PERMIT NO. 951

GRANTED BY THE CITY OF LOS ANGELES

TO

PORT MAINTENANCE GROUP, INC.

921 New Dock Street, Terminal Island, CA 90731

TRANSMITTAL 2

THIS PERMIT ("Agreement") is made and entered into this ____ day of _____, 20____, by and between THE CITY OF LOS ANGELES, a municipal corporation ("City") acting by and through its Board of Harbor Commissioners ("Board"), and PORT MAINTENANCE GROUP, INC., a California corporation ("Tenant") (individually referred to as “Party” and collectively referred to as “Parties”).

ARTICLE 1

Section 1. Agreement.

For good and valuable consideration, the receipt and sufficiency of which are acknowledged by the Parties, City hereby delivers, and Tenant hereby accepts, the Premises hereinafter described, subject to the terms, limitations, conditions, restrictions and reservations contained herein and in the Charter of the City of Los Angeles and the State Tidelands Trust and the terms and conditions provided herein.

Section 2. Premises.

2.1 Description.

2.1.1 Land and Improvements. The premises subject to this Agreement are as delineated and more particularly described on Drawing No. 5-7392 (“Premises”). Such drawing is on file in the office of the Chief Harbor Engineer of the Harbor Department (“Harbor Engineer”) and are attached hereto as Exhibit “A”.

2.1.1.1 Premises. The total area of the Premises is depicted on the Exhibits attached and is comprised of the following parcels:

Parcel 1	Paved Land	49,353 square feet
Parcel 2	Paved Land	51,272 square feet
Parcel 3	Warehouse (excluding the second floor office in the warehouse set forth in Exhibit A)	29,400 square feet
Parcel 4	Covered Land	3,884 square feet
TOTAL		133,909 square feet

2.1.1.2 Encroachment Prohibited. Tenant shall not have any right to enter, access, occupy, use, or otherwise utilize areas outside of the Premises set forth in Exhibit “A”. Tenant’s failure to comply with this Section 2.1.1.2 herein shall constitute a material breach of this Agreement in accordance with Article 2, Section 109.

2.1.1.3 Right to Access. With prior consent from the Executive Director, Tenant shall have the right to enter the Submeter Area as further described and depicted in red on Exhibit "A-1". Tenant shall have no possessory rights to the Submeter Area. Tenant shall access the Submeter Area for the purposes of completing submeter repairs in accordance with Article 1, Section 2.1.3.1 only. Tenant shall not assessed additional fees associated with the access described in this Section 2.1.1.3 herein.

2.1.2 Existing City Improvements. The improvements on the Premises as of the Effective Date, which improvements are owned by City and subject to this Agreement, are identified in Exhibit "B", a copy of which is attached hereto. This Agreement refers to the totality of such City-owned improvements as "City's Improvements."

2.1.3 New Improvements. The Parties acknowledge that new improvements may be constructed on the Premises following the Effective Date. If, following the Effective Date, an improvement is added to the Premises, the Harbor Engineer shall: (i) revise Exhibit "B" to include both a depiction of such additional improvement and a statement identifying such improvement's ownership; (ii) renumber the revised Exhibit "B" (such that, for example, after any such revision and renumbering, Exhibit "B" becomes "Exhibit "B-1"); and (iii) transmit such revised and renumbered Exhibit "B" to Tenant. Upon City's transmittal to Tenant, such revised and renumbered Exhibit "B" shall be deemed to: (i) be incorporated into this Agreement without further action of the Board or the Council; and (ii) supersede any earlier issued iterations of Exhibit "B".

2.1.3.1 Scope of Tenant Improvements. In accordance with Article I, Section 2.1.3 and Article 2, Section 118.30, Tenant shall be responsible for the following improvements: (i) replacement and/or repair of nonfunctioning dock roll down doors; (ii) perimeter fence installation, including barbed wire where required by the U.S. Coast Guard; (iii) painting; (iv) electrical submeter repair; and (v) general improvements the Executive Director has determined, in his/her sole and absolute discretion that have a useful life beyond the Term of this Agreement.

2.1.3.2 APP Required. Tenant shall submit an APP, as defined in Article 2, Section 105.2.1, as part of improvement work process for the Premises. Tenant's uses of the premises, improvements, and modifications shall comply with this Agreement and all applicable laws, rules, and regulations.

2.2 Acceptance and Surrender. It is understood and agreed that Tenant accepts the Premises "AS IS", "WHERE IS", with all faults and limitations, provided that nothing herein shall be construed to negate any provision of this Agreement. Tenant agrees to surrender the Premises upon the expiration or earlier termination of this Agreement in conformance with the terms and conditions of this Agreement.

Section 3. Effective Date; Term and Holdover.

3.1 Effective Date. This Agreement shall become effective on the date of its approval by the City Council of City ("Council") pursuant to Section 245 of City's Charter, and execution by the Executive Director of the Harbor Department ("Executive Director"), after approval as to form and legality by the City Attorney of the City of Los Angeles ("Effective Date").

3.2 Term. The Term of this Agreement shall be for thirty-six (36) months commencing on the Effective Date and expiring thirty-six months from the Effective Date ("Expiration Date"); subject, however, to earlier termination by Tenant upon ninety (90) days prior written notice or unless earlier terminated pursuant to the terms hereinafter set forth. In the event Tenant elects to exercise early termination as set forth herein, Tenant shall not be assessed a fee or charge and such termination shall not be deemed a default as set forth in Article 2, Section 109.

3.2.1 Two Extension Options. The Executive Director, acting in his/her sole and absolute discretion, shall have the option to extend the Term for up to two (2) consecutive twelve (12) month periods upon ninety (90) days prior written notice to Tenant; subject, however to earlier termination by Tenant during the first or second option period upon ninety (90) days written notice or unless otherwise terminated pursuant to the terms of this Agreement. The Term shall not exceed an aggregate total of sixty (60) months.

3.3 Holdover. Should Tenant remain in possession of all or any part of the Premises after the expiration of this Agreement, with or without the express or implied consent of City, such occupancy shall be considered to be a "holdover" from month to month only, and not a renewal of this Agreement nor an extension for any further term, and in such case, rent or other monetary sums due hereunder for such expired Premises shall be payable in the amount of: (i) one hundred fifty percent (150%) of the Rent, as defined in Section 4 (Rent), payable for the last month of the term of this Agreement, or one hundred fifty percent (150%) of the fair market rental, whichever is higher, plus (ii) other charges payable hereunder at the time specified in the Agreement, and such month to month occupancy shall be subject to every other provision, covenant and agreement contained herein, including any applicable Rental Adjustments set forth in Section 4. The foregoing provisions of this Subsection 3.3 are in addition to and do not affect the right of re-entry or any right of City hereunder or as otherwise provided by law, and in no way shall such provisions affect any right which City may otherwise have to recover damages, to the extent permissible by Applicable Law, from Tenant for loss or liability incurred by City resulting from the failure by Tenant to surrender the Premises, or for any other reason. Nothing contained in this Subsection 3.3 shall be construed as consent by City to any holding over by Tenant, and City expressly reserves the right to require Tenant to surrender possession of the Premises to City as provided in the Agreement, and to the extent permissible by Applicable Law, upon the expiration of this Agreement.

Section 4. Rent and Other Tenant Payments.

4.1 Definitions.

4.1.1 Compensation Year. "Compensation Year" shall mean a period of twelve (12) consecutive calendar months commencing on the Effective Date and every twelve-month period thereafter. Any period of less than twelve (12) consecutive calendar months shall be a partial year. For any partial year, the Rent shall be prorated on the basis of a three hundred and sixty-five (365) day year.

4.1.2 Tariff Charges. "Tariff Charges" shall mean all charges due and owing by Tenant under the Tariff on account of Tenant's use and occupancy of the Premises.

4.1.3 CPI-U. "CPI-U" shall mean the Consumer Price Index for All Items, All Urban Consumers for the Los Angeles-Long Beach-Anaheim, California area, 1982-84=100 as published by the U.S. Department of Labor, Bureau of Labor Statistics, or a successor index selected by the Executive Director in the Executive Director's sole reasonable discretion.

4.1.4 Base Rent. "Base Rent" shall mean the monetary sum, in U.S. Dollars, Tenant shall pay to City for its use and occupancy of the Premises per month, excluding Tariff Charges and other Additional Rent.

4.1.5 Additional Rent. "Additional Rent" shall mean all monetary sums, in U.S. Dollars, Tenant shall pay to City for applicable Tariff Charges, impositions, taxes, liens and fees imposed on the Premises or Tenant's leasehold interest in the Premises, including but not limited to late fees, and any additional monetary payments which Tenant is required to pay to City as more fully set forth in this Agreement.

4.2 Base Rent. As consideration for rights granted in this Agreement, Tenant shall pay to City in the manner herein described without abatement, deduction or offset, except as provided herein, the following Base Rent when due, whether or not an invoice for same has been received, the initial Base Rent of Forty Six Thousand Seventy-Seven Dollars and Fifteen Cents ($46,077.15) per month due on or before the first day of each month. Following payment of the initial Base Rent, Base Rent shall be adjusted in accordance with the terms and conditions of this Agreement.

4.2.1 Rent Credit. In accordance with Article 1, Section 2.1.3.1 and Article 2, Section 118.30 , Tenant shall request a rent credit for Tenant's cost of Tenant Improvements as described in Article 1, Section 2.1.3.1 in an amount not to exceed Fifty-Five Thousand ($55,000) Dollars ("Rent Credit") upon completion of the work.

4.2.1.1 Rent Credit-Eligible Costs. Tenant's costs eligible for Rent Credit request includes construction (labor and materials cost), civil engineering, design and permit fees paid by Tenant toward Tenant

Improvements or permanent alterations approved by the City. Eligible costs shall not include temporary structures, machines, equipment, submeters, trade fixtures, and similar installations of a type normally removed without structural damage to the Premises.

4.2.1.2 Limitations on Rent Credit. Subject to Article 1, Section 7, the Rent Credit granted under Article 2, Section 4.2.2 shall be applied against the Base Rent only and shall be applied in equal monthly installments over the Term of the Agreement. Should this Agreement terminate prior to the exhaustion of the full Rent Credit for any reason other than City's default, the Rent Credit shall expire and the City shall have no obligation to reimburse Tenant for any unused Rent Credit. Furthermore, the Rent Credit granted herein shall be allowed only for the actual cost incurred by Tenant in constructing Tenant Improvements set forth in Section 4.2.2, and for no other personal improvement to the Premises. Tenant's request for Rent Credit, and City's obligation to grant the Rent Credit, is dependent on the costs being verified by the Harbor Department, signed and proof of payment of those costs accompanied by itemized receipts and such other documentation as may be required by the Harbor Department to verify that the expenditures were incurred and are eligible for Rent Credits.

4.3 Rental Adjustments. Provided this Agreement is not sooner terminated, annual Base Rent shall be adjusted as follows:

(a) First Compensation Year	Monthly Base Rent $46,077.15
(b) Second Compensation Year	Monthly Base Rent $50,845.51
(c) Third Compensation Year	Monthly Base Rent $52,184.60

4.3.1 Annual Adjustments. Effective March 1, 2024 (which date and subsequent annual anniversaries shall be referred to individually as "Annual Adjustment Date"), and every March 1 thereafter, the Base Rent shall be adjusted as of the Annual Adjustment Date automatically without further notice to reflect the percentage increase (*but in no event decrease*), if any, in the CPI-U, or successor index selected by the Executive Director in the Executive Director's sole reasonable discretion ("Annual Adjustments"). Such adjusted Base Rent shall be equal to the product obtained by multiplying the Base Rent amount in effect on the Annual Adjustment Date by a fraction, the numerator of which is the CPI-U index for the second month immediately preceding the Annual Adjustment Date, (the "Adjustment Index") and the denominator of which is the CPI-U index as it stood on the same month of the prior year (the "Base Index"). In no event shall the Annual

Adjustment be less than two percent (2%). For accounting purposes, the Annual Adjustment shall be rounded to the nearest hundredths place.

The formula illustrating the adjustment computation is as follows:

$$\text{Annual Adjusted Rent} = \text{Base Rent as of Annual Adjustment Date} \times \frac{\text{Adjustment Index}}{\text{Base Index}}$$

4.3.2 Five-Year Rate Adjustments.

4.3.2.1 Adjusted Base Rent. If applicable, in addition to, and not as a substitute for the Annual Adjustments required in Subsection 4.3.1, above, as required pursuant to the Charter Section 607, on every fifth (5^{th}) anniversary of the Effective Date ("Reset Date"), the Base Rent to be paid by Tenant for each five (5) year period, or any portion thereof, following the first five (5) year period of the Term ("Five-Year Adjusted Period") shall be adjusted to reflect the fair market rental for the Premises, *provided that in no case will the Base Rent be adjusted downward*. The Adjusted Base Rent shall be mutually agreed upon between the Parties at some time not more than nine (9) months and not less than three (3) months before each Reset Date. If the Parties are able to reach agreement on the Adjusted Base Rent, then said agreement shall be presented as a recommendation to the Board. The Adjusted Base Rent shall be established by order of the Board, provided that if the Adjusted Base Rent has not been determined by the beginning of the Reset Date, the Base Rent for the new Five-Year Adjusted Period, subject to the final Adjusted Base Rent being negotiated or determined by the Appraisal Process, shall be one hundred twenty five percent (125%) of the Base Rent for the former period, and shall be paid in the same manner as provided in this Section 4 until completion of the negotiations or the Appraisal Process procedure set forth below.

4.3.2.2 Appraisal Process. If the Parties cannot agree on the amount of the Adjusted Base Rent by sixty (60) days prior to the Reset Date, the following process to determine the Adjusted Base Rent shall apply (the "Appraisal Process"); provided, however, that the Parties may continue to negotiate during the Appraisal Process period and, if an agreement is reached, the Appraisal Process shall be terminated and the negotiated amount shall be presented as a recommendation to the Board. The Appraisal Process shall be:

(a) No later than fifty (50) days prior to the Reset Date, the Executive Director shall provide to Tenant a written statement of the Executive Director's determination of the Market Rent for the Five-Year Adjusted Period ("Determination Due Date"). If Tenant disagrees with the Executive Director's determination, Tenant must provide to City a written objection within ten (10) calendar days of

receipt of the Executive Director's determination. The written objection must include (i) the basis for Tenant's objection to the imposition of the new Adjusted Base Rent and (ii) Tenant's election to commence the Appraisal Process. Tenant acknowledges and agrees that Tenant's failure to submit a timely, written objection shall be deemed approval of the Executive Director's determination of the Adjusted Base Rent commencing on, and retroactive to, the Reset Date.

(b) If either (i) City has not provided Tenant with the Executive Director's determination of Market Rent by the Determination Due Date or (ii) Tenant has received the Executive Director's determination but elects to commence the Appraisal Process, within ten (10) calendar days following Tenant's notice of commencement of the Appraisal Process or ten (10) calendar days following the Determination Due Date, whichever is applicable, City and Tenant shall exchange the names and qualifications of three (3) appraisers, which appraisers shall possess the qualifications set forth in the attached Exhibit "C", and the Parties will utilize best efforts to agree, within ten (10) calendar days, upon a single qualified appraiser from that list whose scope of work shall be to determine the Market Rent as set forth in Exhibit "D". The selected appraiser shall be instructed to determine Market Rent within sixty (60) calendar days of the selection. The Parties shall cooperate with the selected appraiser to provide information or documents in their respective custody or control which are reasonably necessary to generate an appraisal in conformity with Exhibit "D". City shall retain the selected appraiser; however, the costs incurred for the appraisal shall be borne equally by City and Tenant. Tenant agrees to reimburse City for half the fees and costs for the appraisal within fifteen (15) days of receipt of an invoice for payment of same.

(c) If, despite best efforts, City and Tenant cannot agree upon such single appraiser within the aforementioned ten (10) calendar days, or if the selected appraiser fails to transmit the required appraisal report within ninety (90) calendar days following the appraiser's retention, City and Tenant shall each retain their own appraiser, possessing the qualifications set forth in the attached Exhibit "C" to determine the Market Rent pursuant to Exhibit "D", within no more than sixty (60) days, unless extended by mutual written agreement of the Parties. Fees and costs of each appraiser shall be borne by the Party retaining that appraiser.

(d) Appraisals generated pursuant to Subsections 4.3.2.2 (b) and (c), above, shall be submitted to the Board along with the Executive Director's recommendation for the Board's determination

of the appropriate Adjusted Base Rent, which determination shall be made at a public meeting. The Board shall review all the relevant facts and evidence, including the appraisals, submitted to it and shall then establish by order the Adjusted Base Rent to apply throughout the Five-Year Adjusted Period.

4.3.2.3 Reconciliation of Rent Payments. The monies paid at the one hundred twenty-five percent (125%) rate shall count against the Adjusted Base Rent which shall accrue from the date the Five-Year Adjusted Period commenced. If the Adjusted Base Rent is more than the Base Rent paid at the one hundred twenty-five percent (125%) rate, Tenant shall immediately pay City the difference due from the date the Five-Year Adjustment Period commenced to the date the Adjusted Base Rent is paid. If the Adjusted Base Rent is less than the amount paid at the one hundred twenty-five percent (125%) rate, Tenant shall be entitled to a credit against future sums owed to City under this Agreement. No interest shall accrue on the amount due to City or Tenant pursuant to this provision except to the extent Tenant fails to pay any deficiency within thirty (30) days of a billing from City. If Tenant's payments are delinquent, a delinquency charge shall accrue at the rate provided in Item No. 270 of the Tariff (or its successor), currently consisting of simple interest of 1/30 of two percent (2%) of the invoice amount remaining unpaid each day.

4.4 Reconciling Rent for Final Measurements. The Parties agree that the Rent shall be adjusted to reflect any changes in the final measurement of the Premises, or any improvements thereon, which are made pursuant to Subsection 102.3 (Modifications of Premises and Documents), without further action of the Board or the Council. City shall inform Tenant of the revised Rent by written notice and affix such notice as an Attachment to this Agreement.

4.5 No Waiver. It is agreed by the Parties that failure by the Parties to comply timely with the Rent adjustment procedures herein shall not be construed to constitute a waiver of the right of City to a Rent adjustment.

4.6 Additional Rent.

4.6.1 Payment; Definition of Rent. In addition to any other consideration under this Agreement, including without limitation any Base Rent, Tenant shall pay to City all Additional Rent, as listed below, when due. Base Rent and Additional Rent shall collectively be referred to herein as "Rent". All Rent shall be paid to City at the address to set forth in Subsection 103.2.2 (Payments), or at such other place as City may from time to time designate.

4.6.2 Tariff. Tenant shall pay City for any applicable Tariff Charges as Additional Rent.

4.6.3 Taxes and Impositions.

(a) Tenant shall timely pay all Taxes imposed with respect to this Agreement, the use or the operation of the Premises, including, without limitation, any documentary or other transfer or sales taxes, property or possessory interest taxes and any City of Los Angeles Business Tax applicable to the use and operation of the Premises. City reserves the right, without being obligated to do so, to pay the amount any such Taxes not timely paid by Tenant, and the amount so paid by City shall be deemed Additional Rent hereunder, due and payable by Tenant immediately upon demand by City.

(b) Tenant hereby agrees to pay as Additional Rent such assessments, fees and charges as shall be set by the Board and that shall be reasonable and not unjustly discriminatory.

(c) Notwithstanding this Subsection 4.6.3, Tenant does not waive its right to seek relief from a court of competent jurisdiction to the extent that such Tax, assessment, fee or charges are contrary to Applicable Law.

4.6.4 Utilities and Services. Tenant shall be liable for and shall pay all charges for services furnished to the Premises, including, without limitation, heat, power, telephone, water, light, janitorial services, security services and trash collection services, and any other services in connection with its occupancy of the Premises, including, without limitation, deposits, connection fees or charges and meter rentals required by the supplier of any such service. If any such services are not separately metered or billed to Tenant, Tenant shall pay a reasonable proportion, to be determined by City, of all charges jointly metered or billed. There shall be no abatement of Rent and City shall not be liable in any respect whatsoever for the inadequacy, stoppage, interruption or discontinuance of any utility or service due to riot, strike, labor dispute, breakdown, accident, repair or other cause beyond City's reasonable control or in cooperation with governmental request or directions. To the extent such utilities and services are provided by City, payment for same shall be Additional Rent. Tenant shall pay for twenty percent (20%) of monthly water bills for Berths 206-209 after deducting costs for any water used by Pasha's vessels. For example, if the monthly water bill equals $100.00 and Pasha's vessel uses $10.00 of water, Tenant's invoice would be calculated as follows: $90.00 x 20% = $18.00.

4.6.5 Rent for Non-permitted Uses. Use of the Premises for purposes not expressly permitted herein, whether approved in writing by the Executive Director or not, may result in additional charges, including charges required by the Tariff, as it may be amended or superseded. Imposing additional charges and receiving Additional Rent for non-permitted uses shall not waive City's rights to declare a default or limit City's remedies under this Agreement and at law.

4.6.6 Rent on New Improvements. With respect to additions, improvements or alterations to the structures on the Premises authorized by City and made by Tenant, at Tenant's sole expense, during the Term of this Agreement, Tenant shall not be charged Rent for the rental value thereof unless and until title to said additions, improvements, or alterations revert to City pursuant to the terms of this Agreement or by operation of law.

4.6.7 Other Amounts. Any amounts due and owing from Tenant that arise from or are related to its undertaking of the Permitted Uses or its occupancy of the Premises, including without limitation, service charges for services provided by the Harbor Department.

4.6.8 City's Net Return. The Parties intend that this Agreement shall constitute a "triple net lease" so that the Rent shall provide City with a "net" return for the Term, free of any expenses or charges with respect to the Premises, except as specifically provided in the Agreement. Accordingly, Tenant shall pay as Additional Rent and discharge, before delinquency (but subject to the terms of this Agreement, including any applicable cure periods), each and every item of expense, of every kind and nature whatsoever, including Impositions or other amounts customarily paid by a tenant under a "triple net lease" or otherwise payable by Tenant in accordance with the terms of this Agreement.

