimated concentration
J-	Estimated concentration with low bias
LCS/LCSA	Laboratory control spike/laboratory control spike duplicate
mg/kg	Milligrams per kilogram
mg/L	Milligrams per liter
MS/MSD	Matrix spike/matrix spike duplicate
NELAP	National Environmental Laboratory Accreditation Program
PAH	Polycyclic Aromatic Hydrocarbons
PCL	Protective concentration levels
PID	Photoionization detector
ppm	Parts per million
PVC	Polyvinyl chloride
QAPP	Quality Assurance Project Plan
QA/QC	Quality Assurance/Quality Control
REC	Recognized Environmental Condition
RL	Reporting Limit
RPD	Relative Percent Different
SDL	Sample Detection Limit
SPLP	Synthetic Precipitation Leaching Procedure
SAP	Site-specific sampling and analysis plan
SVOC	Semi-volatile organic compound
TAC	Texas Administrative Code
TCEQ	Texas Commission on Environmental Quality
TCLP	Toxic Characteristics Leaching Procedure
TPH	Total Petroleum Hydrocarbon
TRRP	Texas Risk Reduction Program
TSSBC	Texas-Specific Soil Background Concentrations
UJ	Estimated non-detected concentration
UJ-	Estimated non-detected concentration with low bias
UST	Underground storage tank
VOC	Volatile organic compound

APPENDIX D – DATA VALIDATION REPORT

DATA VALIDATION REPORT
FOR
SAMPLES COLLECTED FOR PHASE II ESA
4105 SOUTH FITZHUGH AVENUE
DALLAS, TEXAS

This report presents the data validation results of analytical data for samples collected by Stantec January 17, 2022 through January 20, 2022 for the Phase II Environmental Site Assessment (ESA) performed at 4105 South Fitzhugh Avenue in Dallas, Texas.

One (1) groundwater and forty-four (44) soil samples, six (6) soil field duplicates, and six (6) quality control (QC) samples were collected and submitted for analysis to DHL Analytical of Round Rock, Texas. The samples were analyzed for one or more of the following:

- Volatile organic compounds (VOCs) in accordance with United States Environmental Protection Agency (EPA) Method SW8260B
- Polycyclic aromatic hydrocarbons (PAHs) in accordance with EPA Method SW8270C SIM
- Total petroleum hydrocarbons (TPH) in accordance with Texas Natural Resource Conservation Commission (TNRCC) Method 1005
- Lead in accordance with EPA Method SW6020B

The analytical data were reviewed based on the results of the data evaluation parameters and/or the QC sample results provided by the laboratory against the EPA National Functional Guidelines for Inorganic and Organic Data Review (January 2017a and 2017b) and laboratory acceptance criteria. The data quality evaluation is presented in terms of precision, accuracy, representativeness, comparability and completeness.

Based on this data validation, data were found to be usable as qualified.

SUMMARY OF DATA VALIDATION

The following sections summarize the procedures and results for evaluating the supporting documentation and analytical data associated with the following sample delivery groups (SDGs):

- 2201122
- 2201148
- 2201162
- 2201163

1.0 DATA QUALITY EVALUATION

The precision, accuracy, representativeness, comparability, and completeness of the analytical data were verified and qualified based on the case narratives provided in the SDGs.

- Laboratory case narratives
- Holding time
- Blank results (method, trip, equipment rinse)
- Field duplicate relative percent differences (RPDs)
- Laboratory control sample/laboratory control sample duplicate (LCS/LCSD) recoveries and RPDs
- Matrix spike/matrix spike duplicate (MS/MSD) recoveries and RPDs
- Surrogate recoveries
- Laboratory detection limits

1.1 Precision

Precision evaluates the reproducibility of measurements under a given set of conditions. Laboratory precision was evaluated using RPD calculated between the MS/MSD samples, LCS/ LCSD samples, and laboratory duplicates. All laboratory precision criteria were met except for the following issue:

- SDG 2201122: MS/MSD RPDs exceeded the laboratory control limit for lead in sample B20(1-2)SO. Lead was detected in the parent sample and was qualified as estimated (J).

1.2 Accuracy

Accuracy is the measure of the bias of a method or the level of agreement between a measurement and a known true value. Accuracy is evaluated by percent recovery. Laboratory accuracy was evaluated (as applicable) using laboratory quality control samples and surrogate recoveries. LCS/LCSD, MS/MSD and surrogate recoveries were acceptable except for the following issues:

- SDG 2201122: The MSD percent recovery exceeded the upper control limit for lead in sample B20(1-2)SO. Lead was detected in the parent sample and was qualified as estimated with a potential positive bias (J+).

- SDGs 2201148, 2201162 and 2201163: The LCS and/or LCSD percent recoveries exceeded the upper control limit for benzo(a)anthracene in PAH batches 103597 and 103653. Benzo(a)anthracene was not detected in the associated samples, no data were qualified.

- SDG 2201148: The LCS percent recovery exceeded the upper control limit for trichlorofluoromethane in PAH batch 106317. Trichlorofluoromethane was not detected in the associated sample, no data were qualified.

- SDG 2201148: MS and/or MSD percent recoveries were below the lower control limit for 25 VOCs in sample B23(3-4)SO. The affected VOCs were not detected in the parent sample and were qualified as estimated non-detects (UJ).

1.3 Representativeness

Representativeness is a qualitative expression of the degree to which sample data accurately and precisely represent a characteristic of a population, a sampling point or an environmental condition. Representativeness is maximized by ensuring that, for a given project, the number and location of sampling points and sample collection and analysis techniques are appropriate for the specific investigation and that the sampling and analysis program provides information that reflects “true” site conditions. Laboratory data were evaluated for representativeness (as applicable) by assessing compliance with the following: sample preservation; holding time criteria; blank sample results and field duplicate sample results.

Sample Preservation: All samples were received by the laboratory in acceptable condition and were properly preserved.

Sample Collection: Samples were collected in properly preserved containers. The laboratory did not identify any sampling issues.

Holding Time Evaluation: Holding time reflects the length of time after sample collection that a sample or extract remains representative of environmental conditions. Holding times were compared to standard method-specific holding times accepted by the EPA. All samples were analyzed within holding time requirements.

Blank Evaluation:
Laboratory method blanks, equipment rinse blanks, and trip blanks were reviewed for the presence of target analytes. Target compounds were not detected at concentrations equal to or greater than detection limits in any of these blanks with the following exceptions:

- SDG 2201162: Lead was detected between the MDL and RL at 0.000523 J milligrams per liter (mg/L) in equipment blank sample EB-012022. Lead was not detected in the three associated samples; the results were not qualified.

Field Duplicate Evaluation:
Field duplicates are two different samples collected at the same time, at the same location, and with the same sampling procedure. Field duplicates are used to check the sampling techniques. RPDs were calculated for the duplicate pairs for constituents detected in both the primary and field duplicate samples at concentrations exceeding five-times their respective RLs. The following soil matrix field duplicate pairs were collected:

Primary Sample	Field Duplicate Sample
B09(1-2)SO	DUP01
B21(1-2)SO	DUP02
B11(1-2)SO	DUP03
B15(1-2)SO	DUP04
B22(2-3)SO	DUP05
B24(4-5)SO	DUP06

The calculated RPD exceeded 50 percent for lead in duplicate pair DUP01 / B09(1-2)SO, the results were qualified as estimated (J) in both the parent and field duplicate sample. All other calculated RPDs were within the acceptance criteria.

1.4 Comparability

Comparability is a qualitative parameter that expresses the confidence that one data set may be compared to another and to historical data. For this project, analysis followed standard methods and data were reported using standard units of measure. Sample collection techniques were acceptable. In addition, QC data for this project supports that the data would be comparable to other data representative of this site using similar sample collection and analytical methods.

1.5 Completeness

The analytical completeness was determined to be 100% for all methods.