Section 5. Uses.

5.1 Permitted Uses. The Premises shall be used for the following purposes and no others: operation of chassis repair and maintenance facility, including welding, tire and wheel repair, road ability inspections and the repair of gen-sets and other related maritime uses ("Permitted Uses").

5.2 Limitations on Use. Tenant shall not use or allow the Premises or any part thereof to be used for purposes other than the Permitted Uses without the prior written approval of the Board (which approval may be withheld by the Board in its sole and absolute discretion), and subject to such restrictions, limitations and conditions as may be imposed by the Board.

5.3 Operating Covenant. Tenant shall manage and operate the Premises, or cause them to be managed and operated, as a maritime support facility, in a manner consistent with the manner and standard by which comparable facilities are managed and operated, and shall perform maintenance and capital improvements necessary to maintain the Premises in a manner comparable to that in which comparable facilities are maintained.

Section 6. Notices.

The Parties shall send all notices or other communication necessary under this Agreement in writing by personal service, or express mail, Federal Express, DHL, UPS or any other similar form of airborne/overnight delivery service, or mailing in the United

States mail, postage prepaid, certified and return receipt requested, addressed to the Parties at their respective addresses as follows:

If to City (or its Harbor Department:

Port of Los Angeles
425 South Palos Verdes Street
San Pedro, California 90731
Attn: Executive Director

with copies to:

Los Angeles City Attorney's Office
425 South Palos Verdes Street
San Pedro, California 90731

and to:

Real Estate Division
P.O. Box 151
San Pedro, CA 90733-0151

If to Tenant: Port Maintenance Group, Inc.
ATTN: Jack G. Rule, President
825 Parkcenter Drive, Suite 203
Santa Ana, CA 92705

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Any such notice shall be deemed to have been given upon delivery or two business days after deposit in the mail as aforesaid. Either Party may change the address at which it desires to receive notice upon giving written notice of such request to the other Party.

Section 7. **Reductions in Rent and Construction on the Premises**.

Tenant acknowledges and agrees that should the rent charged under this Agreement include a reduction from fair market value (in the form of a waiver, forgiveness, credit or otherwise) in connection with Tenant's performance of construction on the Premises, such construction shall be deemed a public work under Section 1720 of the California Labor Code, thereby triggering all requirements applicable to such public works, including but not limited to the payment of prevailing wages in the performance of such construction.

ARTICLE 1 – Sections 8 to 99, intentionally omitted.

ARTICLE 2 – STANDARD PROVISIONS

Section 100. Applicability of Article 2.

Notwithstanding anything in this Agreement to the contrary, in the case of any inconsistency between Article 1 and Article 2 of this Agreement, the provisions of Article 1 shall be controlling.

Section 101. Definitions.

All capitalized terms used and not defined in Article 1 or Article 2 shall have the meaning ascribed to them in the Glossary of Defined Terms attached hereto and incorporated herein as Attachment 1.

Section 102. Limitations and Additional Provisions Related to Premises.

102.1 Compliance with Applicable Laws; Executive Directives. At all times in its use and occupancy of the Premises and in its conduct of operations thereon, Tenant, at its sole cost and expense, shall comply with all Applicable Laws. In addition to the foregoing, Tenant shall comply immediately with any and all directives issued by the Executive Director under authority of any such Applicable Law. It is the Parties' intent that Tenant shall make, at Tenant's sole cost and expense, any and all alterations, improvements and changes, whether structural or nonstructural, that are required by Applicable Law.

102.2 Reservations. This Agreement and the Premises are and shall be at all times subject to the reservations and exclusions listed below and additional reservations City may reasonably require after the Effective Date, of which Tenant shall receive advance written notice, for which Tenant shall receive no compensation unless otherwise provided in this Agreement.

102.2.1 Utilities or other Rights-of-Way. Rights-of-way for sewers, pipelines (public or private), conduits for telecommunications, electric, gas, and power lines, as may from time to time be determined to be necessary by the Board, including the right to enter upon, above, below or through the surface to construct, maintain, replace, repair, enlarge or otherwise utilize the Premises for such purpose, without compensation or abatement of Rent and with as minimal interference with the Permitted Uses as possible.

102.2.2 Streets and Highways. Rights-of-way for streets and other highways and for railroads and other means of transportation which are apparent from a visual inspection of the Premises or which shall have been duly established or which are reserved herein, provided that the exercise of such right after the Effective Date does not materially interfere with the Permitted Uses.

102.2.3 Telecommunication and Utility Equipment. Access, temporary occupancy and the right of City or third-parties selected by City in its sole and

absolute discretion to install, operate, maintain and repair telecommunication and utility equipment, without compensation or abatement of Rent unless otherwise agreed to in writing by City. City shall minimize any interference with the Permitted Uses to the extent possible.

102.2.4 Homeland Security. Access, temporary occupancy and other rights reasonably necessary to comply with homeland security or related requirements of local, state and federal law enforcement agencies or the Harbor Department. City reserves the right to install, maintain and operate on the Premises equipment related to homeland security and/or public safety with seventy-two (72) hours prior written notice to Tenant without compensation or abatement of Rent unless otherwise agreed to in writing by City.

102.2.5 Environmental Initiatives. Access, temporary occupancy and other rights reasonably necessary to comply with environmental initiatives and/or policies of City, local, state and federal agencies or the Harbor Department, provided that the exercise of such rights do not materially interfere with the Permitted Uses.

102.2.6 Prior Exceptions. All prior exceptions, reservations, grants, easements, leases or licenses of any kind whatsoever that appear of record in the office of the Recorder of Los Angeles County, California, or in the official records of City or any of its various departments.

102.2.7 Mineral Rights Excluded. All minerals and mineral rights of every kind and character now known to exist or hereafter discovered, including, without limiting the generality of the foregoing, oil, gas and water rights, together with the full, exclusive and perpetual rights to explore for, remove and dispose of said minerals, or any part thereof, from the Premises, without, however, the right of surface entry on the Premises.

102.3 Modification of Premises and Documents.

102.3.1 Final Measurement. The Premises may be subject to final measurement by City. To the extent that the final measurements differ from Exhibit "A", the Harbor Engineer shall: (i) revise Exhibit "A" to reflect the correct measurements of the Premises and any improvements thereon; (ii) renumber the revised Exhibit "A" as Exhibit "A-1"; and (iii) transmit Exhibit "A-1" to Tenant. Upon City's transmittal to Tenant, such revised and renumbered Exhibit "A-1" shall be deemed to: (i) be incorporated into this Agreement without further action of the Board or the Council; and (ii) supersede Exhibit "A".

102.3.2 Modifications. Addition or deletion of Premises for which Tenant is charged, not to exceed a cumulative total of ten percent (10%) of the originally designated Premises, may be made by mutual agreement of the Parties, so long as such change in area is not a temporary use of substitute premises as set forth

in Tariff Item 1035 (or its successor) or not temporary as determined by City in its sole reasonable discretion. Such addition or deletion shall be by written amendment and shall specify appropriate adjustments in Rent and shall not require approval by the Board or the Council unless the modification involves an amount in excess of the Executive Director's contracting authority, as that amount may be amended from time to time, in which case prior Board approval shall be required. The Executive Director shall revise and replace the following: (i) Section 2 (Premises) (ii) Section 4 (Rent and Other Tenant Payments), and (iii) Exhibit "A", as necessary to conform to these modifications.

102.4 Inspection by Tenant; No Warranties by City. Tenant acknowledges that it has inspected the Premises in contemplation of entering into this Agreement and occupying the Premises for the Permitted Uses, including the construction of improvements, if any, and acknowledges and agrees that:

(a) Tenant is accepting the Premises as set forth in Subsection 2.2 (Acceptance and Surrender), that is, without representation or warranty with respect thereto, express or implied, except only as set forth in this Agreement, with regard to the physical or other condition of the Premises, including the existence of any Hazardous Substances thereon, soils condition, the presence or absence of archeological or historical remains or suitability for the intended use;

(b) Tenant has determined for itself, that the Premises are suitable for the Permitted Uses; and

(c) No individual of, or affiliated with, City has made any representation or warranty with respect to the Premises or improvements existing or planned or to the suitability of the Premises for the Permitted Uses, unless the nature and extent of such representation or warranty is described in writing and attached hereto.

102.5 No Conveyance of Fee Estate. The Parties acknowledge and agree that this Agreement does not transfer or convey the Fee Estate of the Premises, and that any grant or conveyance under this Agreement is solely of the leasehold estate thereto.

102.6 Temporary Assignments. By issuing this Agreement, City does not grant to Tenant the sole or exclusive right to use the Premises. Whenever the Premises, excepting the office building occupied by Tenant, if any, are not being used, in whole or in part, by Tenant for the Permitted Uses or if City requires the Premises on a project or emergency basis, the Executive Director shall have the right, subject to Tenant's consent (which consent shall not be unreasonably withheld), to make temporary assignments to other persons, firms and/or corporations to use the Premises, or any part thereof, as provided in the Tariff. Any direct charges accruing against Tenant from the use of the Premises by a temporary user, and the allocated costs of utilities which Tenant furnishes to such temporary user, shall be paid by such temporary user. City and Tenant agree to negotiate in good faith regarding any other terms and conditions of such temporary assignments.

102.7 Waste or Nuisance. Tenant shall not use the Premises in any manner that constitutes waste or nuisance.

102.8 Load Limits. City warrants and represents that wharfs and paving on the Premises will support the load limits specified in Exhibit "B." Tenant shall allow no loading in excess of such limits without the prior written consent of the Harbor Department, which consent may be provided by a Harbor Engineer's Permit or a Heavy Lift Permit. Upon receipt of a notice from City that the load limits on Exhibit "B" have been exceeded, Tenant immediately shall take all appropriate steps to correct such condition and, irrespective of such notice, shall, as between City and Tenant, be solely responsible for any cost, expense or damage resulting from exceeding the load limits.

102.9 Wilmington Truck Route. City and Tenant acknowledge that Tenant does not directly control the trucks serving the Premises. However, Tenant shall make its best efforts to notify truck drivers, truck brokers and trucking companies that trucks serving the Premises must confine their route to the designated Wilmington Truck Route ("Wilmington Truck Route" attached hereto as Exhibit "E"). The Wilmington Truck Route may be modified from time to time at the sole and absolute discretion of the Executive Director. The Harbor Department shall provide Tenant with notice of any modifications to the Wilmington Truck Route.

102.10 Maintenance Areas. Tenant shall not conduct or permit any maintenance of mobile or portable equipment on the Premises except in full compliance with all Applicable Laws attendant to the Premises and its use, including without limitation, all Environmental Laws and Mitigation Measures as hereinafter defined.

102.11 Responsibility for Financing. Tenant covenants that any financing required in connection with the use the Premises, including without limitation development and operation, shall be the sole responsibility, cost and expense of Tenant.

102.12 Tenant to Supply Necessary Labor and Equipment. Tenant shall, at its sole cost and expense, provide all equipment and labor necessary to undertake the Permitted Uses; provided, however, that nothing contained herein shall prevent Tenant from using such equipment as may be installed by City at the Premises upon the payment to City of all applicable charges.

102.13 Liens; Indemnity. Except where contested by Tenant in good faith in a court of competent jurisdiction, and except for non-delinquent liens arising from taxes or tax assessments, Tenant shall keep the Premises free from liens of any kind or nature arising out of its use and/or occupancy of the Premises, including any liens arising out of any labor performed for or materials furnished to or on behalf of Tenant on the Premises. Tenant agrees that it shall at all times defend and indemnify City from and against all claims for labor or materials in connection with the construction, erection or installation of improvements made by Tenant upon the Premises, or from additions or alterations made to any improvements on the Premises, or the repair of the same, by or at the direction of

Tenant, and the costs of defending against any such claim, including reasonable attorneys' fees. If a mechanic's or other similar lien shall at any time be filed against City's interest in the Premises, which is not contested by Tenant in good faith in a court of competent jurisdiction, Tenant shall: (i) cause the same to be discharged of record within thirty (30) days after the date of filing the same; or, (ii) otherwise free the Premises from such claim or lien and any action brought to foreclose such lien; or, (iii) promptly furnish City with a bond in the amount of the lien plus twenty-five percent (25%) thereof issued by a surety company, acceptable to the Executive Director, securing City against payment of such lien and against any and all loss or damage whatsoever in any way arising from the failure of Tenant to discharge such lien.

102.14 Tenant Telecommunications Equipment. Tenant shall coordinate with the Harbor Department and any other applicable Governmental Agencies prior to installing any radio or telecommunications equipment to ensure that frequencies do not interfere with public safety communications or radio frequencies.

102.15 Property of Tenant. All property brought onto the Premises by Tenant, or in the care, custody or control of Tenant, to undertake the Permitted Uses or otherwise shall be and remain the property of Tenant, subject to the terms and conditions contained herein, and shall be there at the sole risk of Tenant. Tenant hereby waives all claims against City with respect to such property, except for injury or damage to such property caused by City's sole negligence or willful misconduct.

102.16 Quiet Enjoyment. City covenants that, so long as this Agreement has not expired or terminated in accordance with its terms and Applicable Laws attendant to the Premises and its use, Tenant shall and may peaceably and quietly have, hold and enjoy the Premises for the Term so long as the Premises are used in compliance with the State Tidelands Trust. By such covenant, City makes no representation or warranty as to the condition of title of the Premises or the suitability of the Premises for the Permitted Uses. Tenant's sole remedy for breach of this Subsection 102.16 shall be an action for specific performance.

102.17 Local Job Participation; Living Wage. In furtherance of the policies of the Board and the Council, Tenant shall strive to achieve the goals of local job participation in the use and operation of the Premises and the Living Wage Ordinance of the City of Los Angeles as defined in the City of Los Angeles Administrative Code Section 10.37.

102.18 Provision of Safe Environment. Tenant shall provide for a safe environment on the Premises and follow the Harbor Department's Homeland Security rules and regulations, including without limitation, Tariff Section 2, item 298, (or its successor) and all other Applicable Laws.

Section 103. Additional Provisions Related to Rent.

103.1 Premises Subject to Tariff. Tenant accepts the Premises and shall undertake the Permitted Uses subject to each and every of the terms and conditions provided in this Agreement, and to each and every of the applicable rates, terms and conditions of the Tariff as it now exists, or as it may be temporarily amended or permanently amended or superseded. Tenant represents and warrants that it has received, read and understands the rates, terms and conditions of the Tariff and covenants that, at all times during the term of this Agreement, it shall maintain a complete and current Tariff at the address set forth in Section 6 (Notices). Except as otherwise set forth in this Agreement, Tenant is contractually bound by all Tariff rates, terms and conditions as if the same were set forth in full herein. City in its sole and absolute discretion shall determine if a conflict exists between a provision of this Agreement and a Tariff provision. In the event of such conflict, this Agreement shall at all times prevail.

103.2 Requirements Applicable to Tenant's Payment of Rent.

103.2.1 Tenant's Obligation to Pay; No Right of Set-Off. Notwithstanding any other provision of this Agreement, Tenant's obligations to pay Rent to City according to the terms and conditions of this Agreement shall be absolute and unconditional and shall be unaffected by any circumstance, including, without limitation, off-set, counterclaim, recoupment, defense or other right which Tenant may have against City.

103.2.2 Payments. Tenant shall render its payments at the Harbor Department Administration Building or any other place that City from time to time may designate in writing. All payments due to City under this Agreement shall be made in U.S. Dollars, either in the form of a check (drawn on a bank located in the State of California) or via electronically transmitted funds.

103.2.3 Proration of Payments. If any payment by Tenant is for a period shorter than one calendar month, the Rent for that fractional calendar month shall accrue on a daily basis for each day of that fractional month at a daily rate equal to 1/365 of the total annual Rent then due and payable. All other payments or adjustments that are required to be made under the terms of this Agreement and that require proration on a time basis shall be prorated on the same basis.

103.2.4 Labor Disturbance. If, by reason of strikes, other labor disputes, lockouts, or other work stoppages of which Tenant did not directly or indirectly cause and/or to which Tenant is not a party ("Labor Disturbance"), occurring at the Premises and lasting more than (30) days, Tenant is prevented from making substantial use of Premises to undertake the Permitted Uses, the Rent for the period during which the Labor Disturbance occurs shall be proportionately adjusted, commencing the thirty-first (31st) day after commencement of such Labor Disturbance, provided Tenant has, prior to such date, given City written notice of such Labor Disturbance including its assertion that it has not caused such disturbance, and such reduction shall be applicable from and after said thirty-first (31st) day until Tenant is able to make substantial uses of the Premises to undertake the Permitted Uses.

103.2.5 Force Majeure Not Applicable. Any Force Majeure provision or principle, including, without limitation, the provisions of Section 110 (Force Majeure), shall not apply to any of Tenant's Rent Payment Obligations.

103.2.6 Deposits.

103.2.6.1 Security Deposit. As a condition precedent to the effectiveness of this Agreement, Tenant shall deposit with the Board a sum equal to three times the Monthly Rent due for the first full three months of the Agreement. Said deposit shall be in cash or a standby letter of credit, or equivalent, in a form approved by City. Said deposit may be used to cover delinquent Rent and other obligations under this Agreement. This deposit shall not, in any way, reduce Tenant's liabilities under this Agreement unless specifically stated in writing by City and approved by the Board. In the event that all or part of such deposit is used to apply against Rent due and unpaid or other obligations due and unpaid, Tenant shall immediately make another deposit in an amount equal to the amount so used, so that at all times during the term of this Agreement said deposit shall be maintained in the sum stated above, or as increased pursuant to Subsection 103.7.6.2, below. Two percent (2%) of the value of the standby letter of credit, or its equivalent shall be deducted and paid to a Harbor District maintenance fund and shall be non-refundable. Upon the expiration or earlier termination of this Agreement, the Executive Director may release the standby letter of credit or its equivalent and refund the remaining ninety-eight percent (98%) of the Security Deposit to Tenant, provided that Tenant is in compliance with all the terms and conditions of this Agreement.

103.2.6.2 Increased Security Deposit. If, for any reason, Tenant's Monthly Rent obligation to City is increased in excess of ten percent (10%), the amount of Tenant's Deposit shall, within thirty (30) days after receiving written notice from City, correspondingly be increased to a sum three (3) times the new Monthly Rent obligation.

103.2.6.3 Port Environmental Fund Deposit. In addition to the Security Deposit, Tenant shall deposit with the Board a sum equal to one percent (1%) of the Base Rent up to $100,000 per year, for deposit into the Port's general environmental clean-up and restoration fund to be used by City if Tenant fails to remediate a Term Release fully or if Tenant fails to restore the Premises fully at the expiration or earlier termination of the Agreement. Any funds not needed for a Term Release or for Restoration shall be refunded to Tenant.

103.2.7 Delinquent Payments. Payments required to be made by this Section 103 which have not been paid within ten (10) calendar days of the date such payments are due shall be subject to a delinquency charge which shall

accrue at the rate provided in Item No. 270 of the Tariff, currently consisting of simple interest of 1/30 of two percent (2%) of the amount remaining unpaid each day. Tenant acknowledges that it knows the day of the month its payments hereunder are due and that such payments are due to be made from that date and not the date of City's invoice, if any. The delinquency service charge shall be imposed whether or not a deposit required by Subsection 103.2.6, above, is applied to the amount due. City has the unqualified right, upon thirty (30) days' prior written notice to Tenant, to change the level of the delinquency service charge.

Section 104. Tenant's Environmental Obligations During Term of Agreement.

104.1 Intentionally Blank

104.2 Tenant Responsibility for Existing Condition of the Premises.

104.2.1 Existing Conditions. Tenant has accepted the Premises in an "AS IS" condition as set forth Subsection 2.2 (Acceptance and Surrender). As such, Tenant shall be responsible for remediation of all contaminants which may be on, below or emanating from the Premises whether or not such contamination occurred before or after Tenant took possession of the Premises unless a Baseline Report for the Premises is obtained as set forth below.

104.2.2 Baseline Conditions, City's Baseline Report. Notwithstanding Subsection 104.2.1, above, Tenant acknowledges and agrees that it has reviewed and approved the document attached hereto as Exhibit "F-1", if any, which document constitutes the written depiction of the environmental condition of the Premises on the Effective Date ("Baseline Condition") and which hereinafter shall be referred to as the "City's Baseline Report." Tenant shall be responsible only for contamination above the Baseline levels for those contaminants covered in the City's Baseline Report. Any contaminates not analyzed in the Baseline Report, any contamination which occurred as a result of Tenant Prior Occupancy as set forth in Subsection 104.2.4 (Existing Contamination), and any Term Contamination shall be the sole responsibility of Tenant.

104.2.3 Baseline Conditions, Tenant's Baseline Report. Notwithstanding Subsection 104.2.1, above, if the City has not determined the Baseline Condition and Tenant elects, at its sole cost and expense, to prepare a Baseline Report depicting the Baseline Condition, and the Tenant's Baseline Report is approved by City, in its sole but reasonable discretion, ("Tenant's Baseline Report") attached hereto as Exhibit "F-2", if any, then the Tenant's Baseline Report shall establish the condition of the Premises as of the Effective Date. Tenant shall be responsible only for contamination above the Baseline levels for those contaminants covered in the Tenant's Baseline Report. Any contaminates not analyzed in Tenant's Baseline Report, any contamination which occurred as a result of Tenant Prior Occupancy as set forth in Subsection 104.2.4 (Existing Contamination) and any Term Contamination shall be the sole responsibility of Tenant.

104.2.4 Existing Contamination. City and Tenant acknowledge that prior to the Effective Date, the Premises, or portions thereof, were occupied by Tenant under Space Assignments 18-14, 19-40, 20-12, and 20-28, or an Affiliate of Tenant, or by an assignor or transferor to Tenant, under an entitlement or agreements separate from this Agreement ("Tenant Prior Occupancy") and that as a result of such prior use and occupancy, the Premises (and/or areas adjacent to the Premises) on the Effective Date may possess contamination ("Existing Contamination").

104.3 Tenant Responsibility for Term Contamination.

104.3.1 Remediation. Tenant shall remediate or cause the remediation of any Term Releases, including any Existing Contamination that is not covered by a Baseline Report, such that the affected Premises (and/or areas adjacent to the Premises) are left: (a) in the Baseline Condition if a Baseline Report was prepared and approved by City or (b) in an environmental condition that fully complies with the guidelines of, orders of, or directives of the Governmental Agency or Agencies that have assumed jurisdiction, if any, whichever of the two is stricter, and in conformance with Harbor Department then existing remediation procedures, and free of encumbrances, such as deed or land use restrictions, except those that may be imposed as a result of the presence of Environmentally Regulated Material despite Tenant's compliance with the foregoing requirement. As between City and Tenant, Tenant shall bear sole responsibility for all Term Contamination and any costs related thereto.

104.3.2 Tenant Responsibility; Indemnity. Except for Baseline Conditions which are depicted in the City's Baseline Report or the Tenant's Baseline Report, as the case may be, which are not Existing Contamination which occurred during Tenant Prior Occupancy, or conditions of the Premises resulting from City or third-party activities on or about the Premises when Tenant is required by this Agreement to allow City or such third-parties onto the Premises under a temporary assignment pursuant to Subsection 102.6 (Temporary Assignments), or whose access to the Premises has been requested by City pursuant to Subsection 102.2 (Reservations), Tenant bears sole responsibility for full compliance with any and all Applicable Laws regarding the use, storage, handling, distribution, processing, and/or disposal of Environmentally Regulated Material, regardless of whether the obligation for such compliance or responsibility is placed on the owner of the land, on the owner of any improvements on the Premises, on the user of the land, or on the user of the improvements. Except for Baseline Conditions which are not Existing Contamination which occurred during Tenant Prior Occupancy, or conditions of the Premises resulting from City or third-party activities on or about the Premises when Tenant is required by this Agreement to allow City or such third-parties onto the Premises as described above, Tenant agrees that any claims, damages, fines or other penalties asserted against or levied on City and/or Tenant as a result of noncompliance with any Environmental Laws shall be the

sole responsibility of Tenant and that Tenant shall indemnify and hold City harmless from any and all such claims, damages, fines and penalties, as well as any costs expended to defend against such claims, damages, fines and penalties, including attorneys' and experts' fees and costs that result from Term Contamination or Tenant's non-compliance with any applicable Environmental Law during the Term regarding the use, storage, handling, distribution, processing and/or disposal of Environmentally Regulated Material. City shall provide Tenant with sixty (60) days' notice to comply with any claims, damages, fines and penalties, or if Tenant has not complied with such claims, damages, fines and penalties, or if Tenant has not requested a meet and confer to discuss compliance within such sixty (60) days, then City, at its sole option, may pay such claims, damages, fines and penalties resulting from Tenant's noncompliance with any of the Environmental Laws, and Tenant shall indemnify and reimburse City for any such payments. As between Tenant and City, City shall indemnify and hold Tenant harmless, to the extent allowed by Applicable Law, from any and all such claims, damages, fines and penalties, including attorneys' and experts' fees and costs, that result from any Baseline Condition other than for Existing Contamination which occurred during Tenant Prior Occupancy whether or not the Existing Contamination was included in the Baseline Report.

104.3.3 Rebuttable Presumption When Baseline Report Prepared. Tenant acknowledges and agrees that a presumption shall exist that any contamination not specifically depicted and analyzed in the City's Baseline Report or the Tenant's Baseline Report, as the case may be, constitutes Term Contamination for which, as between City and Tenant, Tenant is solely responsible. City shall provide written notice of the existence of any such contamination to Tenant. Tenant may rebut such presumption by providing to City, within ninety (90) days of City's written notice, conclusive evidence demonstrating that such contamination is not Term Contamination. Otherwise, such presumption shall be deemed confirmed making Tenant solely responsible for such contamination. Whether any information submitted by Tenant rebuts the aforementioned presumption shall be within the City's sole and absolute discretion, exercised reasonably and in good faith. This provision shall survive the expiration or earlier termination of this Agreement.

104.4 Tenant Obligations In the Event of a Term Release.

104.4.1 Duty to Remediate. Upon discovery of any Term Contamination, Tenant shall, at its sole cost remediate the Term Contamination in accordance with Subsection 104.3 (Tenant Responsibility for Term Contamination).

104.4.2 Compliance with Government Agency Orders. If Applicable Law requires Tenant to report a Term Release to a Governmental Agency, Tenant shall so report and thereafter, if such Governmental Agency asserts jurisdiction over such Term Release, Tenant shall, at its sole cost and expense as between City and Tenant, manage the Term Release consistent with Environmental Laws and the directives of the Governmental Agencies with jurisdiction, if any. If a schedule

for such Term Release management is not prescribed by Environmental Laws, or the directives of the Governmental Agencies with jurisdiction if any, the Harbor Department shall reasonably prescribe such schedule in consultation with Tenant.

104.4.3 Site Characterization. Whether a Governmental Agency asserts jurisdiction over Term Contamination or not, Tenant shall characterize (including sampling and analysis) and remediate all Term Contamination in conformity with Environmental Laws to levels determined in the sole discretion of the Executive Director. Relevant and current guidance documents published by regulatory agencies (including but not limited to, the South Coast Air Management District, the Los Angeles Regional Water Quality Control Board, the Los Angeles Fire Department (local CUPA), the California Department Toxics Substances Control, the United States Environmental Protection Agency, and the Occupational Safety and Health Administration) shall be referenced and incorporated into work plans, site investigations and risk evaluations, and during the development and implementation of Term Contamination cleanup measures. Project planning, execution, and documentation shall be compliant with the terms as set forth in the National Contingency Plan (CFR 40, Part 300). The Tenant shall provide copies of project-relevant documents (including Work Plans, Reports, Remedial Action Plans, and Progress Reports) for Harbor Department review and approval prior to implementing field investigations, studies, or cleanups.

104.4.4 Copies to City. Tenant shall provide copies to City of all communications between Tenant (and any third-parties acting for or on its behalf), and any Governmental Agency with jurisdiction regarding all Term Releases and Term Contamination.

104.4.5 City's Rights to Remediate. If Tenant fails to wholly or partially fulfill any obligation set forth in Subsection 104.3 (Tenant Responsibility for Term Contamination), City may (but shall not be required to) take all steps it deems necessary to fulfill such obligation. Any action taken by City shall be at Tenant's sole cost and expense and Tenant shall indemnify and pay for and/or reimburse City for any and all costs (including any administrative costs) City incurs as a result of any such action it takes.

104.5 Environmentally Regulated Material on Premises. Tenant shall not cause or permit any Environmentally Regulated Material to be generated, brought onto, handled, used, stored, transported from, received or disposed of (hereinafter sometimes collectively referred to as "handle" or "handled") in or about the Premises, except for: (i) limited quantities of standard office and janitorial supplies containing chemicals categorized as Environmentally Regulated Material; (ii) Environmentally Regulated Material set forth in Exhibit "G" which are necessary for Tenant to undertake the Permitted Uses; and (iii) Environmentally Regulated Material handled in conformity with all state and federal environmental regulations. Tenant shall handle all such Environmentally Regulated Material in strict compliance with Environmental Laws in effect during the term of this Agreement or any holdover. Tenant shall provide City with a report including an updated Exhibit "G" which reflects all additional Environmentally Regulated Material

necessary for Tenant to undertake the Permitted Uses only if there are changes to Exhibit "G".

104.6 Environmental Compliance.

104.6.1 Generally; Notice. In its use and occupancy of the Premises, Tenant shall comply (and shall immediately halt and remedy any incident of non-compliance) with: (a) Environmental Laws; (b) all applicable environmental policies, rules and directives of the Harbor Department as set forth on Exhibit "H" hereto; and (c) following certification of the environmental document required by the California Environmental Quality Act for the development at the Premises intended to implement the any improvements or legally entitle hereunder an additional term of use and occupancy of the Premises, the environmental mitigation measures ("Mitigation Measures") and Mitigation Monitoring and Reporting Program (or "MMRP") and other Environmental Compliance Requirements, if any, set forth collectively in Exhibit "I" hereto. Tenant shall immediately upon receipt provide City with copies of any notices or orders or similar notifications received from any Governmental Agency regarding compliance with any Environmental Laws.

104.6.2 Revision of Mitigation Measures and Environmental Compliance Requirements. Following the Effective Date, upon mutual written agreement of the Board and Tenant, or through other measures incorporated into this Agreement, the Board may revise Exhibit "I".

104.7 Environmental Audits. Tenant shall perform annual written audits of its compliance with the Mitigation Monitoring and Reporting Program and Environmental Compliance requirements described in Exhibit "I". The results of such audits shall be maintained on Premises for review by City. City shall have the right to conduct, at its sole cost and expense, periodic audits of Tenant's compliance with the Mitigation Monitoring and Reporting Program and Environmental Compliance Requirements described in Exhibit "I". Tenant shall provide access to backup materials necessary for City to conduct such audits. Upon completion of such audits, should Tenant so request in writing, City shall provide Tenant with copies of any written reports or resulting from such audits.

104.8 Waste Disposal. In discharging its obligations under this Section 104, if Tenant disposes of any soil, material or groundwater contaminated with Environmentally Regulated Material, shall maintain copies of all records, including a copy of each uniform hazardous waste manifest indicating the quantity and type of material being disposed of, the method of transportation of the material to the disposal site and the location of the disposal site. Tenant shall supply copies of such records to the City promptly upon City's request. The name of the City of Los Angeles, the Port of Los Angeles or the Harbor Department shall not appear on any manifest document as a generator of such material.

104.9 Laboratory Testing. In discharging its obligations under this Section 104, all analyses shall be conducted at a laboratory certified for such analyses by the Los Angeles Regional Water Quality Control Board or other similar laboratory of which the

Harbor Department shall approve in writing. By signing this Agreement, Tenant hereby irrevocably directs any such laboratory to provide City, within thirty (30) days, upon written request from City, copies of all of its reports, test results, and data which are prepared in accordance with the requirements of this lease and/or regulatory agencies. Should Tenant fail to provide City with the requested information within thirty (30) days, City has the right to obtain such information directly from the laboratory. Tenant hereby irrevocably directs any such laboratory to provide City, upon written request from City, copies of all of its reports, test results, and data gathered. As used in this Subsection 104.9, "Tenant" includes agents, employees, contractors, subcontractors, and/or invitees of the Tenant.

104.10 Survival of Obligations. Except as otherwise provided in this Section 104, this Section 104 and the obligations herein shall survive the expiration or earlier termination of this Agreement.

Section 105. Alteration of Premises by Tenant.

105.1 Alterations Require City Authorization. Tenant acknowledges City's interest in controlling the manner in which physical changes are made to the Premises after the Effective Date and covenants that, other than maintenance and repair undertaken in compliance with Section 108, it shall make no improvements, alterations, additions, modifications, or changes to the Premises including but not limited to the construction of works or improvements or the changing of the grade of the Premises or which effect the structural integrity of the Improvements on the Premises or which substantially change the value or utility of the Improvements ("Alteration") without obtaining the Executive Director's prior written authorization to undertake such Alteration and no Alterations shall be made for the purpose of altering the Permitted Uses unless approved in advance in writing by the Harbor Department which approval shall be in the Harbor Department's sole and absolute discretion.

105.2 Authorization Procedure. When so required, Tenant shall obtain written authorization to undertake an Alteration according to the following procedure:

105.2.1 Application for Port Permits. If Tenant desires to undertake an Alteration, Tenant shall submit to the Harbor Department a complete Application for Port Permits ("APP") that attaches a complete set of drawings, plans, and specifications reflecting the proposed Alteration. Such drawings, plans and specifications shall be prepared and stamped by a licensed engineer registered in the State of California. Tenant bears sole responsibility for the completeness of such submittal.

105.2.2 Harbor Engineer's General Permit. The Harbor Engineer shall have the right to require changes to the drawings, plans and specifications Tenant submits in connection with such APP. If the Harbor Engineer orders such a change and Tenant believes that such a change will have any detrimental effect on the structural integrity of the works, project or improvements, or increase any hazard to life or property, Tenant shall immediately notify the Harbor Engineer. If Tenant fails to provide such notification, the drawings, plans and specifications shall be

treated for all purposes as if they had been originally prepared by Tenant, as changed. The Harbor Engineer's approval of Tenant's submittal, if any, shall be reflected by issuance of a Harbor Engineer's General Permit.

105.2.3 Non-Harbor Department Permits. Tenant acknowledges that, in addition to obtaining a Harbor Engineer's General Permit, Tenant additionally may be required to obtain permits and authorizations with respect to the proposed Alteration from City, federal and state bodies ("Non-Harbor Department Permits"), the issuance of which the Harbor Department does not control. In any event, obtaining the Harbor Engineer's General Permit and any Non-Harbor Department Permits necessary to undertake the proposed Alteration is and shall be the sole responsibility of Tenant. Every Alteration made by Tenant shall conform with Applicable Laws, as well as with the plans and specifications as approved by the Harbor Engineer.

105.2.4 Tenant's Obligation to Obtain All Permits. Tenant acknowledges that issuance of the Harbor Engineer's General Permit shall be conditioned upon Tenant's demonstration that it has obtained all Non-Harbor Department Permits with respect to the proposed Alteration as may be required by entities other than the Harbor Department.

105.2.5 Tenant's Obligation to Obtain All Environmental Clearances. Tenant acknowledges that the Alterations may require compliance with all Environmental Laws, including, but not limited to, compliance with CEQA. Tenant shall reimburse City for all expenses it incurs in conjunction with the review and preparation of any needed environmental clearance for the Alterations.

105.2.6 Payment of City Fees and Reimbursement of City Costs. Tenant acknowledges that City shall incur costs in processing Tenant's APP and agrees that such costs are the sole responsibility of Tenant. Tenant shall submit any fees established by the Harbor Department for processing APPs. Additionally, within fifteen (15) days of receiving an invoice by City, Tenant shall reimburse City for any extraordinary costs not covered by such fees, including without limitation, costs incurred in preparing and processing any environmental clearance for the Alteration.

105.2.7 City Inspection; Corrective Action. Tenant acknowledges that City may perform inspections of the Alteration to ensure that such Alteration conforms with the permits issued. Tenant shall undertake any corrective measures reasonably requested by City as a result of such inspections.

105.3 Notice of Commencement and Completion of Work. Tenant shall give advance written notice to the Harbor Engineer of the date it will commence any construction. Within thirty (30) days of completion of construction, Tenant shall provide written notice to the Harbor Engineer of the date of such completion, copies of "as-built" plans for such construction, copies of all permits issued in connection with such

construction and copies of all documentation issued in connection with such completed construction, including but not limited to inspection reports and certificates of occupancy.

105.4 Cost of Permits. Tenant, at its sole cost and expense, shall obtain all permits necessary for such construction.

105.5 Cost of Construction. All construction by Tenant pursuant to this Section 105 shall be at Tenant's sole cost and expense. Tenant shall keep the Premises and improvements constructed free and clear of liens for labor and materials and shall hold City harmless from any responsibility in respect thereto.

105.6 Construction Contractors. Tenant shall require by contract that its construction contractors and subcontractors comply with all Applicable Laws.

105.7 Tenant's Cost for Governmental Agency Requirements. Any modification, improvement, or addition to the Premises and any equipment installation required by the City Fire Department, City Department of Building and Safety, Air Quality Management District, California or Regional Water Quality Control Board, United States Coast Guard, Environmental Protection Agency, Department of Homeland Security or any other local, regional, state or federal agency in connection with Tenant's undertaking of the Permitted Uses shall be constructed or installed at Tenant's sole cost and expense.

Section 106. [Intentionally Omitted].

Section 107. Utilities.

107.1 Generally. Tenant shall maintain on the Premises as-built drawings that identify the precise location of any pipelines, utilities or similar improvements of any type, that Tenant places on the Premises, or which were placed on the Premises by others and accepted by Tenant for use of the Premises, whether placed above or below ground, (which for the purposes of this Section 107, are collectively referred to as "utilities"). Upon twenty-four (24) hours' written notice by the Harbor Department, Tenant shall undertake at its sole cost and expense whatever measures are reasonably necessary, including subsurface exploration for any utilities or any other substructure placed on the Premises by Tenant, or placed by others and accepted by Tenant for use of the Premises, to precisely locate the position of such items if the Harbor Department considers the as-built drawings as insufficient to locate such items. Tenant agrees any work necessary to locate such items or any damage which may result from the location being incorrectly described, whether incurred by Tenant or the Harbor Department, shall be borne exclusively by Tenant. Exploration and preparation of all documentation recording the location of lines or structures shall be completed within the time specified in said notice, which time shall be commercially reasonable. The subsurface exploration shall verify the vertical as well as the horizontal location of all utilities and substructures. Documentation reflecting the results of said exploration shall be filed with the Chief Harbor Engineer.

107.2 Harbor Department Right to Locate. If Tenant neglects, fails or refuses within the time specified in said notice to begin or fails to prosecute diligently to complete

the work of locating any utilities or any other substructure placed on the Premise by Tenant, or placed by others and accepted by Tenant for use of the Premises, the Harbor Department shall provide written notice to Tenant which shall specify such neglect, failure or refusal. Upon delivery of the notice specifying Tenant's, neglect, failure or refusal, Tenant shall have such time as is reasonably necessary to cure such neglect, failure or refusal so long as Tenant commences the cure within a thirty (30) day period and thereafter diligently prosecutes such cure to completion. If Tenant fails to cure in a timely and diligent manner, City shall have the right to enter the Premises to identify the precise location of any utilities or improvements of any type that Tenant has placed on the Premises, or that were placed by others and accepted by Tenant for use of the Premises, whether placed above or below ground. Tenant shall be solely responsible for City Costs associated with the right set forth in this Subsection 107.2 and shall pay City, as Additional Rent, within thirty (30) days of receiving an invoice for payment from City.

107.3 Relocation of Utilities; Harbor Department Right to Relocate. At any time during the term of this Agreement, the Executive Director shall have the right to make any change in the route or location of any utility constructed or maintained on the Premises by Tenant pursuant to the authority of this Agreement as may be required or made necessary for the progress of harbor development or the performance of any work or improvement within the jurisdiction of the Board. If the Executive Director determines that any such change or relocation is necessary, the Executive Director shall give at least ninety (90) days written notice to Tenant and the work of removal and relocation shall be completed within such time after said written notice as shall be fixed in said notice. The cost of any such removal and relocation shall be borne by Tenant. If Tenant neglects, fails or refuses within the time specified in said notice to begin or fails to prosecute diligently to completion the work of relocating the pipelines, the Harbor Department shall provide written notice to Tenant which shall specify such neglect, failure or refusal. Upon delivery of the notice specifying Tenant's neglect, failure or refusal, Tenant shall have such time as is reasonably necessary to cure such neglect, failure or refusal so long as Tenant commences the cure within a thirty (30) day period and thereafter diligently prosecutes such cure to completion. If Tenant fails to cure in a timely and diligent manner, City shall have the right to enter the Premises and relocate the utility. Tenant shall be solely responsible for City Costs associated with the right set forth in this Subsection 107.3 and shall pay City, as Additional Rent, within thirty (30) days of receiving an invoice for payment from City.

107.4 Rules Governing Utilities. After installation, and in any event for the duration of this Agreement, Tenant shall comply with the Applicable Laws regarding utilities testing and inspection requirements.

Section 108. Maintenance and Repair.

108.1 Generally. Except for those items identified on Exhibit "J" hereto (which Exhibit "J" may be amended by the Executive Director, in the Executive Director's sole reasonable discretion), and as set forth in Subsection 108.6 (City Maintenance Obligations) at all times, Tenant, at its sole cost and expense, shall keep and maintain the Premises, and all buildings, works and improvements of any kind thereon, including

without limitation the paving, the improvements existing on the Premises as of the Effective Date, and City's Improvements as depicted on Exhibit "B", in good and substantial repair and condition, whether or not the need for such repairs occurs as a result of Tenant's use, any prior use, the elements, or the age of such portion of the Premises or improvements thereon, and shall be responsible for and perform all necessary inspection, maintenance and repair thereof, including preventive maintenance, using materials and workmanship of similar quality to the original improvements, or updated to current standards for such improvements. Tenant shall obtain any permits, including but not limited to those issued by City, necessary for such maintenance and repair. City shall reimburse Tenant for any repairs made necessary by use of the Premises by a temporary user pursuant to Subsection 102.6 (Temporary Assignments).

108.2 Failure to Maintain. If Tenant fails to make any repairs or to perform required maintenance within thirty (30) days after receipt of notice from City to do so, City may, but shall not be obligated to, make such repairs or perform such maintenance. Tenant shall reimburse City for City's Costs (as defined in Subsection 108.3, below, which costs shall be deemed Additional Rent) within thirty (30) days after receipt of City's invoice for work performed. In the event Tenant shall commence such repairs and diligently prosecute the same to completion or shall begin to perform the required maintenance within the thirty (30) day period, City shall refrain from commencing or prosecuting further any repairs or performing any required maintenance until the work has been completed by Tenant. Tenant shall thereafter pay on demand City's costs incurred pursuant to this Subsection 108.2 prior to Tenant's commencement of repair or maintenance. The making of any repairs or the performance of maintenance by City, which is the responsibility of Tenant, shall in no event be construed as a waiver of the duty or obligation of Tenant to make future repairs or perform required maintenance as herein provided.