Summary of Qualified Data

Sample ID	Collection Date	Method	Analyte	Original Result	Validated Result	Units	Reason Code
B09(1-2)SO	1/17/2022	SW6020B	Lead	20.0	20.0 J	mg/Kg	FD RPD > CL
DUP01	1/17/2022	SW6020B	Lead	9.40	9.40 J	mg/Kg	FD RPD > CL
B20(1-2)SO	1/18/2022	SW6020B	Lead	12.6	12.6 J+	mg/Kg	MSD %R > UCL; MS/MSD RPD > CL
B23(3-4)SO	1/19/2022	SW8260D	1-Chlorohexane	0.00108 U	0.00108 UJ	mg/Kg	MS %R < LCL
B23(3-4)SO	1/19/2022	SW8260D	Bromobenzene	0.00108 U	0.00108 UJ	mg/Kg	MSD %R < LCL
B23(3-4)SO	1/19/2022	SW8260D	Butylbenzene, n-	0.00108 U	0.00108 UJ	mg/Kg	MS/MSD %R < LCL
B23(3-4)SO	1/19/2022	SW8260D	Butylbenzene, sec-	0.00108 U	0.00108 UJ	mg/Kg	MSD %R < LCL
B23(3-4)SO	1/19/2022	SW8260D	Butylbenzene, tert-	0.00108 U	0.00108 UJ	mg/Kg	MSD %R < LCL
B23(3-4)SO	1/19/2022	SW8260D	Chlorobenzene	0.00108 U	0.00108 UJ	mg/Kg	MSD %R < LCL
B23(3-4)SO	1/19/2022	SW8260D	Chlorotoluene, 2-	0.00108 U	0.00108 UJ	mg/Kg	MSD %R < LCL
B23(3-4)SO	1/19/2022	SW8260D	Chlorotoluene, 4-	0.00108 U	0.00108 UJ	mg/Kg	MS/MSD %R < LCL
B23(3-4)SO	1/19/2022	SW8260D	Dichlorobenzene, 1,2-	0.00108 U	0.00108 UJ	mg/Kg	MS/MSD %R < LCL
B23(3-4)SO	1/19/2022	SW8260D	Dichlorobenzene, 1,3-	0.00108 U	0.00108 UJ	mg/Kg	MS/MSD %R < LCL
B23(3-4)SO	1/19/2022	SW8260D	Dichlorobenzene, 1,4-	0.00108 U	0.00108 UJ	mg/Kg	MS/MSD %R < LCL
B23(3-4)SO	1/19/2022	SW8260D	Ethylbenzene	0.00108 U	0.00108 UJ	mg/Kg	MSD %R < LCL
B23(3-4)SO	1/19/2022	SW8260D	Hexachlorobutadiene	0.00108 U	0.00108 UJ	mg/Kg	MSD %R < LCL
B23(3-4)SO	1/19/2022	SW8260D	Isopropylbenzene	0.00108 U	0.00108 UJ	mg/Kg	MS/MSD %R < LCL
B23(3-4)SO	1/19/2022	SW8260D	Isopropyltoluene, p-	0.00108 U	0.00108 UJ	mg/Kg	MS/MSD %R < LCL
B23(3-4)SO	1/19/2022	SW8260D	Propylbenzene, n-	0.00108 U	0.00108 UJ	mg/Kg	MS %R < LCL
B23(3-4)SO	1/19/2022	SW8260D	Styrene	0.00108 U	0.00108 UJ	mg/Kg	MS %R < LCL
B23(3-4)SO	1/19/2022	SW8260D	Tetrachloroethene	0.00108 U	0.00108 UJ	mg/Kg	MS %R < LCL
B23(3-4)SO	1/19/2022	SW8260D	Trichlorobenzene, 1,2,3-	0.00108 U	0.00108 UJ	mg/Kg	MS %R < LCL
B23(3-4)SO	1/19/2022	SW8260D	Trichlorobenzene, 1,2,4-	0.00108 U	0.00108 UJ	mg/Kg	MS/MSD %R < LCL
B23(3-4)SO	1/19/2022	SW8260D	Trimethylbenzene, 1,2,4-	0.00108 U	0.00108 UJ	mg/Kg	MSD %R < LCL
B23(3-4)SO	1/19/2022	SW8260D	Trimethylbenzene, 1,3,5-	0.00108 U	0.00108 UJ	mg/Kg	MSD %R < LCL
B23(3-4)SO	1/19/2022	SW8260D	Xylene, m-	0.00108 U	0.00108 UJ	mg/Kg	MS/MSD %R < LCL
B23(3-4)SO	1/19/2022	SW8260D	Xylene, o-	0.00108 U	0.00108 UJ	mg/Kg	MSD %R < LCL
B23(3-4)SO	1/19/2022	SW8260D	Xylenes, Total	0.00108 U	0.00108 UJ	mg/Kg	MSD %R < LCL

Notes:
%R - percent recovery
CL - control limit
FD - field duplicate
LCL - lower control limit
MS/MSD – matrix spike/matrix spike duplicate
mg/kg - milligrams per kilogram
RPD - relative percent difference

Data Validation Qualifiers:
J - Result is qualified as estimated, "+" indicates a potential positive bias.
U - Undetected at sample reporting limit.
UJ - Result is undetected and the sample reporting limit is qualified as estimated.