108.3 City's Costs. "City's costs" for purposes of this Section 108 shall include, in City's sole reasonable discretion, the cost of maintenance or repair or replacement of property neglected, damaged or destroyed, including direct and allocated costs for labor, materials, services, equipment usage, and other indirect or overhead expenses arising from or related to maintenance, repair or replacement work performed by or on behalf of City.

108.4 Litter and Debris. Tenant, at its sole cost and expense, shall provide sufficient dumpsters or other like containers for trash collection and disposal and keep the Premises free and clear of rubbish, debris, litter and graffiti at all times. Tenant shall perform periodic inspections and cleaning of the storm water catch basins (including filters), maintenance holes, and drains, and, to the extent applicable to this Agreement, maintaining the submerged land underlying the water berthing area at the Premises free and clear of debris from the wharf and from vessels, and cargo loading and unloading operations of vessels berthed at said berths in connection with Tenant's undertaking of the Permitted Uses. Tenant, at its sole cost and expense, further shall keep and maintain the Premises in a safe, clean and sanitary condition in accordance with all Applicable Laws.

108.5 Fire Protection Systems. All fire protection sprinkler systems, standpipe systems, fire hoses, fire alarm systems, portable fire extinguishers and other fire-protective or extinguishing systems, with the exception of hydrant systems, which have been or may be installed on the Premises shall be maintained and repaired by Tenant, at its cost, in an operative condition at all times.

108.6 City Maintenance Obligations. In addition to the improvements listed in Exhibit "J", City shall be responsible for the maintenance and repair of all roofs and fire safety systems on City Improvements. To the extent that the Harbor Department maintains any utilities utilized by Tenant, the Harbor Department shall assess a maintenance fee to cover the cost of such maintain which assessment shall be Additional Rent.

Section 109. Default and Termination.

109.1 Tenant's Default.

109.1.1 Event of Default. The occurrence of any of the following shall constitute a material breach and default by Tenant under this Agreement:

(a) Tenant's failure to pay when due any Rent required to be paid under this Agreement if the failure continues for three (3) business days after written notice of the failure from City to Tenant;

(b) Tenant's failure to comply with any term, provision or covenant of this Agreement other than paying Rent, and does not commence to cure such failure within thirty (30) days after delivery of written notice of the failure from City to Tenant or does not cure the failure within ninety (90) days after delivery of such notice. An extension may be granted by the Executive Director to cure such failure, as Tenant commences to cure within thirty (30) days of delivery of the notice and diligently proceeds to cure such default to completion.

(c) Tenant's abandonment of the Premises, including but not limited to (i) Tenant's absence from or failure to use the Premises or any substantial portion thereof for three (3) consecutive days (excluding Saturdays, Sundays, and California legal holidays) while in default of any provision of this Agreement; or (ii) if not in default, Tenant's absence from or failure to use the Premises or any substantial portion thereof for a period of thirty (30) consecutive days unless Tenant, prior to the expiration of any such period of thirty (30) consecutive days, notified the Executive Director in writing that such nonuse is temporary and obtains the written consent of the Executive Director to such nonuse;

(d) To the extent permitted by law:

(1) A general assignment by Tenant or any guarantor of the Agreement for the benefit of the creditors without written consent of City;

(2) The filing by or against Tenant, or any guarantor, of any proceeding under an insolvency or bankruptcy law, unless (in the case of an involuntary proceeding) the proceeding is dismissed within sixty (60) days;

(3) The appointment of a trustee or receiver to take possession of all or substantially all the assets of Tenant or any guarantor, unless possession is unconditionally restored to Tenant or that guarantor within thirty (30) days and the trusteeship or receivership is dissolved; and/or

(4) Any execution or other judicially authorized seizure of all or substantially all the assets of Tenant located on the Premises, or of Tenant's interest in this Agreement, unless that seizure is discharged within thirty (30) days;

(e) The undertaking of a use other than a Permitted Use on the Premises if Tenant fails to discontinue such use within three (3) calendar days after delivery of written notice from City to Tenant demanding that Tenant cease and desist such unpermitted use.

109.1.2 City's Remedies on Tenant's Default. On the occurrence of a default by Tenant, City shall have the right to pursue any one or more of the following remedies in addition to any other remedies now or later available to City at law or in equity. These remedies are not exclusive but are instead cumulative. Any monetary sums that result from application of this Subsection 109.1.2 shall be deemed Additional Rent.

109.1.2.1 Termination of Agreement. City may terminate this Agreement and recover possession of the Premises. Once City has terminated this Agreement, Tenant shall immediately surrender the Premises to City. On termination of this Agreement, pursuant to Civil Code Section 1951.2 or its successor, City may recover from Tenant all of the following:

(a) The worth at the time of the award of any unpaid Rent that had been earned at the time of the termination, to be computed by allowing interest at the rate set forth in Item 270 of the Tariff but in no case greater than the maximum amount of interest permitted by law;

(b) The worth at the time of the award of the amount by which the unpaid Rent that would have been earned between the time of the termination and the time of the award exceeds the amount of unpaid Rent that Tenant proves could reasonably have been avoided, to be computed by allowing interest at the rate set forth in Item 270 of the Tariff but in no case greater than the maximum amount of interest permitted by law;

(c) The worth at the time of the award of the amount by which the unpaid Rent for the balance of the term of the Agreement after the time of the award exceeds the amount of unpaid Rent that Tenant proves could reasonably have been avoided, to be computed by discounting that amount at the discount rate of the Federal Reserve Bank of San Francisco at the time of the award plus one percent (2%);

(d) Any other amount necessary to compensate City for all the detriment proximately caused by Tenant's failure to perform obligations under this Agreement, including, without limitation, restoration expenses, expenses of improving the Premises for a new tenant (whether for the same or a different use), brokerage commissions, and any special concessions made to obtain a new tenant;

(e) Any other amounts, in addition to or in lieu of those listed above, that may be permitted by Applicable Law; and

(f) To the extent that Tenant fails to surrender the Premises after Termination, Tenant agrees that the damages to City for such holdover shall be one hundred fifty percent (150%) of the Rent payable for the last month prior to the Termination of this Agreement or one hundred fifty percent (150%) of the fair market rental at the time of the Termination, whichever is greater.

109.1.2.2 Continuation of Agreement in Effect. City shall have the remedy described in Civil Code Section 1951.4, which provides that, when a tenant has the right to sublet or assign (subject only to reasonable limitations), the City may continue the Agreement in effect after the tenant's breach and abandonment and recover Rent as it becomes due. Accordingly, if City does not elect to terminate this Agreement on account of any default by Tenant, City may enforce all of City's rights and remedies under this Agreement, including the right to recover all Rent as it becomes due.

109.1.23 Tenant's Subleases. Whether or not City elects to terminate this Agreement on account of any default by Tenant, City may:

(a) Terminate any sublease, license, concession, or other consensual arrangement for possession entered into by Tenant and affecting the Premises; or

(b) Choose to succeed to Tenant's interest in such an arrangement. If City elects to succeed to Tenant's interest in such an arrangement, Tenant shall, as of the date of notice by City of that election, have no further right to, or interest in, the Rent or other consideration receivable under that arrangement.

109.1.3 Form of Payment After Default. If Tenant fails to pay any amount due under this Agreement within ten (10) days after the due date or if Tenant draws a check on an account with insufficient funds, City shall have the right to require that any subsequent amounts paid by Tenant to City under this Agreement (to cure a default or otherwise) be paid in the form of cash, money order, cashier's or certified check drawn on an institution acceptable to City, or other form approved by City despite any prior practice of accepting payments in a different form.

109.1.4 Acceptance of Rent Without Waiving Rights. City may accept Tenant's payments without waiving any rights under this Agreement, including rights under a previously served notice of default. If City accepts payments after serving a notice of default, City may nevertheless commence and pursue an action to enforce rights and remedies under the previously served notice of default, including any rights City may have to recover possession of the property.

109.1.5 Cross Default. A material breach of the terms of any other permit, license, lease or other contract held by Tenant and City shall constitute a material breach of the terms of this Agreement and shall give City the right to terminate this Agreement for cause in accordance with the procedures set forth in this Section 109.

109.2 City's Defaults.

109.2.1 Event of Default. City's failure to perform any of its obligations under this Agreement, if City fails to commence to cure the failure within sixty (60) days after delivery of written notice of the failure from Tenant to City, or if the failure continues for ninety (90) days after delivery of such notice, unless the failure is such that it cannot be cured in ninety (90) days, in which case if City fails to diligently cure within a reasonable amount of time, shall constitute a default.

109.2.2 Tenant's Remedy on City Default. Tenant's sole remedy for a City default shall be to seek specific performance in a court of competent jurisdiction.

109.3 Replacement of Statutory Notice Requirements. When this Agreement requires service of a notice, that notice shall replace rather than supplement any

equivalent or similar statutory notice, including any notices required by Code of Civil Procedure Section 1161 or any similar or successor statute. When a statute requires service of a notice in a particular manner, service of that notice (or a similar notice required by this Agreement) in the manner required by Section 6 (Notices) shall replace and satisfy the statutory service-of-notice procedures, including those required by Code of Civil Procedure Section 1162 or any similar or successor statute. Notwithstanding the foregoing, nothing herein contained shall preclude or render inoperative service of notice in the manner provided by law.

Section 110. Force Majeure.

Except as otherwise provided in this Agreement, whenever a day is established in this Agreement on which, or a period of time, including a reasonable period of time, is designated within which, either Party is required to do or complete any act, matter or thing, the time for the doing or completion thereof shall be extended by a period of time equal to the number of days on or during which such Party is prevented from, or is unreasonably interfered with, the doing or completion of such act, matter or thing because of acts of God, the public enemy or public riots; failures due to nonperformance or delay of performance by suppliers or contractors; any order, directive or other interference by municipal, state, federal or other governmental official or agency (other than City's failure or refusal to issue permits for the construction, use or occupancy of City's Improvements or the Premises); any catastrophe resulting from the elements, flood, fire, explosion; or any other cause reasonably beyond the control of a Party, but excluding strikes or other labor disputes, lockouts or work stoppages ("Force Majeure"); provided, however, that this Section 110 shall not apply to (1) the time for payment of Rent or any other monetary obligation, (2) the Completion Deadline, if any (3) the insurance provisions set forth in this Agreement, or (4) to extend the term of the Agreement beyond fifty (50) years. In the event of the happening of any of such contingencies events, the Party delayed by Force Majeure shall immediately give the other Party written notice of such contingency, specifying the cause for delay or failure, and such notice from the Party delayed shall be prima facie evidence that the delay resulting from the causes specified in the notice is excusable. The Party delayed by Force Majeure shall use reasonable diligence to remove the cause of delay, and if and when the event which delayed or prevented the performance of a Party shall cease or be removed, the Party delayed shall notify the other Party immediately, and the delayed Party shall recommence its performance of the terms, covenants and conditions of this Agreement.

Section 111. Indemnity and Insurance.

111.1 Indemnity.

111.1.1 Generally. Tenant shall at all times relieve, indemnify, protect and save harmless City and any and all of its boards, officers, agents and employees from any and all claims and demands, actions, proceedings, losses, liens, costs and judgments of any kind and nature whatsoever, including cost of litigation (including all actual litigation costs incurred by the City, including but not limited to, costs of experts and consultants), for death of or injury to persons, or damage to

property, including property owned by or under the care and custody of City, and for civil fines and penalties that may arise from or be caused directly or indirectly by:

(a) Any dangerous, hazardous, unsafe or defective condition of, in or on the Premises, of any nature whatsoever, which may exist by reason of any act, omission, neglect, or any use or occupation of the Premises by Tenant, its officers, agents, employees, sublessees, licensees or invitees;

(b) Any operation conducted upon or any use or occupation of the Premises by Tenant, its officers, agents, employees, sublessees, licensees or invitees under or pursuant to the provisions of this Agreement or otherwise;

(c) Any act, error, omission, willful misconduct or negligence of Tenant, its officers, agents, employees, sublessees, licensees or invitees, arising from the use, operation or occupancy of the Premises, regardless of whether any act, omission or negligence of City, its officers, agents or employees contributed thereto;

(d) Any failure of Tenant, its officers, agents or employees to comply with any of the terms or conditions of this Agreement or any applicable federal, state, regional, or municipal law, ordinance, rule or regulation; or

(e) The conditions, operations, uses, occupations, acts, omissions or negligence referred to in subsections (a) through (d) above, existing or conducted upon or arising from the use or occupation by Tenant or its invitees on any other premises within the "Harbor District," as defined in City's Charter.

This Subsection 111.1.1 shall not be construed to make Tenant responsible for loss, damage, liability or expense to third-parties to the extent caused solely by the negligence or willful misconduct of City.

111.1.2 Term Contamination Losses. Tenant shall also indemnify, defend and hold City harmless from any and all claims, judgments, damages, penalties, fines, costs, liabilities or losses (including, without limitation, diminution of the value of the Premises, damages for loss or restriction on use of rentable or useable space or of any amenity of the Premises, damages arising from any adverse impact on marketing of space, and sums paid in settlement of claims, attorneys' fees, consultant fees and expert fees) which arise during or after the Agreement term as a result of Term Contamination for which Tenant is otherwise responsible for under the terms of this Agreement. This indemnification of City by Tenant includes, without limitation, costs incurred in connection with any investigation of site conditions or any clean up, remedial, removal or restoration work required by

any federal, state or local governmental agency because of Term Contamination present in the soil or groundwater on or under the Premises.

111.1.3 Survival of Obligations. The indemnity obligations in this Section 111 shall survive the expiration or earlier termination of this Agreement and shall apply regardless of the active or passive negligence of City and regardless of whether liability without fault or strict liability is imposed or sought to be imposed on City.

111.2 Insurance. In addition to, and not as a substitute for, or limitation of, any of the indemnity obligations imposed by this Agreement, Tenant shall procure and maintain at its expense and keep in force at all times during the term of this Agreement the types and amounts of insurance specified on Insurance, Exhibit "K", attached hereto and incorporated by reference herein. The specified insurance shall also, either by provisions in the policies, by City's endorsement form or by other endorsement attached to such policies, include and insure City, its Harbor Department, its Board and all of City's officers, employees, and agents, their successors and assigns, as additional insureds, against the areas of risk described in Exhibit "K" and below, with respect to Tenant's acts or omissions in its operation, use and occupancy of the Premises or other related functions performed by or on behalf of Tenant in, on or about the Harbor District. The types of insurance which are required must meet the following conditions during the term of this Agreement and any hold-over periods:

111.2.1 Commercial General Liability. Commercial general liability insurance, including contractual liability, auto liability and property damage insurance written by an insurance company authorized to do business in the State of California, or approved by the California Department of Insurance as a surplus lines insurer eligible to do business in California, rated VII, A- or better in Best's Insurance Guide (or an alternate guide acceptable to City if a Best's Rating is not available) with Tenant's normal limits of liability, but not less than set forth in Exhibit "K" for each accident or occurrence. The coverage shall provide first dollar coverage except that the Executive Director may permit a self-insured retention or self-insurance in those cases where, in the Executive Director's judgment, such retention or self-insurance is justified by the net worth of Tenant. The retention or self-insurance provided shall provide that any other insurance maintained by the Department shall be excess of Tenant's insurance and shall not contribute to it. In all cases, regardless of any deductible or retention, said insurance shall contain a defense of suits provision and a severability of interest clause. Where Tenant operates watercraft, liability coverage for such craft must be provided as follows:

(1) Hull and machinery coverage for the value of each vessel which will call at the Premises during the term of this Agreement, if any; and

(2) Protection and indemnity coverage with combined single limits as set forth in Exhibit "K" per occurrence for bodily injury, illness, death, loss of or damage to the property of another, Jones Act risks or equivalent

thereto internationally, and pollution liability to which it is agreed that the additional insured and cancellation notice provisions as required and described below must be included. Pollution liability shall include coverage for bodily injury, including death and mental anguish, property damage, defense costs and cleanup costs. Such coverage shall contain a defense of suits provision and a severability of interest clause.

The submitted policy shall, in addition, provide the following coverage either in the original policy or by endorsement substantially as follows:

"Notwithstanding any inconsistent statement in the policy to which this endorsement is attached, or any endorsement or certificate now or hereafter attached hereto, it is agreed that City, Board, their officers, agents and employees, are additional insureds hereunder, and that coverage is provided for all operations, uses, occupations, acts and activities of the insured under Permit No. ___, and under any amendments, modifications, extensions or renewals of said Permit regardless of whether such operations, uses, occupations, acts and activities occur on the Premises or elsewhere within the Harbor District.

"The policy to which this endorsement is attached shall provide a ten (10) days' prior written notice of cancellation for nonpayment of premium, and a thirty (30) days' prior written notice of cancellation for any other reasons to the Harbor Department's Risk Manager;

"The coverage provided by the policy to which this endorsement is attached is primary coverage and any other insurance carried by City is excess coverage;

"In the event of one of the named insureds incurring liability to any other of the named insureds, this policy shall provide protection for each named insured against whom claim is or may be made, including claims by other named insureds, in the same manner as if separate policies had been issued to each named insured. Nothing contained herein shall operate to increase the company's limit of liability; and

"Notice of occurrences or claims under the policy shall be made to the Risk Manager of City's Harbor Department with copies to the City Attorney's Office."

111.2.2 Fire Legal Liability. In addition to and concurrently with the aforesaid insurance coverage, Tenant shall also secure and maintain, either by an endorsement thereto or by a separate policy, fire legal liability insurance in the amounts set forth in Exhibit "K" , covering legal liability of Tenant for damage or destruction to the works, buildings and improvements owned by City provided that said minimum limits of liability shall be subject to adjustments by the Executive

Director to conform with the deductible amount of the fire insurance policy maintained by the Board, with waiver of subrogation in favor of Tenant so long as permitted by the Board's fire insurance policy, upon thirty (30) days' prior written notice thereof to Tenant at any time during the term of this Agreement.

111.2.3 All Risk Insurance. Fire and extended coverage insurance covering a percentage of the replacement value, as set forth in Exhibit "K", of the works, buildings and improvements erected or owned by Tenant on the Premises, with such provision in the policies issued to cover the same, or in riders attached thereto, as will provide for all losses the amount stated in Exhibit "K" to be payable to Board to be held in trust for reconstruction. In the event of loss or damage by fire to any of such buildings or improvements, Tenant shall undertake replacement or reconditioning of such items within ninety (90) days following any such loss. In the event Tenant shall undertake such replacement or reconditioning within said period of ninety (90) days, such proceeds shall be released by Board to Tenant as payments are required for said purpose. Upon the completion of such replacement or reconditioning to the satisfaction of the Executive Director, any balance thereof remaining shall be paid to said Tenant forthwith. In the event Tenant fails to undertake such replacement or reconditioning within said period of ninety (90) days, such proceeds shall be retained by City.

111.2.4 Environmental Impairment Liability Insurance. Should Tenant's operations involve the storage or use of any type of hazardous materials or pollutants, the Tenant shall be required to maintain environmental impairment liability insurance which shall include coverage for bodily injury, property damage, including third-party claims for on-site and off-site bodily injury and property damage, clean-up and defense, with a limit of at least the amount set forth in Exhibit "K" per occurrence, which is to remain in effect at least five (5) years after the termination of the Agreement.

111.2.5 Workers' Compensation. Tenant shall secure the payment of compensation to employees injured while performing work or labor necessary for and incidental to performance under this Agreement in accordance with Section 3700 of the Labor Code of the State of California. Tenant shall file with the City one of the following: 1) a certificate of consent to self-insure issued by the Director of Industrial Relations, State of California; 2) a certificate of Workers' Compensation insurance issued by an admitted carrier; or 3) an exact copy or duplicate thereof of the policy certified by the Director or the insurer. Such documents shall be filed prior to delivery of Premises. Where Tenant has employees who are covered by the United States Longshore and Harbor Workers' Compensation Act, Tenant shall furnish proof of such coverage to the City. It is suggested that Tenant consult an insurance professional of its choosing to determine whether its proposed operation methods will render its employees subject to coverage under such Act. All Workers' Compensation insurance submitted to City shall include an endorsement providing that any carrier paying benefits agrees to waive any right of subrogation it may have against City.

111.2.6 Insurance Features. Such insurance procured by Tenant shall include the following features:

111.2.6.1 Notice of Cancellation. Each insurance policy described above shall provide that it shall not be cancelled or reduced in coverage until after the Risk Manager has been given a ten (10) days' written notice of cancellation for nonpayment of premium and a thirty (30) days' written notice of cancellation for any other reason.

111.2.6.2 Acceptable Evidence and Approval of Insurance. Electronic submission is the required method of submitting Tenant's insurance documents. KwikComply is the City's online insurance compliance system and is designed to make the experience of submitting and retrieving insurance information quick and easy. The system is designed to be used primarily by insurance brokers and agents as they submit client insurance certificates directly to the City. It uses the standard insurance industry form known as the ACORD 25 Certificate of Liability Insurance in electronic format. The advantages of KwikComply include standardized, universally accepted forms, paperless approval transactions (24 hours, 7 days per week), and security checks and balances. Tenant's insurance broker or agent shall obtain access to KwikComply at https://kwikcomply.org/ and follow the instructions to register and submit the appropriate proof of insurance on Tenant's behalf.

111.2.6.3 Renewal of Policies. Prior to the expiration of each policy, Tenant shall show through submitting to KwikComply that the policy has been renewed or extended or, if new insurance has been obtained, submit the appropriate proof of insurance to KwikComply. If Tenant neglects or fails to secure or maintain the required insurance, or if Tenant fails to submit proof of insurance as required above, the City's Harbor Department may, at its option and at the expense of Tenant, may obtain such insurance for Tenant.

111.2.6.4 Certified Copies of Policies. Upon request by Executive Director, Tenant must furnish a copy of the binder of insurance and/or full certified copies of any or all policies of insurance required herein. Tenant's obligation to provide such copies shall survive the Expiration Date regardless of whether Executive Director's request is made prior to or after the Expiration Date.

111.2.6.5 Modification of Coverage. The Executive Director, or designee, at the Executive Director's discretion, may require that Tenant increase or decrease amounts and types of insurance coverage required hereunder at any time during the term hereof by giving ninety (90) days' prior written notice to Tenant. The modification of coverage shall occur no

less than every five (5) years of the term to insure that the coverage amounts are consistent with industry standards at the time of the modification for the Permitted Uses of the Premises.

111.2.6.6 Accident Reports. Tenant shall report in writing to Executive Director within fifteen (15) days after it, its officers or managing agents have knowledge of any accident or occurrence involving death of or injury to any person or persons, or damage in excess of Fifty Thousand Dollars ($50,000) to property, occurring upon the Premises, or elsewhere within the Harbor District, if Tenant's officers, agents or employees are involved in such an accident or occurrence while undertaking the Permitted Uses. Such report shall contain to the extent available: (1) the name and address of the persons involved; (2) a general statement as to the nature and extent of injury or damage; (3) the date and hour of occurrence; (4) the names and addresses of known witnesses; and (5) such other information as may be known to Tenant, its officers or managing agents.

111.2.7 Right to Self-Insure. Upon written approval by the Executive Director, Tenant may self-insure if the following conditions are met:

(a) Tenant has a formal self-insurance program in place prior to execution of this Agreement. If a corporation, Tenant must have a formal resolution of its board of directors authorizing self-insurance;

(b) Tenant agrees to protect the City, its boards, officers, agents and employees at the same level as would be provided by full insurance with respect to types of coverage and minimum limits of liability required by this Agreement;

(c) Tenant agrees to defend the City, its boards, officers, agents and employees in any lawsuit that would otherwise be defended by an insurance carrier;

(d) Tenant agrees that any insurance carried by Department is excess of Tenant’s self-insurance and will not contribute to it;

(e) Tenant provides the name and address of its claims administrator;

(f) Tenant submits its most recently filed 10-Q and its 10-K or audited annual financial statements for the three most recent fiscal years prior to the Executive Director’s consideration of approval of self-insurance and annually thereafter;

(g) Tenant agrees to inform Department in writing immediately of any change in its status or policy which would materially affect the protection afforded Department by this self-insurance; and

(h) Tenant has complied with all laws pertaining to self-insurance.

111.3 Increased Insurance Risks. Following the Effective Date, should an event occurring in or about the Premises cause either cancellation or increased rates with respect to any insurance that City may have on the Premises or on adjacent premises, or cause either cancellation or increased rates with respect to any other insurance coverage for the Premises or adjacent premises, upon receipt of written notice from City that cancellation of insurance or increased insurance rates is threatened or has occurred, Tenant immediately shall take appropriate steps to ensure that City is not adversely affected. In City's sole reasonable discretion, such steps may include Tenant: correcting the condition; providing any necessary insurance; paying the increased cost of City's insurance; and/or indemnifying City against any uninsured or underinsured loss on a claim.

Section 112. Damage and Destruction to Improvements.

112.1 Notice; No Rent Abatement. Tenant shall promptly give City Notice of any material damage or destruction of any or all of the improvements on the Premises ("Casualty") generally describing the nature and extent thereof. There shall be no abatement or reduction of Rent on account of any Minor Casualty and all obligations of Tenant under this Agreement shall remain unchanged and in full force and effect. In the case of a Major Casualty, provided that the Major Casualty was not caused by the act or omission of Tenant or any of its employees, agents, licensees, subtenants, customers, clients or invitees, until the repair and restoration of the Premises is completed, Tenant shall be required to pay rent only for that part of the Premises that Tenant is able to use while repairs are being made, based on the ratio that the amount of usable rentable area bears to the total rental area in the Premises.

112.2 Minor Casualty. In the event of any Minor Casualty at any time during the Term, and regardless of whether such Minor Casualty is insured or uninsured, Tenant shall be obligated to repair, rebuild or restore the damaged improvements.

112.3 Casualty Covered by Insurance. If, during the Term of this Agreement, any buildings, structures, or improvements on the Premises are partially or totally destroyed from a risk covered by the insurance required under this Agreement, thereby rendering the Premises partially or totally inaccessible or unusable, Tenant must restore the Premises to substantially the same condition as they were immediately before destruction.

112.4 Casualty Not Covered by Insurance. If, during the Term of this Agreement, improvements on the Premises are partially or totally destroyed from a risk not covered by the fire and extended coverage insurance required under this Agreement

thereby rendering said Premises partially or totally inaccessible or unusable, such destruction shall not automatically terminate this Agreement. If, however, the cost of restoration exceeds ten percent (10%) of the full replacement value of improvements, as said value existed immediately before said destruction, Tenant may, at Tenant's option, terminate this Agreement by giving written notice to City within sixty (60) days from the date of destruction. If Tenant elects to terminate as above provided, Tenant shall be obligated, unless otherwise directed by City, to demolish all damaged improvements and remove all debris from the Premises, and otherwise comply with the restoration and surrender obligations contained in Section 117 (Restoration and Surrender of Premises), at Tenant's sole cost. If Tenant fails to exercise its right to terminate this Agreement, this Agreement shall continue in full force and effect for the remainder of the term specified herein and Tenant shall restore the Premises to substantially the same condition as they were in immediately before the damage or destruction.

112.5 Inapplicability of Civil Code Sections. The provisions of California Civil Code Sections 1932(2) and 1933(4), and any successor statutes, are inapplicable with respect to any destruction of any part of the Premises; such sections provide that a lease terminates on the destruction of the Premises unless otherwise agreed between the Parties to the contrary.

112.6 Damage to Wharf. Notwithstanding the foregoing, whether or not there is insurance to cover such Casualty, Tenant shall be responsible, at its sole cost and expense, for all costs, direct or indirect, associated with repairing any damage to the wharf structure on the Premises, including, but not limited to, damage resulting from a collision between a vessel and the wharf while docking or undocking, unless such damage is due to the sole active negligence of City or of a third-party on the Premises pursuant to Subsection 102.6 (Temporary Assignment), or by a secondary assignee to which the Premises are assigned. The Harbor Department shall have the option of either making the repairs or requiring Tenant to make the repairs. If the Harbor Department makes the repairs, Tenant agrees to reimburse the Harbor Department for the City's costs incurred in making the repairs. All damage shall be presumed to be the responsibility of Tenant and Tenant agrees to be responsible for such damage, unless Tenant can demonstrate to the satisfaction of the Executive Director that someone other than Tenant, its officers, agents, employees, customers, contractors, subtenants, licensees or other invitees caused the damage. The sufficiency of proof presented by Tenant to the Harbor Department shall be determined by the Executive Director in the Executive Director's sole judgment.

Section 113. Assignments, Transfers and Subleases.

113.1 Assignment, Transfer and Subletting; City's Consent Required.

113.1.1 Generally. Tenant shall not, in any manner, transfer or assign this Agreement, or any portion thereof or any interest therein, ("Assignment") voluntarily or involuntarily without the prior written consent of the Board, nor sublet or sublease the whole or any part of the Premises, nor license or permit the use of

the same, in whole or in part, without the prior written consent of the Executive Director (collectively referred to as a “Transfer”).

113.1.2 Consent Required; Payment of City’s Costs. No Transfer of this Agreement, or any interest therein or any right or privilege thereunder, regardless of whether accomplished by a separate agreement, sale of stock or assets, merger or consolidation or reorganization by, or of, Tenant (or any entity that directly or indirectly controls or owns fifty percent (50%) or more of Tenant), or accomplished in any other manner, whether voluntary or by operation of law, including but not limited to assignment, sublease, transfer, gift, hypothecation or grant of total or partial control, or any encumbrance of this Agreement, shall be valid or effective for any purpose unless (i) Tenant receives the prior written consent of City and (ii) Tenant satisfies the requirements in Subsection 113.3 (Procedure to Obtain Consent to Transfer). Consent to one Transfer shall not be deemed to be a consent to any subsequent Transfer. For purposes of this Subsection 113.1.2, the term "by operation of law" includes but is not limited to: (1) the placement of all or substantially all of Tenant's assets in the hands of a receiver or trustee; or (2) a transfer by Tenant for the benefit of creditors; or (3) transfers resulting from the death or incapacity of any individual who is a Tenant or of a general partner of a Tenant (except as provided in Subsection 113.2.2 (Partnerships)).

Tenant acknowledges and agrees that it shall be required to pay the City for all City Costs incurred to review all documents submitted in response to a request to Transfer.

113.1.3 Transfer of Assets. “Transfer” also shall include the involvement of Tenant or its assets in any transaction, or series of transactions (by way of merger, sale, acquisition, financing, transfer, leveraged buyout or otherwise) whether or not there is a formal assignment or hypothecation of this Agreement or Tenant’s assets, which involvement results in a reduction of the net worth of Tenant (defined as the net worth of Tenant, excluding guarantors, established by generally accepted accounting principles) by an amount greater than twenty-five percent (25%) of such net worth as it was represented at the time of the execution of this Agreement, or at the time of the most recent Transfer to which City has consented, or as it exists immediately prior to said transaction or transactions constituting such reduction, whichever was or is greater.

113.2 Transfers of Ownership.

113.2.1 Ownership or Control. The transfer of more than twenty-five percent (25%) of the economic interest in Tenant or any entity that directly or indirectly controls or owns fifty percent (50%) or more of Tenant in one or more transactions, regardless of whether Tenant is a publicly or privately held entity, shall constitute a Transfer within the meaning of this Section 113.

113.2.2 Partnerships. If Tenant is a partnership, any transfer or attempted transfer by any general partner of Tenant of more than twenty-five percent (25%) of its partnership interest in Tenant in one or more transactions shall be a prohibited Transfer within the meaning of this Section 113. Notwithstanding the foregoing, if any transfer of a general partner's interest is due to the death of a general partner and results in the transfer to the immediate members of the general partner's family, who will be immediately and personally involved in the operation of the partnership, the City shall not unreasonably withhold its consent to such transfer.

113.2.3 Guarantor. If a parent or other entity has guaranteed or otherwise secured any or all of Tenant's obligations under this Agreement and if the ownership, makeup or financial condition of such parent or other entity has, in the sole reasonable discretion of the Executive Director, materially changed at any point during the term of this Agreement, the right is reserved for City to require amendments of such guaranty, the provision of new security, or a combination thereof reasonably required by the Executive Director to maintain the level of security as provided by the original guaranty. Following the Effective Date, Tenant shall have a continuing obligation to notify City in writing of any and all events that do or might constitute a material change within the meaning of this Subsection 113.2.3.

113.2.4 Executive Director Authority to Modify. The Executive Director shall have the authority, but not the obligation, to unilaterally modify the foregoing conditions based on the facts of a particular case.

113.3 Procedure to Obtain Consent to Transfer. If Tenant desires to undertake a Transfer, it may seek City's consent thereto. Tenant covenants that before entering into or permitting any Transfer, it shall provide to City written notice at least ninety (90) days before the proposed effective date of the Transfer. Notwithstanding the foregoing, City reserves the right to allow Tenant, on a case-by-case basis, to submit to City for City's consent, Transfers that would have become effective but for Tenant's failure to seek City's prior written consent. In any event, Tenant's written request to City for consent shall hereinafter be referred to as "Transfer Notice."

113.3.1 Transfer Notice. Tenant's Transfer Notice shall contain each of the following:

(a) Specific identification of the entity or entities with whom Tenant proposes to undertake the Transfer ("Transferee");

(b) Specific and detailed description of the Transferee's entity type, ownership (including identification of all parent and subsidiary entities), background/history, nature of the Transferee's business, Transferee's character and reputation and experience in the operations proposed;

(c) Specific and detailed description of the type of Transfer proposed (e.g., assignment, sublease, grant of control, etc.) and the rights proposed to be transferred;

(d) Specific and detailed description of the operations proposed to be undertaken at the Premises by Tenant and Transferee if City consents to the Transfer which includes a breakdown of the responsibilities and duties of Tenant and Transferee;

(e) All of the terms of the proposed Transfer, including the total consideration payable by Transferee; the specific consideration (if any) payable by Transferee in connection with the Premises and/or uses under this Agreement if the proposed Transfer is part of an acquisition or purchase that involves assets outside this Agreement; the proposed use of the Premises; the effective date of the proposed Transfer; and a copy of all documentation concerning the proposed Transfer;

(f) The proposed form of a guaranty or guaranties providing greater or substantially the same protection to City as any guaranty in effect prior to or contemporaneous with the proposed Transfer;

(g) A business plan for the Transferee including specific estimates of revenue anticipated under each of the following categories: existing contracts, contracts under negotiation and other specified sources;

(h) A general description of any planned Alterations or improvements to the Premises;

(i) A description of the worth of the proposed Transferee including an audited financial statement;

(j) Any further information relevant to the proposed Transfer that City reasonably requests; and

(k) Written authorization in a form acceptable to City allowing City to inspect and review but not to copy, at times and locations reasonably selected by City, any books and records or other information of Tenant or Transferee (or third-parties acting for or on either of their behalves) reasonably determined by City to be necessary for its assessment of Tenant's request for consent.

113.3.2 Limitations on City's Consent. If City consents to a Transfer, the following limits apply:

(a) City does not agree to waive or modify the terms and conditions of this Agreement;

(b) Such consent does not constitute either consent to any further or other Transfer by either Tenant or Transferee or a bar disqualifying submittal of additional Transfer Notices in accordance with the terms of this Agreement following such consent;

(c) If, following such consent, Tenant remains a party to this Agreement, Tenant shall remain liable under this Agreement and any guarantor shall remain liable under its guaranty;

(d) Such consent shall not transfer to the Transferee any option granted to the original Tenant by this Agreement unless such transfer is specifically consented to by City in writing;

(e) Tenant may enter into that Transfer in accordance with this Section 113 if: (a) the Transfer occurs within six (6) months after City's consent; (b) the Transfer, in the sole and absolute discretion of the Executive Director, is on substantially the same terms as specified in the Transfer Notice; and (c) Tenant delivers to City promptly after execution an original executed copy of all documentation pertaining to the Transfer in a form reasonably acceptable to City;

(f) If the Transfer occurs more than six (6) months after City's consent or, in the sole and absolute discretion of the Executive Director, the terms of the Transfer materially change from those in the Transfer Notice, Tenant shall submit a new Transfer Notice under this Section 113, requesting City's consent. A material change for purposes of this Section 113 is one where the terms would have entitled City to refuse to consent to the Transfer initially, or would cause, in the sole and absolute discretion of the Executive Director, the proposed Transfer to be more favorable to Transferee than the terms in the original Transfer Notice;

(g) Tenant and/or Transferee, upon City's written request, shall provide proof, in a form satisfactory in the sole reasonable discretion of the Risk Manager of City's Harbor Department, demonstrating that insurance of the type and limits required by Subsection 111.2 (Insurance) is and shall be in full effect at all times in or around the time period in which the proposed Transfer is anticipated to occur. If requested in writing by City, Transferee shall provide a guaranty agreement in a form acceptable to City obligating Transferee to pay any uninsured or underinsured loss on a claim that, in City's sole and absolute discretion, would have been covered by insurance fully compliant with Subsection 111.2; and

(h) Transferee shall execute and deliver a written acceptance of Transfer in a form acceptable to City in which Transferee expressly assumes all of Tenant's obligations under the Agreement.

113.4 Factors Germane to City Consent. In evaluating any Transfer Notice, it shall not be unreasonable for City to withhold or condition its consent to a Transfer based on the following factors, among others:

(a) The net worth, financial condition and creditworthiness of the Transferee and the existence of any guaranty provided by the Transferee's parent or related entity or entities;

(b) The character, experience and reputation of the Transferee (or its operator) in operating the business contemplated by the Transfer;

(c) Whether the Transfer will negatively impact the short-term or long-term development, land use or other plans of City's Harbor Department, and whether consent to such Transfer would violate any of the legal duties of City's Harbor Department, including duties owed to other tenants;

(d) Whether the proposed Transfer is consistent with the terms and conditions of this Agreement in existence when Tenant submitted the Transfer Notice and with the laws, rules and regulations applicable to the Premises and Tenant's use and occupancy thereof;

(e) Whether the information provided by Tenant in connection with Subsection 113.3.1 (Transfer Notice) justifies such consent;

(f) The Transferee's level of commitment and specific plans to invest to improve the Premises following approval of the proposed Transfer, if any;

(g) Whether there are uncured defaults including, without limitation, unpaid Rent and, if there are, whether the proposed transferee agrees to cure, remedy or otherwise correct any default by Tenant existing at the time of the Transfer, in a manner satisfactory to the Board; and

(h) Whether the Transferee, its operator or any Affiliate of the Transferee or its operator is listed on any of the following lists maintained by the Officer of Foreign Assets Control of the U.S. Department of the Treasury, the Bureau of the Industry and Security of the U.S. Department of Commerce or their successors, or on any other list of Persons with which the City may not do business under Applicable Law: the Specially Designated Nationals List, the Denied Persons List, the Unverified List, the Entity List, and the Debarred List.

113.5 Additional Conditions for Subleases. If Tenant requests consent to a Transfer consisting of a sublease of all or a portion of the Premises, the following terms and conditions shall also apply:

(a) Notwithstanding Subsection 113.3 (Procedure to Obtain Consent to Transfer), Tenant may request consent for a sublease with less than ninety (90) days' notice.

(b) City reserves the right to recapture any portion of the Premises proposed by Tenant to be subleased (with appropriate amendments to this Agreement) and to undertake the transaction with the proposed Transferee directly;

(c) Tenant in no event shall be allowed to sublet more than twenty percent (20%) of the Premises to any one sublessee unless this Agreement expressly provides otherwise;

(d) Tenant shall owe to City as Additional Rent, fifty percent (50%) of any amount collected from the sublessee as compensation that exceeds, on a pro rata basis, based on the preceding year's Rent, the compensation due City from Tenant under Section 4 (Rent);

(e) Tenant must provide City with a copy of the Sublease Agreement; and a copy of any notice of default or breach of the sublease; and

(f) No sublessee shall further Transfer or sublet all or any part of the Premises without City's prior written consent.

113.6 Assignments for Security Purposes. Tenant's request to assign this Agreement to secure financing of improvements on the Premises will require Board approval and will be considered on a case-by-case basis. Consent to Assignments for security purposes will not be granted unless Tenant and its lenders satisfy the following conditions, among others, which may be reasonably imposed by the Board:

(a) Monies borrowed will be used exclusively to construct improvements or alterations on the Premises.

(b) Monies borrowed must be in a fixed amount. New borrowings or refinancing require further Board approval.

(c) The collateral covered by the security agreement securing Tenant's loan shall cover only Tenant's leasehold interests and interest in improvements on the Premises, not the interests of City in improvements or land, and not any improvements or fixtures which, if removed, would leave the Premises untenantable. In this Subsection 113.6, "untenantable" means, the removal of improvements or fixtures which, in the City's sole and absolute discretion, would leave the Premises in a condition that prevents City from renting the Premises.

(d) Nothing in the instrument which creates the security interest in the lender shall amend, modify, or otherwise affect the rights of City under this Agreement or any guaranty.

(e) In the event the lender initiates any action to foreclose the interest of Tenant in this Agreement, the lender agrees to deliver to the Board in person or by registered mail a copy of any notice of default sent to Tenant and agrees, ten (10) calendar days in advance of any foreclosure sale, to give written notice to Board by registered mail. Such notices shall be addressed as follows:

Board of Harbor Commissioners
c/o Director of Real Estate Division
P.O. Box 151
San Pedro, CA 90733-0151

Such notice shall specify which of the below alternative courses of action the lender will take with respect to the Agreement and any guaranty. Any and all of the below stated alternatives are contingent upon the Board's approval in accordance with the conditions in subsection (f) below. Lender may:

(1) Assume as principal all of the obligations and duties arising on or after the foreclosure conveyance date under the Agreement; or

(2) Assume as principal all of the obligations and duties arising on or after the foreclosure conveyance date under the Agreement, and hire an operator, acceptable to the Executive Director, who shall operate the Premises pursuant to the Agreement; or

(3) Assume as principal all of the obligations and duties arising on or after the foreclosure conveyance date, and thereafter reassign the Agreement with the consent of Board. Notwithstanding any provision of this Agreement to the contrary, in the event the lender initiates any action to foreclose the interest of any subsequent assignee of the Agreement, the lender agrees to make the notifications and elections required herein.

The foregoing election by the lender shall be without prejudice to any rights the City may have with respect to Tenant's default of this Agreement; provided, however, that the City shall mail to both Tenant and lender a copy of any written notice of default in the performance of the terms and conditions of the Agreement, by registered mail, return receipt requested, addressed as follows:

(Name and Address of Tenant and lender is to be specified by Tenant. If no lender is specified, notice to Tenant alone is agreed to be sufficient.)

The lender shall have the option to cure such default within the time specified in such notice, provided that if such default is noncurable in nature, City shall have the right to immediately reclaim the Premises and lender shall have no further interest.

(f) Any lender proposal to Transfer its interest in this Agreement or interest therein or right or privilege thereunder requires the Board's consent. The Board may withhold its consent in its reasonable discretion if the Board determines that the proposed transferee cannot meet all of the following conditions, and any other conditions which may be reasonably imposed by the Board:

(1) This Agreement shall be in full force and effect and no default shall exist or the lender shall agree in writing to cure all such defaults before the transfer.

(2) When requesting the Board's consent to such a Transfer, the lender shall demonstrate that: (a) the financial condition of the proposed transferee is as sound as that of Tenant at the time this Agreement was initially entered into or as at the time of the proposed transfer - whichever provides the better financial security to the City; (b) the proposed transferee has the requisite experience and reputation or has retained an operator with the requisite experience and reputation to operate the Premises; and (c) the proposed Transfer will not unfavorably affect the revenues of the City, employment or the services available to the maritime community; and the proposed transferee, its operator or any Affiliate of the proposed transferee or its operator is listed on any of the following lists maintained by the Officer of Foreign Assets Control of the U.S. Department of the Treasury, the Bureau of the Industry and Security of the U.S. Department of Commerce or their successors, or on any other list of Persons with which the City may not do business under Applicable Law: the Specially Designated Nationals List, the Denied Persons List, the Unverified List, the Entity List, and the Debarred List.

(3) Even if the Board consents to such a proposed Transfer, the Board may first require that the transferee and the Board agree on a new compensation for the Premises transferred. If the Board modifies the compensation, it shall take into account the then existing Board policy for setting compensation and the prevailing market conditions.

(g) The form of all instruments and documents affecting the City's interests in the Premises shall be acceptable to Executive Director and City Attorney of City in their sole and absolute discretion.

(h) The Board shall have the authority, but not the obligation, to modify any of the foregoing conditions based on the facts of a particular case.

113.7 Assignment Fee. In the case of Assignments other than Assignments for Security Purposes permitted under Subsection 113.6, above, in recognition of the value added to the Assignment by virtue of the location of the Premises, Tenant shall pay to City a fee ("Assignment Fee") based on the following formula:

(a) Less than Ten (10) Years Left on Term: Tenant shall pay to City an Assignment Fee equal to ten percent (10%) of the economic value attributable to the assignor's leasehold interest derived from, or as a result of the use of the Premises; or

(b) Greater than Ten (10) Years or More Left on Term: Tenant shall pay to City an Assignment Fee equal to fifteen percent (15%) of the economic value attributable to the assignor's leasehold interest derived from, or as a result of the use of the Premises.

113.8 Charter and Administrative Code. Tenant acknowledges that this Agreement is subject to the Charter of City and the Administrative Code of City and that approval of a Transfer may require action by several separate entities, including but not limited to the Los Angeles City Council.

113.9 Tenant Remedies. If City wrongfully denies or conditions its consent, Tenant may seek only declaratory and/or injunctive relief. Tenant specifically waives any damage claims against City in connection with the withholding or conditioning of consent.

113.10 Indemnity in Favor of City; Tenant's Rights. In addition to and not as a substitute for the indemnities Tenant provides to City pursuant to Subsection 111.1 (Indemnity), Tenant shall indemnify, defend and hold harmless City and any and all of its boards, officers, agents, or employees from and against any and all claims and/or causes of action of any third-party (including but not limited to Transferee) arising out of or related to a proposed Transfer except for claims arising from the sole negligence or willful misconduct of City in withholding its consent in which case Tenant's sole remedy shall be entitled only to seek specific performance.

113.11 Rent or Performance. City, in its sole discretion, may accept Rent or performance of Tenant's obligations under this Agreement from any person other than Tenant pending approval or disapproval of a Transfer. City's exercise of discretion to accept Rent or performance shall be reflected in writing.

113.12 Written Certification. If requested in writing by the Executive Director, Tenant shall, within ten (10) days of its receipt of such written request, certify under penalty of perjury under California Law whether it has or has not undertaken a purported Transfer.

Section 114. Records, Reports and City's Right of Inspection.

114.1 Operations. Tenant shall keep full and accurate books, records and accounts relating to its operations on the Premises. City shall have the right, through its representatives, at all reasonable times and on reasonable notice, to inspect such books, records and accounts in order to verify the accuracy of the sums due, owing and paid to City hereunder. Tenant agrees that such books, records and accounts shall be made available to City at Tenant's offices in the City of Los Angeles. City shall protect, to the extent permitted by law, the confidentiality of any such books, records and/or accounts so inspected.

114.2 City Right of Inspection. City's authorized representatives shall have access to the Premises (a) with 24-hour notice at any and all reasonable times to determine whether or not Tenant is complying with the terms and conditions of this Agreement, and (b) at any and all times, with or without notice, for fire, and police/ or homeland security purposes, to investigate any incidents involving personal injury or property damage, or for any other purpose incidental to the rights and/or duties of City. The right of inspection hereby reserved to City shall impose no obligation on City to make inspections to ascertain the condition of the Premises, and shall impose no liability upon City for failure to make such inspection. Tenant shall provide personnel to accompany City's representatives on periodic inspections of the Premises to determine Tenant's compliance with this Agreement.

114.3 ACTA. (Only applicable if Permitted Uses includes a rail related use) Tenant shall provide to City, the Alameda Transportation Corridor Authority ("ACTA"), or their agents, any information reasonably required to compile accurate statistical information related to the Alameda Corridor, and to enable ACTA to generate timely and accurate invoices for Alameda Corridor use fees and container charges payable by users of the Alameda Corridor. Tenant shall use its best efforts to provide such non-confidential and non-privileged information in the format requested.

114.4 Report of Accidents, Casualties or Crimes. Tenant shall give the Executive Director notice in case of accidents, crimes, fires or other adverse incidents in the Premise promptly after Tenant is aware of any such event.

Section 115. Condemnation.

115.1 Generally. The Parties agree that if during the Term there is any taking of all or any part of the Premises by Condemnation, the rights and obligations of the Parties shall be determined pursuant to this Section 115.

115.2 Total Taking. Tenant may elect to treat as a Partial Taking any Taking that would otherwise qualify as a Total Taking. If a Total Taking of the Premises shall occur, and Tenant does not elect by written notice to City, within sixty (60) days thereafter, to treat the same as a Partial Taking, then this Agreement shall terminate as of the effective date of such Total Taking, and the Rent shall be apportioned accordingly. The proceeds

of the Total Taking shall be allocated between City and Tenant in accordance with their respective interests.

115.3 Partial Taking.

115.3.1 Effect on Agreement; Award. If a Partial Taking shall occur, then any award or awards shall be applied first to repair, rebuilding or restoration of any remaining part of the Improvements not so taken. Tenant shall perform such repair, rebuilding or restoration in accordance with the applicable requirements of this Agreement. The balance of any such award or awards remaining after the repair, rebuilding or restoration shall be distributed to City and Tenant as if they were proceeds of a Total Taking affecting only a portion of the Premises taken. If the Partial Talking impacts the usable area of the Premises, the City shall abate or reduce the Rent payable hereunder as a result of such Partial Taking. No other sums payable under the Agreement shall be abated or reduced as a result of any Partial Taking.

115.3.2 Improvements. Should Tenant terminate this Agreement pursuant to this Section 115, title to all improvements, additions, alterations constructed or installed by Tenant upon the Premises and which have not already vested in City shall thereupon vest in City.

115.3.3 Waiver of CCP § 1265.130. Each Party waives the provisions of the California Code of Civil Procedure Section 1265.130 allowing either Party to petition the superior court to terminate this Agreement in the event of a partial taking of the Premises.

115.4 Temporary Taking. If a Temporary Taking shall occur with respect to use or occupancy of the Premises for a period greater than 120 days, then Tenant shall, at its option, be entitled to terminate this Agreement effective as of the commencement date of the Temporary Taking. If the Temporary Taking relates to a period of 120 days or less, or if Tenant does not elect within sixty (60) days after the 120th day of the Temporary Taking, to terminate this Agreement, then all proceeds of such Temporary Taking (to the extent attributable to periods within the Term) shall be paid to Tenant, and Tenant's obligations under this Agreement shall not be affected in any way.

115.5 Severance Damages. The entire award of compensation paid for any severance damages, whether paid for impairment of access, for land, buildings, and/or improvements shall be the property of City, regardless of whether any buildings or improvements so damaged are owned or were constructed by City or Tenant. However, should City determine that improvements are to be restored, that portion of the severance damages necessary to pay the cost of restoration shall be paid to Tenant accompanied by evidence that the sum requested has been paid for said restoration and is a proper item of such cost and used for such purpose.

115.6 Other Condemnation. In the event of any condemnation action not resulting in a Taking but creating a right to compensation, this Agreement shall continue

in full force and effect without reduction or abatement of Rent, and the award or payment made in connection with such action shall be allocated between City and Lessee in accordance with their respective interests.

115.7 Settlement or Compromise. Neither City, in its Proprietary Capacity under this Agreement, nor Tenant shall settle or compromise any Taking award affecting the interests of the other Party without the consent by such other Party, such consent not to be unreasonably withheld. Each of City and Tenant shall be entitled to appear in all Taking proceedings affecting its respective interest, to participate in any settlement, arbitration or other proceeding involving such a Taking and to claim its Taking award under this Agreement.

115.8 Prompt Notice. If either Party becomes aware of any Taking or threatened or contemplated Taking, then such Party shall promptly give Notice thereof to the other Party.

115.9 Control of Funds after Partial Talking. In the event of a Partial Taking where Tenant is required to, or chooses to, repair, rebuild or restore the damaged improvements, the following provisions regarding control of funds shall apply:

115.9.1 Proceeds Less Than $1,000,000. All proceeds from any Partial Taking less than $1,000,000 shall be distributed to Tenant and shall be applied by Tenant in accordance with Subsection 115.3 (Partial Taking).

115.9.2 Proceeds Greater Than $1,000,000.

115.9.2.1 When Fund Control Mechanism in Leasehold Mortgage Governs. If any Leasehold Mortgage permitted by City and entered into by Tenant contains a fund control mechanism providing that all proceeds from any Partial Taking in excess of $1,000,000 shall be deposited with such Leasehold Mortgagee or a third party depository specified in such Leasehold Mortgage to be disbursed to repair, rebuild or restore the Premises, the mechanics for fund control set forth in such Leasehold Mortgage shall have priority over the corresponding mechanics for fund control set forth in Subsection 115.9.2.2, below.

115.9.2.2 When Fund Control Mechanism in This Agreement Governs. Subject to Subsection 115.9.2.1, above, if proceeds from any Partial Taking total in excess of $1,000,000, then upon request of City all such proceeds shall be deposited with the City to be disbursed to repair, rebuild or restore the Premises in accordance with the procedures set forth in Section 102 (Damage or Destruction to Improvements), and the balance, if any, of such proceeds shall be allocated between City and Tenant in accordance with their respective interests.

115.10 Waiver. The provisions of this Agreement governing Takings are intended to supersede the application of Chapter 10, Article 2 of the California Code of Civil Procedure and all similar Laws, to the extent inconsistent with this Agreement. Nothing in this Section 115 shall be construed to limit City's powers with respect to Takings in its Governmental Capacity.

Section 116. Marks.

116.1 City-Associated Name or Mark. A "City-Associated" name or mark, as used in this Agreement, shall mean any name or Mark that (i) contains, in whole or partly, name(s) and/or mark(s) (including service marks, trademarks, names, titles, descriptions, slogans, insignias, emblems or logos) of the City of Los Angeles or any department, agency or commission thereof; and (ii) imparts the color of authority of the City of Los Angeles; and/or (3) otherwise imparts association with or endorsement by the City of Los Angeles on any goods or services offered by Lessee under such name or mark.

116.2 City Approval of Lessee Name or Mark. City shall have the right of approval of names and marks coined or created by Tenant for use on the Premises to ensure that use of the Premises leased herein under is consistent with that of a public venue leased by a governmental entity. City shall not approve names or marks that impart notions or contain elements that put the City in a false light or that are racist, sexist, derogatory to any legally protected groups/class or unfitting for public facilities.

116.3 No Assignment or Transfer of City's Intellectual Property. Nothing in this Agreement shall be construed to transfer or assign to any party, signatory herein or not, any of the intellectual property rights of the City, including but not limited to trademark rights. Rights not expressly granted by City herein are reserved. Other than as approved by City, Tenant has no right to use any of the City-Associated Marks.

Section 117. Restoration and Surrender of Premises.

117.1 Tenant's Restoration Obligations.

117.1.1 Generally. By the Expiration Date, or any sooner termination of this Agreement, Tenant shall quit and surrender possession of the Premises and shall be obligated to, as directed by the Executive Director, in the Executive Director's sole and absolute discretion, either (i) return the Premises to City in good and usable condition, said condition to be consistent with a first class facility of similar age as repaired, maintained or upgraded by Tenant, or any Assignor, or Affiliate of Tenant under this Agreement or any prior permit, or by City, or (ii) demolish all Improvements on the Premises (both City Improvements and Tenant Improvements, if any) and leave the Premises in a clean level and usable condition as set forth below, or (iii) demolish some of the Improvements on the Premises, as designated by City, and leave the area of the Premises where the Improvements were demolished in a clean level and usable condition as set forth below and the remainder of the Premises in good and usable condition as set forth above or (iv) pay the cost of restoration to City if City chooses to perform the work itself or have

the work performed on its behalf. Additionally, in lieu of demolition, if the City determines that any of the improvements are historical, or eligible for listing as such, the City, in its sole discretion, may require Tenant to pay to City an amount equal to the estimated cost of demolition to be used by the City for the restoration or adaptive reuse of the historical structure or structures. If City terminates this Agreement due to Tenant's default, Tenant is still obligated to restore the Premises as provided in this Section 117 or to pay the cost of restoration if City chooses to perform the work.

117.1.2 Water Restoration (applicable only when the Premises include water use rights). Tenant agrees to remove all debris and sunken hulks from channels, slips and water areas within or fronting upon Premises not solely caused by City. Tenant expressly waives the benefits of the "Wreck Act" (Act of March 3, 1899) 33 U.S.C. Section 401 et seq. and the Limitation of Liability Acts (March 3, 1851, c. 43, 9 Stat. 635) (June 26, 1884, c. 121, Sec. 18, 23 Stat. 57) 46 U.S.C. 189 (Feb. 13, 1893, c. 105, 27 Stat. 445) 46 U.S.C. Sec. 190-196 and any amendments to these Acts if it is entitled to claim the benefits of such Acts.

117.1.3 Restoration Requirements. In connection with Subsections 117.1.1 and 117.1.2, above, Tenant, at its sole cost and expense, shall restore the Premises (including the soil, groundwater and sediment) such that, on the Expiration Date, or earlier termination date, the Premises shall be returned to City:

(a) Free of Term Contamination and in at least as good of a condition as the condition depicted in the Baseline Report, if there is a Baseline Report, and free of all contamination if there is no Baseline Report. As between City and Tenant, Tenant shall bear sole responsibility for Term Contamination and any costs related thereto;

(b) Free of any encumbrances including but not limited to deed or land use restrictions as a result of any Term Release and/or any liens (UCC, federal or state tax or otherwise) on the Premises or on fixtures or equipment, or personal property left on the Premises;

(c) Free of all above-ground and below-ground works, structures, improvements and pipelines of any kind, (collectively referred to as "Structures"), placed on the Premises by Tenant, if directed to remove such Structures by City. If the Premises have been improved by a prior tenant or by both City and a prior tenant, then such Structures which were left on the Premises at Tenant's request or for Tenant's benefit shall also be the responsibility of Tenant except as may be otherwise specified by this Agreement; and

(d) In a clean, level, graded and compacted condition with no excavations or holes resulting from Structures removed if City elects to have Tenant remove all Improvements or, if the City elects to retain some of the

Improvements, the area of the demolished improvements shall be in a clean, level, graded and compacted condition with no excavations or holes resulting from any structures the City elects to have removed.

117.2 Restoration Procedure. Tenant, at its sole cost and expense, shall initiate and complete the procedures set forth below in Subsections 117.2.1 through 117.2.3, and comply with any other conditions reasonably imposed by the Executive Director for the restoration of the Premises. Provided that Tenant discharges its obligations under this Subsection 117.2 expeditiously and in good faith, City shall reasonably endeavor to ensure that the requirement to discharge its obligations disturbs as little as reasonably possible Tenant's undertaking of the Permitted Uses during the Term of this Agreement. The Executive Director may alter or delete any of the procedures set forth below at the Executive Director's sole and absolute discretion.

117.2.1 Site Vacation Plan. When requested to do so in writing by the Executive Director, Tenant shall submit to City a written plan hereinafter referred to as the "Site Vacation Plan". The Executive Director's written request shall state which, if any of the Improvements or Structures on the Premises the City does or does not want Tenant to remove as part of the restoration of the Premises. The sufficiency of the Site Vacation Plan is subject to City's reasonable approval. The Site Vacation Plan shall comply with the then existing Harbor Department procedures for Restoration.

117.2.2 Permits for Restoration. Tenant shall obtain at is sole cost and expense all permits required for the completion of its restoration obligations.

117.2.3 Adequacy of Restoration. Subject to orders or directives issued by any Governmental Agency with jurisdiction which orders or directives shall take precedence over this Subsection 117.2.3, the adequacy of Tenant's execution of the Restoration Obligations shall be within the sole reasonable discretion of the Executive Director. Tenant shall notify the Executive Director in writing when it believes it has completed all work contemplated by the Site Vacation Plan. The Executive Director shall determine the adequacy of the restoration using the Executive's Director sole reasonable discretion.

117.3 Restoration Indemnity. In addition to and not as a substitute for any remedies provided by this Agreement or at law or equity, Tenant shall defend, indemnify and hold harmless City from any and all claims and/or causes of action brought against City and from all damages and costs which arise out of or are related to:

(a) Claims brought by holders of liens on the Premises, Structures, and/or on fixtures and/or equipment or property left on the Premises following the Expiration Date; and

(b) Claims, causes of action, orders or enforcement actions pending against or in connection with the Premises, the Permitted Uses and/or this Agreement.

This restoration indemnity is intended to and shall survive the expiration or earlier termination of this Agreement.

117.4 No Relocation Assistance. Nothing contained in this Agreement shall create any right in Tenant or any sublessees of Tenant for relocation assistance or payment from City upon expiration or termination of this Agreement (whether by lapse of time or otherwise). Tenant acknowledges and agrees that it shall not be entitled to any relocation assistance or payment pursuant to the provisions of any state or federal law, including Title 1, Division 7, Chapter 16 of the California Government Code (Sections 7260 et seq.) with respect to any relocation of its business or activities upon the expiration of the term of this Agreement or upon its earlier termination or upon the termination of any holdover.

117.5 Failure to Restore. If City has directed Tenant to demolish or restore some or all of the improvements on the Premises, or otherwise restore the Premises, and Tenant has failed to do so, or failed to do so to the level required by this Agreement, on or before the earlier to occur of the date of the termination of this Agreement or the Expiration Date, City shall have the right, but not the obligation, to remove and/or demolish the same at Tenant's cost. In that event, Tenant agrees to pay to City, upon demand, City's Costs of any such removal, demolition or restoration and further agrees that such City's Costs shall be deemed Additional Rent.

Section 118. Miscellaneous.

118.1 Titles and Captions. Unless otherwise indicated, references in this Agreement to sections, subsections, paragraphs, clauses, exhibits and schedules are to the same contained in or attached to this Agreement. Additionally, the Parties have inserted the section titles in this Agreement only as a matter of convenience and for reference, and the section titles in no way define, limit, extend or describe the scope of this Agreement or the intent of the Parties in including any particular provision in this Agreement. Unless otherwise specified, references to Section or Subsection are to sections and subsections of this Agreement.

118.2 Exhibits and Attachments. All exhibits and attachments to which reference is made in this Agreement are deemed incorporated in this Agreement, whether or not actually attached. References to sections are to sections of this Agreement unless stated otherwise.

118.3 Construction of Agreement. This Agreement shall not be construed against the Party preparing the same, shall be construed without regard to the identity of the person who drafted such and shall be construed as if all Parties had jointly prepared this Agreement and it shall be deemed their joint work product; each and every provision

of this Agreement shall be construed as though all of the Parties hereto participated equally in the drafting hereof; and any uncertainty or ambiguity shall not be interpreted against any one Party. As a result of the foregoing, any rule of construction that a document is to be construed against the drafting Party shall not be applicable.

118.4 Entire Agreement; Amendments. This Agreement and all exhibits referred to in this Agreement constitute the final complete and exclusive statement of the terms of the agreement between City and Tenant pertaining to Tenant's use and occupancy of the Premises and, subject to the provisions of Subsection 118.32 (Prior Permits), supersedes all prior and contemporaneous understandings or agreements of the Parties. Neither Party has been induced to enter into this Agreement by, and neither Party is relying on, any representation or warranty outside those expressly set forth in this Agreement.

118.5 Modification in Writing. This Agreement may be modified only by written Agreement of all Parties. Any such modifications are subject to all applicable approval processes set forth in City's Charter, City's Administrative Code, or Applicable Laws.

118.6 Waivers. A failure of any Party to this Agreement to enforce the Agreement upon a breach or default shall not waive the breach or default or any other breach or default. All waivers shall be in writing. The subsequent acceptance of Rent by Board shall not be deemed to be a waiver of any other breach by Tenant of any term, covenant or condition of this Agreement, other than the failure of Tenant to timely make the particular Rent payment so accepted, regardless of Board's knowledge of such other breach. No delay, failure or omission of either Party to execute any right, power, privilege or option arising from any default, nor subsequent acceptance of guarantee then or thereafter accrued, shall impair any such right, power, privilege, or option, or be construed to be a waiver of any such default or relinquishment thereof, or acquiescence therein, and no notice by either Party shall be required to restore or revive the time is of the essence provision hereof after waiver by the other Party or default in one or more instances. No option, right, power, remedy or privilege of either Party shall be construed as being exhausted or discharged by the exercise thereof in one or more instances. It is agreed that each and all of the rights, powers, options or remedies given to City by this Agreement are cumulative, and no one of them shall be exclusive of the other or exclusive of any remedies provided by law, in that the exercise of one right, power, option or remedy by City shall not impair its rights to any other right, power, option or remedy.

118.7 Joint and Several Obligations of Tenant. If more than one individual or entity comprises Tenant, the obligations imposed on each individual or entity that comprises Tenant under this Agreement shall be joint and several.

118.8 Time is of the Essence. Time shall be of the essence as to all dates and times of performance, and obligations set forth herein, whether or not a specific date is contained herein. If performance is required by the terms hereof on a Saturday, Sunday or legal holiday in California, the performance shall be made on the next business day.

118.9 Statements of Tenant as Applicant. This Agreement may be granted pursuant to an application filed by Tenant with Board. If the application or any of the attachments thereto contain any material misstatements of fact, Board may cancel this Agreement. Upon any such cancellation of the Agreement granted hereunder, Tenant shall quit and surrender the Premises as provided in Section 117 (Restoration and Surrender of Premises).

118.10 Governing Law and Venue. This Agreement is made and entered into in the State of California and shall in all respects be construed, interpreted, enforced and governed under and by the laws of the State of California, without reference to choice of law rules. Any action or proceeding arising out of or related to this Agreement shall be filed and litigated in the state or federal courts located in the County of Los Angeles, State of California, in the judicial district mandated by applicable court rules. If either Party files or attempts to litigate an action in violation of this Subsection 118.10, the other Party shall be entitled to recover reasonable costs and attorneys' fees incurred to enforce this Subsection 118.10.

118.11 Severability. Should any part, term, condition or provision of this Agreement be declared or determined by any court of competent jurisdiction to be invalid, illegal or incapable of being enforced by any rule of law, public policy, or charter, the validity of the remaining parts, terms, conditions or provisions of this Agreement shall not be affected thereby, and such invalid, illegal or unenforceable part, term, condition or provision shall be treated as follows: (a) if such part, term, condition or provision is immaterial to this Agreement, then such part, term, condition or provision shall be deemed not to be a part of this Agreement; or (b) if such part, term, condition or provision is material to this Agreement, then the Parties shall revise the part, term, condition or provision so as to comply with the Applicable Law or public policy and to effect the original intent of the Parties as closely as possible.

118.12 Termination by Court. If any court having jurisdiction in the matter renders a final decision which prevents the performance by City of any of its obligations under this Agreement, then either Party may terminate this Agreement by written notice, and all rights and obligations hereunder (with the exception of any undischarged rights and obligations) shall thereupon terminate.

118.13 License Fees and Taxes. Tenant shall pay all taxes and assessments of whatever character levied upon or charged against the interest of Tenant, if any, created by this Agreement in the Premises or upon works, buildings, improvements or other property thereof, or upon Tenant's operations hereunder. Tenant shall also pay all license and permit fees required for the conduct of its operations hereunder. Any sums due and owing to City by Tenant under this Subsection 118.13, or paid by City on Tenant's behalf shall be deemed Additional Rent.

118.14 POSSESSORY INTEREST. TENANT IS AWARE THAT THE GRANTING OF THIS AGREEMENT TO TENANT MAY CREATE A POSSESSORY PROPERTY INTEREST IN TENANT AND THAT TENANT MAY BE SUBJECT TO

PAYMENT OF A POSSESSORY PROPERTY TAX IF SUCH AN INTEREST IS CREATED.

118.15 Waiver of Claims. Tenant hereby waives any claim against City and Board and its officers, agents or employees for damages or loss caused by any suit or proceedings directly or indirectly challenging the validity of this Agreement, or any part thereof, or by any judgment or award in any suit or proceeding declaring this Agreement null, void or voidable or delaying the same or any part thereof from being carried out.

118.16 Attorneys' Fees. In any legal action or other proceeding brought to enforce or interpret the terms of this Agreement, the prevailing party shall be entitled to "reasonable attorneys' fees" and any other costs and expenses, including but not limited to expert fees, incurred in that proceeding in addition to any other relief to which it is entitled. The "reasonable attorneys' fees" awarded under this Subsection 118.16 shall be determined by calculating the hours reasonably expended by each counsel for the prevailing party multiplied by the prevailing market hourly rate in Southern California for attorneys of comparable skill and experience.

118.17 Conflict of Interest. The Parties to this Agreement have read and are aware of the provisions of Section 1090 et seq. and Section 87100 et seq. of the California Government Code relating to conflict of interest of public officers and employees, as well as the Conflict of Interest Code of City's Harbor Department. All Parties hereto agree that they are unaware of any financial or economic interest of any public officer or employee of City relating to this Agreement. Notwithstanding any other provision of this Agreement, it is further understood and agreed that if such a financial interest does exist at the inception of this Agreement, City may immediately terminate this Agreement by giving written notice thereof.

118.18 Extent of Water Frontage. In case this Agreement, or any part thereof or any improvements made hereunder, shall be assigned, transferred, leased or subleased and the control thereof be given or granted to any person, firm, or corporation so that such person, firm or corporation shall then own, hold or control more than the length of water frontage permitted or authorized under Section 654(a) of the Charter of City, or if Tenant shall hold or control such water frontage without a four-fifths vote of the Board and a two-thirds vote of the City Council approving the control of such water frontage, then this Agreement and all rights hereunder shall thereupon and thereby be absolutely terminated, and any such attempted or purported assignment, transfer or sublease, or giving or granting of control to any person, firm or corporation, which will then own, hold or control more than such permitted or authorized length of water frontage, shall be void and ineffectual for any purpose whatsoever.

118.19 Business Tax Registration Certification.

118.19.1 Tenant. Tenant represents that it has registered its business with the Office of Finance of the City of Los Angeles and has obtained and presently holds from that Office a Business Tax Registration Certificate, or a Business Tax Exemption Number, required by City's Business Tax Ordinance (Article I, Chapter

2, Sections 21.00 *et seq,* of City's Municipal Code, or its successor). Tenant shall maintain, or obtain as necessary, all such Certificates required of it under said Ordinance and shall not allow any such Certificate to be revoked or suspended during the Term of this Agreement.

118.19.2 Contractors. Tenant represents that it shall require its contractors and subcontractors to register their business with the Office of Finance of the City of Los Angeles and to obtained and hold from that Office a Business Tax Registration Certificate, or a Business Tax Exemption Number, required by City's Business Tax Ordinance (Article 1, Chapter 2, Sections 21.00 et seq. of City's Municipal Code, or its successor) for all work done on the Premises.

118.19.3 Subtenants. Tenant represents that it shall include in all its subleases the requirement that the subtenant register its business with the Office of Finance of the City of Los Angeles and obtain and hold from that Office a Business Tax Registration Certificate, or a Business Tax Exemption Number, required by City's Business Tax Ordinance (Article 1, Chapter 2, Sections 21.00 et seq. of City's Municipal Code, or its successor) and further require that the subtenant maintain, or obtain as necessary, all such Certificates required of it under said Ordinance and not allow any such Certificate to be revoked or suspended during the Term of its sublease.

118.20 Affirmative Action. Tenant agrees not to discriminate in its employment practices against any employee or applicant for employment because of the employee's or applicant's race, religion, ancestry, national origin, sex, sexual orientation, age, disability, marital status, domestic partner status or medical condition. All assignments, subleases and transfers of interest in this Agreement under or pursuant to this Agreement shall contain this provision. The provisions of Section 10.8.4 of the Los Angeles Administrative Code as set forth in the attached Exhibit "L" are incorporated herein and made a part hereof.

118.21 Service Contractor Worker Retention Policy and Living Wage Policy Requirements. The Board adopted Resolution No. 5771 on January 3, 1999, agreeing to adopt the provisions of Los Angeles City Ordinance No. 171004 relating to Service Contractor Worker Retention ("SCWR"), Section 10.36 et seq. of the Los Angeles Administrative Code, as the policy of City's Harbor Department. Further, Charter Section 378 requires compliance with the City's Living Wage requirements as set forth by ordinance, Section 10.37 et seq. of the Los Angeles Administrative Code. Tenant shall comply with the policy wherever applicable. Violation of this provision, where applicable, shall entitle the City to terminate this Agreement and otherwise pursue legal remedies that may be available.

118.22 Wage and Earnings Assignment Orders/Notices of Assignments. Tenant is obligated to fully comply with all applicable state and federal employment reporting requirements for the Tenant and/or its employees. Tenant shall certify that the principal owner(s) are in compliance with any Wage and Earnings Assignment

Orders/Notices of Assignments applicable to them personally. Tenant shall fully comply with all lawfully served Wage and Earnings Assignment Orders and Notices of Assignments in accordance with Cal. Family Code Section 5230 et seq. Tenant shall maintain such compliance throughout the term of this Agreement.

118.23 Equal Benefits Policy. The Board adopted Resolution No. 6328 on January 12, 2005, agreeing to adopt the provisions of Los Angeles City Ordinance No. 172,908, as amended, relating to Equal Benefits, Section 10.8.2.1 et seq. of the Los Angeles Administrative Code, as a policy of City's Harbor Department. Tenant shall comply with the policy wherever applicable. Violation of the policy shall entitle the City to terminate any agreement with Tenant and pursue any and all other legal remedies that may be available.

118.24 State Tidelands Act, Grants and Trusts; City Charter. This Agreement is entered into in furtherance of and as a benefit to the State Tidelands Grant and the trust created thereby. Therefore, this Agreement, the Premises and Tenant's use and occupancy thereof, is at all times subject to the limitations, conditions, restrictions and reservations contained in and prescribed by the Act of the Legislature of the State of California entitled "An Act Granting to the City of Los Angeles the Tidelands and Submerged Lands of the State Within the Boundaries of Said City", approved June 3, 1929 (Stats. 1929, Ch. 651), as amended, ("Act") and provisions of Article VI of the Charter of the City of Los Angeles ("Charter") relating to such lands. Tenant agrees that any interpretation of this Agreement and the terms contained herein must be consistent with such limitations, conditions, restrictions and reservations of the Act and the Charter. Tenant further agrees that it shall not undertake any use of the Premises, even a Permitted Use, which is or will be inconsistent with such limitations, conditions, restrictions and reservations.

118.25 Disclosure Laws. Tenant acknowledges that City is subject to laws, rules and/or regulations generally requiring it to disclose records upon request, which laws, rules and/or regulations include but are not limited to the California Public Records Act (California Government Code Sections 6250 et seq.) ("Disclosure Laws"). Tenant further acknowledges City's obligation and intent to comply with such Disclosure Laws in all respects. Notwithstanding the foregoing, in the event that City receives a request for disclosure of records in connection with this Agreement, which Tenant has designated in writing as confidential, City shall immediately notify Tenant in writing, enclosing a copy of such request, at which point Tenant may take whatever steps deemed appropriate, including but not limited to seeking a protective or other order excusing disclosure from a court of competent jurisdiction. In the absence of such an order from a court of competent jurisdiction excusing City from its disclosure obligations, City shall undertake whatever action is necessary to comply with the requirements imposed by the applicable Disclosure Laws. In the event that any action is filed by Tenant and/or by any requester of information where Tenant elects to challenge all or any part of the requested disclosure, and City is named as a party to that action, Tenant shall defend and hold City and City's former, present and future boards, elected and appointed officials, employees, officers, directors, representatives, agents, departments, subsidiary and affiliated entities,

assigns, insurers, attorneys, predecessors, successors, divisions, subdivisions and parents, and all persons or entities acting by and through, under, or in concert with any of the foregoing, harmless from any and all defense costs and judgments or settlements in any such action as well as all other losses and expenses arising out of or related to such action.

118.26 Visual Artists' Rights Act.

118.26.1 Generally. Tenant shall not install, or cause to be installed, any work of art subject to the Visual Artists' Rights Act of 1990 (as amended), 17 U.S.C. 106A, et seq., or California Civil Code Section 980, et seq., (hereinafter collectively "VARA") on or about the Premises without first obtaining a waiver in writing, of all rights under VARA, satisfactory to the Executive Director and approved as to form and legality by the City Attorney's Office, from the artist. Said waiver shall be in full compliance with VARA and shall name City as a party for which the waiver applies.

118.26.2 Prohibition. Any work of art installed, or caused to be installed, by Tenant without the prior written authorization of the Executive Director shall be deemed a trespass, removable by City, by and through its Executive Director, upon three (3) days written notice, all costs, expenses and liability therefor to be borne exclusively by Lessee.

118.26.3 Indemnity. Tenant, in addition to other obligations to indemnify and hold City harmless, as more specifically set forth in this Agreement, shall indemnify and hold harmless City from all liability resulting for Tenant's failure to obtain the artist's waiver of VARA and failure to comply with any portion of this Subsection 118.28.

118.26.4 Cumulative Remedy. The rights afforded the City under this Subsection 118.26 shall not replace any other rights afforded City in this Agreement or otherwise, but shall be considered in addition to all its other rights.

118.27 Supervision of Business Practices. The nature and manner of conducting any and all business activities on the Premises shall be subject to reasonable regulation by the Board. In the event such business is not conducted in a reasonable manner as determined by the Board, it may direct that corrective action be taken by Tenant or its sublessees to remedy such practices and upon failure to comply therewith within thirty (30) days of Tenant receiving such written notice, the Board may declare this Agreement terminated.

118.28 Tenant Name Change. Tenant shall promptly, and in no case later than fifteen (15) days after a change in name, notify the Executive Director in writing of any changes to its name, or contact or delivery information, set forth in the preamble, or the notification sections, of this Agreement.

118.29 Signs. Tenant shall not erect or display, or agree to be erected or displayed, on the Premises, or upon works, buildings and improvements made by Tenant, any advertising matter of any kind, including signs, without first obtaining the written consent of the Executive Director and a Harbor Engineer's General Permit.

118.30 Ownership of Improvements. During the Term of the Agreement, title to all structures, improvements, or facilities, constructed or installed by Tenant ("Tenant Improvements") and all alterations constructed or installed by Tenant on Tenant Improvements shall remain in Tenant. Upon termination of this Agreement, all Tenant Improvements or alterations, other than machines, equipment, trade fixtures and similar installations of a type normally removed without structural damage to the Premises, shall become a part of the land upon which they are constructed, or of the building on which they are affixed, and title thereto shall thereupon vest in City unless, however, City requests Tenant to remove some or all of said improvements, in which case Tenant shall promptly remove such improvements at Tenant's sole cost and expense. In the event of removal of any improvements, Tenant shall comply with the restoration obligations of Section 111 (Indemnity and Insurance). Notwithstanding the foregoing, in the event that the Harbor Department ascertains a need to acquire Tenant owned assets prior to title to those assets vesting in City, straight-line depreciation shall be applied to determine the purchase price.

118.31 Promotion of Los Angeles Harbor Facilities. Tenant shall in good faith and with all reasonable diligence use its best efforts by suitable advertising and other means to promote the use of the Premises granted by this Agreement.

118.32 Prior Permits. To the extent that Tenant and/or its predecessors or Affiliates used or occupied the Premises pursuant to prior agreements, from and after the Effective Date of this Agreement, Tenant's use and occupancy of the Premises shall be governed by this Agreement; provided, however, that any provisions which survive termination or expiration of such prior agreements by the terms of the prior agreement or operation of law shall continue in full force and effect unless specifically stated otherwise in Article 1 of this Agreement.

118.33 No Third Party Beneficiaries. Nothing in this Agreement shall be deemed to confer upon any Person (other than City, Tenant or Tenant's lender) any right to insist upon, or to enforce against City or Tenant, the performance or observance by either Party of its obligations under this Agreement.

118.34 Successors. This Agreement shall be binding upon and shall inure to the benefit of the successors and assigns of City and shall be binding upon and inure to the benefit of the successors and permitted assigns and sublessees of Tenant.

118.35 Proprietary Capacity. The capacity of City in this Agreement shall be as lessor only ("Proprietary Capacity"), and any obligations or restrictions imposed by this Agreement on City shall be limited to that capacity and shall not relate to, constitute a waiver of, supersede or otherwise limit or affect the governmental capacities of City,

including enacting laws, inspecting structures, reviewing and issuing permits, and all of the other legislative and administrative or enforcement functions of each pursuant to federal, State or local law ("Governmental Capacity"). Whenever not expressly otherwise stated, (a) City, when acting in its Proprietary Capacity, shall not unreasonably withhold it approvals to matters requiring its approval hereunder, (b) Tenant shall not unreasonably withhold its approval to matters requiring its approval hereunder and (c) City, when acting in its Governmental Capacity, shall be permitted to utilize its sole discretion with respect to matters requiring its approval hereunder.

118.36 Executive Director Authority. Whenever this Agreement refers to an action to be taken by the Executive Director, to the extent permitted by Applicable Law, that action may be taken by the Executive Director or the Executive Director's designee.

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[Signature page follows]

IN WITNESS WHEREOF, the Parties hereto have executed this Agreement on the date to the left of their signatures.

THE CITY OF LOS ANGELES, by
Its' Board of Harbor Commissioners

Dated: _____, 20__

By: _____
EUGENE D. SEROKA
Executive Director

Attest: _____
AMBER M. KLESGES
Board Secretary

PORT MAINTENANCE
GROUP, INC.

Dated: JAN 14TH, 20 21

By: _____
John Ryles COO
(Print/type Name and Title)

Attest: _____
Stephen T. Boggard COO
(Print/type Name and Title)

APPROVED AS TO FORM AND LEGALITY

1/19, 20 21

MICHAEL N. FEUER, City Attorney
JANNA B. SIDLEY, General Counsel

By: _____
HELEN J. SOK, Deputy

HJS:lts
(12/29/2020)

ATTACHMENT 1 - Glossary of Terms

"ACTA" means the Alameda Transportation Corridor Authority or its successor entity.

"Additional Rent" means the monetary sum, in U.S. Dollars, Tenant shall pay to City for its use and occupancy of the Premises above the Base Rent as set forth in Article 1, Section 4 of this Agreement.

"Adjusted Base Rent" means the adjustment to the Base Rent which occurs every five (5) years of the Term pursuant to Article 1, Section 4 of this Agreement.

"Aggregate Contamination" means the aggregate of Term Contamination and Pre-existing Contamination so as to constitute, without regard to source, cause or time, the totality of contamination of improvements, adjacent harbor waters, soil, sediment, groundwater or air of the Premises or of adjacent premises (including soil, sediment, groundwater or air of those adjacent premises) by Environmentally Regulated Material, and contamination that is considered a nuisance under Applicable Laws.

"Affiliate" means, when used with reference to a specified person or entity, any person or entity which directly or indirectly controls, is controlled by or is under common control with the specified person or entity. A person or entity shall be regarded as in control of another entity if it owns or is under common ownership or directly or indirectly controls at least fifty (51%) of the voting stock or other equity interests of the other entity, or in the absence of ownership of at least fifty percent (51%) of the voting securities of an entity, if it possesses, directly or indirectly, the power to direct or cause the direction of the management and policies of such entity.

"Alteration" or **"Alterations"** means improvements, alterations, additions or changes to the Premises including, without limitation, the construction of works or improvements or the changing of the grade of the Premises, except as otherwise stated in this Agreement.

"Annual Adjustment Date" shall have the meaning set forth in Article 1, Subsection 4.3.1.

"Applicable Laws" means any and all federal, state, county or governmental agency laws, statutes, ordinances, standards, codes (including, without limitation, all building codes) rules, requirements, or orders in effect now or hereafter in effect pertaining to the use or condition of the Premises and/or Tenant's operation and conduct of its business. Applicable Laws shall include, but not be limited to, all environmental laws and regulations in effect now or hereafter in effect including: (a) CERCLA and its implementing regulations; (b) RCRA and it implementing regulations; (c) The Federal Clean Water Act (33 U.S.C. Sections 1251-1376, *et seq.*) its implementing regulations; (d) The California

Porter Cologne Water Quality Control Act (California Water Code, Division 7) and its implementing regulations; (e) The Federal Clean Air Act (42 U.S.C. Section 7401-7601) and its implementing regulations; (f) The California Clean Air Act of 1988 and its implementing regulations; (g) The California Lewis-Presley Air Quality Management Act of 1976 and its implementing regulations; and (h) Any other applicable federal, state, or local law, regulation, ordinance, order, resolution or requirement (including consent decrees and administrative orders imposing liability or standard of conduct) now or hereafter in effect which concerns Environmental Regulated Material, the Premises and/or Tenants use and/or occupancy of the Premises.

"Application for Port Permits" or **"APP"** means the application required to be submitted by Tenant for all alterations to the Premises. An APP is also required for all non-development projects such as new leases or permits, lease or permit renewals, lease or permit amendments, events, parking requests for events and foreign trade zone agreements. All references to Application for Port Permits or APP shall also mean any successor application process adopted by the Harbor Department.

"Assignment" means the transfer, or assignment of this Agreement, in whole or in part, in any manner including without limitation the involvement of Tenant or its assets in any transaction, or series of transactions (by way of merger, sale, acquisition, financing, transfer, leveraged buyout or otherwise) whether or not there is a formal assignment or hypothecation of this Agreement or Tenant's assets, which involvement results in a reduction of the net worth of Tenant (defined as the net worth of Tenant, excluding guarantors, established by generally accepted accounting principles) by an amount greater than twenty-five percent (25%) of such net worth as it was represented at the time of the execution of this Agreement, or at the time of the most recent Transfer to which City has consented, or as it exists immediately prior to said transaction or transactions constituting such reduction, whichever was or is greater. For purposes of this definition, the term "by operation of law" includes but is not limited to: (1) the placement of all or substantially all of Tenant's assets in the hands of a receiver or trustee; or (2) a transfer by Tenant for the benefit of creditors; or (3) transfers resulting from the death or incapacity of any individual who is a Tenant of, or a general partner of, a Tenant.

"Assignor" means collectively any transferor or assignor of Tenant's interest in the Premises, or any portion thereof, including any and all entities that occupied the Premises prior to Tenant and actually or purportedly transferred or assigned its right of occupancy to Tenant either contractually or under operation of law, including any "Transfer" as defined in Article 2, Section 113, whether or not there was a written assignment or approval of the assignment by City.

"Appraisal Process" means the process set forth in Article 1, Subsection 4.3.2.2, to resolve disputed Adjusted Base Rent.

“Backlands” means the land area beyond 200 feet inland from the top of the bank.

“Baseline Condition” shall have the meaning set forth in Article 2, Subsection 104.2.

“Base Rent” means the monetary sum, in U.S. Dollars, Tenant shall pay to City for its use and occupancy of the Premises per Compensation Year, excluding Tariff Charges and other Additional Rent, as set forth in Article 1, Section 4 of this Agreement.

“Board” means the Board of Harbor Commissioners of the Harbor Department of the City of Los Angeles.

“Casualty” means damage or destruction of the improvements on the Premises.

“CEQA” means the California Environmental Quality Act, Sections 21000 et. seq. of the Public Resources Code and the CEQA Guidelines set forth at 14 California Code of Regulations Sections 15000 et. seq.

“Charter” or **“City Charter”** means the Charter of the City of Los Angeles as it may be amended from time to time.

“Chief Harbor Engineer” means the Chief Harbor Engineer, Engineering Division of the Harbor Department, or successor designations should that title be renamed or redesignated during the Term.

“City” means the City of Los Angeles, a municipal corporation.

“City Council” means the Council of the City of Los Angeles, the legislative body of the City pursuant to Section 20 of the Charter of the City of Los Angeles.

“City Costs” or **“City’s Costs”** means the costs, determined in the City’s sole reasonable discretion, for any work performed by or for City to comply with a Tenant obligation under this Agreement including, without limitation, the cost of maintenance or repair or replacement of property neglected, damaged or destroyed, including direct and allocated costs for labor, materials, services, equipment usage, and other indirect or overhead expenses arising from or related to maintenance, repair or replacement work performed by or on behalf of City; for the processing of any approvals or consents required or requested by Tenant; for the cost of processing an APP for the Tenant’s Premises; and, for the cost of complying with any Governmental Agencies’ orders which were the responsibility of Tenant.

“City Improvements” means those improvements on the Premises owned by the City.

“Compensation Year” means the twelve (12) month period from the Effective Date and every twelve month period thereafter.

"Condemnation" means the taking of property through acquisition or damage of all or part of the Premises by a Government Agency having the power of eminent domain.

"County" means the County of Los Angeles.

"CPI-U" means the Consumer Price Index for All Items, All Urban Consumers for the Los Angeles-Long Beach-Anaheim, California area, 1982-84=100 as published by the U.S. Department of Labor, Bureau of Labor Statistics, or a successor index selected by the Executive Director of the Harbor Department in the Executive Director' sole reasonable discretion.

"Effective Date" is the date specified in Article 1, Subection 3.1 of this Agreement.

"Environmental Compliance Requirements" means the requirements identified in Exhibit "I" as set forth in Article 2, Subsection 104.6.1. Generally this term encompasses the MMRP, Lease Measures, and any other environmental compliance and/or reporting requirements related to Tenant's environmental obligations set forth in Article 2, Section 104 of this Agreement.

"Environmental Agency" means the United State Environmental Protection Agency; the California Environmental Protection Agency and all of its sub-entities including without limitation the Regional Water Quality Control Broad - Los Angeles Region, the State Water Resources Control Board, the Department of Toxic Substances Control and the California Air Resources Board; the City of Los Angeles; the County of Los Angeles; the South Coast Air Quality Management District; the United States Environmental Protections Agency; and/or any other federal, state or local governmental agency or entity that has jurisdiction over Hazardous Substances Releases or the presence, use, storage, transfer, manufacture, licensing, reporting, permitting, analysis, disposal or treatment of Hazardous Substances in, on, under, about or affecting the Property. All references to an Environmental Agency or Agencies shall mean and include any successor Environmental Agency.

"Environmental Laws" means the environmental laws and implementing regulations which are a subset of the Applicable Laws and which are applicable to the Premises and/or Tenant's use and/or occupancy thereof, in their form as of the Effective Date or as subsequently amended, or as may be promulgated during the term of this Agreement or any holdover. Such Environmental Laws include but are not limited to:

(a) CERCLA and its implementing regulations;

(b) RCRA and its implementing regulations;

(c) The federal Clean Water Act (33 U.S.C. Sections 1251–1376, et seq.) and its implementing regulations;

(d) The California Porter Cologne Water Quality Control Act (California Water Code, Division 7) and its implementing regulations;

(e) The federal Clean Air Act (42 U.S.C. Sections 7401-7601) and its implementing regulations;

(f) The California Clean Air Act of 1988 and its implementing regulations;

(g) The state Lewis Air Quality Act of 1976 and its implementing regulations; and

(h) Any other applicable federal, state, or local law, regulation, ordinance or requirement (including consent decrees and administrative orders imposing liability or standard of conduct) now or hereinafter in effect which concerns Environmentally Regulated Material, the Premises and/or Tenant's use and/or occupancy thereof.

"Environmentally Regulated Material" means any hazardous or toxic substance, material, or waste at any concentration that is or becomes regulated by the United States, the State of California, or any local or governmental authority having jurisdiction over the Premises. Environmentally Regulated Material includes but is not limited to:

(a) Any "hazardous substance" as that term is defined in the Comprehensive Environmental Response, Compensation and Liability Act of 1980 ("CERCLA") (42 U.S.C. Sections 9601-9675) in its present or successor form;

(b) "Hazardous waste" as that term is defined in the Resource Conservation and Recovery Act of 1976 ("RCRA") (42 U.S.C. Sections 6901-6992k) in its present or successor form;

(c) Any pollutant, contaminant, or hazardous, dangerous, or toxic chemical, material or substance, within the meaning of any other applicable federal, state, or local law, regulation, ordinance or requirement (including consent decrees and administrative orders imposing liability or standard of conduct concerning any hazardous, dangerous or toxic waste, substance or material, now or hereinafter in effect);

(d) Radioactive material, including any source, special nuclear, or byproduct material as defined in 42 U.S.C. Sections 2011-2297g-4 in its present or successor form;

(e) Asbestos in any form or condition;

(f) Polychlorinated biphenyls ("PCBs") and substances or compound containing PCBs; and

(g) Petroleum products.

"Executive Director" means the Harbor Department's Executive Director referred to in the Charter of the City of Los Angeles and any other person authorized by the Board to act for the Executive Director or the Board or the designee of the Executive Director.

"Existing Improvements" means the improvements existing on the Premises as of the Effective Date of this Agreement.

"Expiration Date" is the date set forth in Article 1, Subsection 3.2 of this Agreement.

"Fair Market Rental" means the most probable rent that a property should bring in a competitive market reflecting all conditions and restrictions of the lease agreement, including permitted uses, use restrictions and tenant improvements.

"Five-Year Adjustment Period" means each five (5) year period of the Term of this Agreement which is subject to rental adjustment pursuant to Article 1, Section 4, of this Agreement.

"Force Majeure" shall have the meaning set forth in Article 2, Section 110 of this Agreement.

"Governmental Agency" or **"Governmental Agencies"** means any and all federal, state, county, municipal and local governmental and quasi-governmental bodies and authorities (including the United States of America, the State of California, the City, the County of Los Angeles, and any political subdivision, public corporation, district or other political or public entity) or departments or joint power authorities thereof having or exercising jurisdiction over the parties, the Premises, or such portions thereof as the context indicates.

"Governmental Authority" means any court, federal, state or local government, department, commission, board, bureau, agency or other regulatory, administrative, governmental or quasi-governmental authority, including the City of Los Angeles, of the United States of America, including any successor agency.

"Governmental Capacity" means City acting in its authorized capacity as the City of Los Angeles, a municipal corporation, as set forth in Article 2, Subsection 118.35.

"Government Entities" or **"Governmental Agency or Agencies"** means any and all federal, state, county, municipal and local governmental and quasi-governmental bodies and authorities (including the United States of America, the State of California, the City, the County, and any political subdivision, public corporation, district or other political or public entity) or departments or joint power authorities thereof having or exercising

jurisdiction over the parties, the Premises, or such portions thereof as the context indicates.

"Harbor Department" or **"Department"** means the Harbor Department of the City of Los Angeles.

"Harbor District" is as defined in Section 651(a) of City's Charter or in any successor provision of City's Charter.

"Chief Harbor Engineer's General Permit" of **"Harbor Engineer's General Permit"** means the permit issued by the Chief Harbor Engineer to undertake works or improvements in the Harbor District.

"Harbor Engineer" means the Chief Harbor Engineer of the Harbor Department of the City of Los Angeles or the Harbor Engineer's designee.

"Improvement" means, unless otherwise specified, building or buildings, but may be any permanent structure or other development such as, but not limited to, a street or utilities.

"Labor Disturbance" has the meaning set forth in Article 2, Subsection 103.2.4 of this Agreement.

"Market Rent" means the most probable rent that a property should bring in a competitive and open market reflecting all conditions and restrictions of the lease agreement, including permitted uses, use restrictions, expense obligations, term, concessions, renewal and purchase options, and tenant improvements.

"Major Casualty" means any casualty, whether covered by insurance or not, whose repair would exceed ten percent (10%) of the replacement cost of the damaged or destroyed improvements.

"Minor Casualty" means any casualty, whether covered by insurance or not, which is not a Major Casualty.

"Mitigation Monitoring and Reporting Program" or "MMRP" means the Mitigation Monitoring and Reporting and Program described in Exhibit "I", herein.

"Non-Harbor Department Permits" means permits issued by entities other than the Harbor Department, which entities include other departments of City, which may be necessary to undertake works or improvements in the Harbor District.

"Partial Taking" means the Condemnation of all or a portion of the Premises which does not substantially impair Tenant's use of the Premises for the Permitted Uses.

"Party" and **"Parties"** is defined in the introductory paragraph of this Agreement.

“Permitted Uses” means the uses set forth in Article 1, Section 5 of this Agreement.

“Person” means individuals, partnerships, firms, associations, corporations, trusts and any other form of governmental or business entity, and the singular shall include the plural.

“Port Environmental Policy” means all applicable environmental policies, rules, orders and directives of the Harbor Department as they exist on the Effective Date and as they may be enacted, amended or modified from time to time.

“Premises” means the land and improvements depicted in Exhibit “A”, and as subsequently may be adjusted pursuant to the terms of this Agreement.

“Proprietary Capacity” is as defined in Article 2, Subsection 118.35, of this Agreement.

“Rent” means the combined Base Rent and Additional Rent due from Tenant to City for the use and occupancy of the Premises.

“Reset Date” means every fifth anniversary of the Effective Date as set forth in Article 1, Subsection 4.2.2.

“Severance Damages” means the compensation due to a property owner for the decrease in value of the remaining property where the Condemnation is for a portion of a larger property whose value has been diminished as a result of severance of the condemned property from the larger property.

“Site Vacation Plan” is as defined in Article 2, Subsection 117.2.1 of this Agreement.

“State Tidelands Act” means the Act of the Legislature of the State of California entitled “An Act Granting to the City of Los Angeles the Tidelands and Submerged Lands of the State Within the Boundaries of Said City” (Stats. 1929, Ch. 651) as amended, and as it may amended from time to time.

“Submerged Lands” means land area that is located underwater from the pierhead line toward the channel line.

“Subsurface Land” means the land area which has a depth of more than three (3) feet beneath the surface.

“Taking” means the acquisition through condemnation, inverse condemnation, or agreement in lieu of condemnation, of the Premises or any part thereof.

“Tariff” means Tariff No. 4 of City of Los Angeles’ Harbor Department as it may be amended from time to time.

“Tariff Charges” means all charges due and owing by Tenant under the Tariff on account of Tenant’s use and occupancy of the Premises.

“Tax” or **“Taxes”** means the aggregate of any federal, state or local or foreign income, gross receipts, license, payroll, employment, excise, severance, stamp, occupation, business, premium, windfall profits, environmental, customs duties, permit fees, capital stock, franchise, profits, withholding, social security (or similar), unemployment, disability, good and services, water, school, real property, possessory interest, personal property, sales, use, transfer, registration, value added, multi-staged, alternative or add-on minimum, special, estimated or other tax, levy, impost, stamp tax, duty, fee, withholding or similar imposition of any kind whatsoever payable, levied, imposed, collected, withheld or assessed at any time, including any interest, penalty or addition thereto, whether disputed or note, including in each case utility rates or rents, upon, concerning or applicable to the Premises, any fixtures, machinery and equipment installed or maintained on the Premises, the improvements and the use and operation of the Premises by any Governmental Authority.

“Temporary Taking” means the Condemnation of all or a portion of the Premises for a specified period of time.

“Tenant Improvements” means those improvements on the Premises which are built by the Tenant and whose ownership has not vested in City.

“Tenant’s use” and **“Tenant’s use and occupancy”** means, unless otherwise stated or evident from the context in which the term is used, the use of the Premises by Tenant, its employees, contractors, subcontractors, licensees, invitees, suppliers or anyone else present at the Premises pursuant to Tenant’s invitation or permission.

“Term” means the term of this Agreement, which shall commence on the Effective Date and end on the Expiration Date or earlier termination of this Agreement.

“Term Characterization Report” shall mean the written report submitted by Tenant to City, the sufficiency of which is subject to City’s reasonable approval, that details all findings made as a result of performing the Term Characterization Work Plan and that is in conformance with state and federal laws and regulations.

“Term Characterization Work Plan” shall mean the written work plan submitted by Tenant to City, the sufficiency of which is subject to City’s reasonable approval, that details all work (including sampling and analysis) necessary to generate a written characterization of the nature and extent of contamination (including contamination of air, soil, sediment and water) caused by a Term Release or Term Releases and that includes detailed programs for sampling and chemical analysis of soil and groundwater, which programs shall conform with all Environmental Laws, accepted principles of

environmental science, established regulatory protocols and the approval of the Harbor Department.

"Term Contamination" means all contamination of improvements, adjacent harbor waters, soil, sediment, groundwater or air of the Premises or the adjacent premises (including soil, sediment, groundwater or air of those adjacent premises) resulting from all Term Releases and contamination that is consider a nuisance under Applicable Laws.

"Term Release" shall mean a spill, discharge or any other type of release of Environmentally Regulated Material that occurs on the Premises during the term of this Agreement or any holdover, whether caused by Tenant or a third-party, including any Assignor (other than invitees under a temporary assignment pursuant to Subsection 102.6 (Temporary Assignments) or third-parties whose access to the Premises has been requested by City pursuant to Subsection 102.2 (Reservations), that contaminates or threatens to contaminate New Improvements, adjacent harbor waters, soil, sediment, groundwater or air of the Premises or of adjacent premises (including soil, sediment, groundwater or air of those adjacent premises).

"Term Remediation Action Plan" shall mean the written plan submitted by Tenant to City, the sufficiency of which is subject to City's reasonable approval, that addresses remediation of all contamination caused by Environmentally Regulated Material in soil, harbor waters, and groundwater and sediment as identified in the Term Characterization Report, that conforms with Tenant's obligations as set forth Section 104, and that includes a discussion of remedial action alternatives for restoration of the Premises and a timetable for each phase of restoration. The Term Remediation Action Plan shall comply with Environmental Laws, established regulatory protocols and accepted principles of environmental science.

"Tidelands" means the land between the ordinary high tide and the mean low tide.

"Total Taking" means the Condemnation of all or a substantial portion of the Premises which renders the Premises unsuitable for the Permitted Uses.

"Transfer" means the transfer, assignment or subletting of the Premises as fully defined in Article 2, Section 113 of this Agreement.

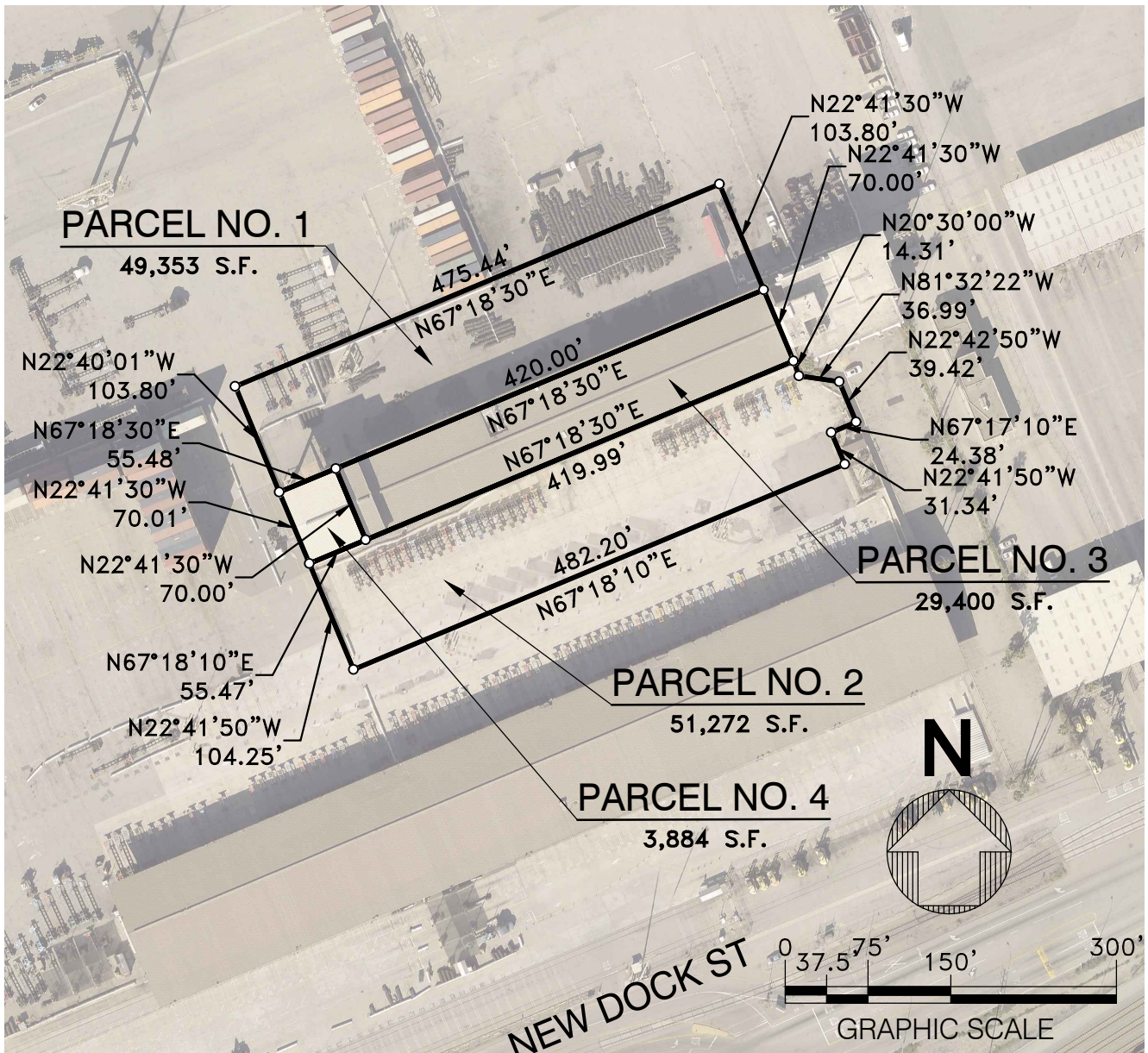
"Transferee" means the person, entity or entities with whom Tenant proposes to undertake a Transfer.

"Transfer Notice" means the written notice required to be submitted by Tenant as set forth in Article 2, Subsection 113.3.1 of this Agreement.

"Transfer of Ownership" means the transfer defined in Article 2, Subsection 113.2 of this Agreement.

“Waterfront Property” means the land area from the pierhead line extending inland to the top of the bank, plus 200 feet inland from the top of the bank.

EXHIBIT A – PREMISES



NOTES:

1) NO SUBSTRUCTURES ARE SHOWN ON THIS DRAWING. ACCURATE SUBSTRUCTURE INFORMATION MUST BE OBTAINED FROM LESSEES AND L.A.H.D. ENGINEERING RECORDS.

2) HORIZONTAL DATUM IS BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD 83), CALIFORNIA COORDINATE SYSTEM, ZONE 5, FEET.

3) ALL DISTANCES SHOWN ON THIS DRAWING ARE GRID DISTANCES. TO OBTAIN A REASONABLE REPRESENTATION OF THE GROUND DISTANCE, DIVIDE THE DISTANCE HEREIN BY THE AVERAGE SCALE FACTOR OF 1.000076.

4) PREMISES EXCLUDES ALL SPACE ON THE SECOND FLOOR OF THE WAREHOUSE. POLA RESERVES THE RIGHT TO LEASE THE SECOND FLOOR TO ANOTHER TENANT AND TO PROVIDE ACCESS THERETO. WITH THIS CHANGE SHOULD IT BE NECESSARY TO CREATE A PATH OF TRAVEL OR ANY OTHER ENTRY/EXIT REQUIREMENTS TO OR FROM THE SECOND FLOOR, POLA RESERVES THE RIGHT TO DO SO.

REV. 1 01/21 REVISED AUTHORITY NUMBER PH

SCALE: AS SHOWN DRAWN: P. HOANG CHECKED: C. BROWN DESIGNED: P. HOANG ENGR/ARCH Phuoc Hoang	CHIEF OF DESIGN ASSISTANT CHIEF OF HARBOR ENGINEER Stuart L. Fricke CHIEF HARBOR ENGINEER 12-11-20 DATE	PERMIT MAP - AUTHORITY NO. 951 PORT MAINTENANCE GROUP, INC. THE PORT OF LOS ANGELES ENGINEERING DIVISION 425 S. PALOS VERDES STREET SAN PEDRO CA 90731-3309 DRAWING NUMBER 5-7392

DWG: \\ENGSEY\MOUR\ndrive\cadd\project\R.O.W.LEASE\Signed Drawings\5-7392 REV 1.dwg USER: hoangp
DATE: Jan 05, 2021 4:17pm XREFS:BDRY-PIER IMAGES:L5_6482_1731c
POLAPRO5_VER.1_12/96

EXHIBIT A

EXHIBIT A- 1 921 NEW DOCK ST., TERMINAL ISLAND

RIGHT OF ACCESS TO REPAIR SUBMETER

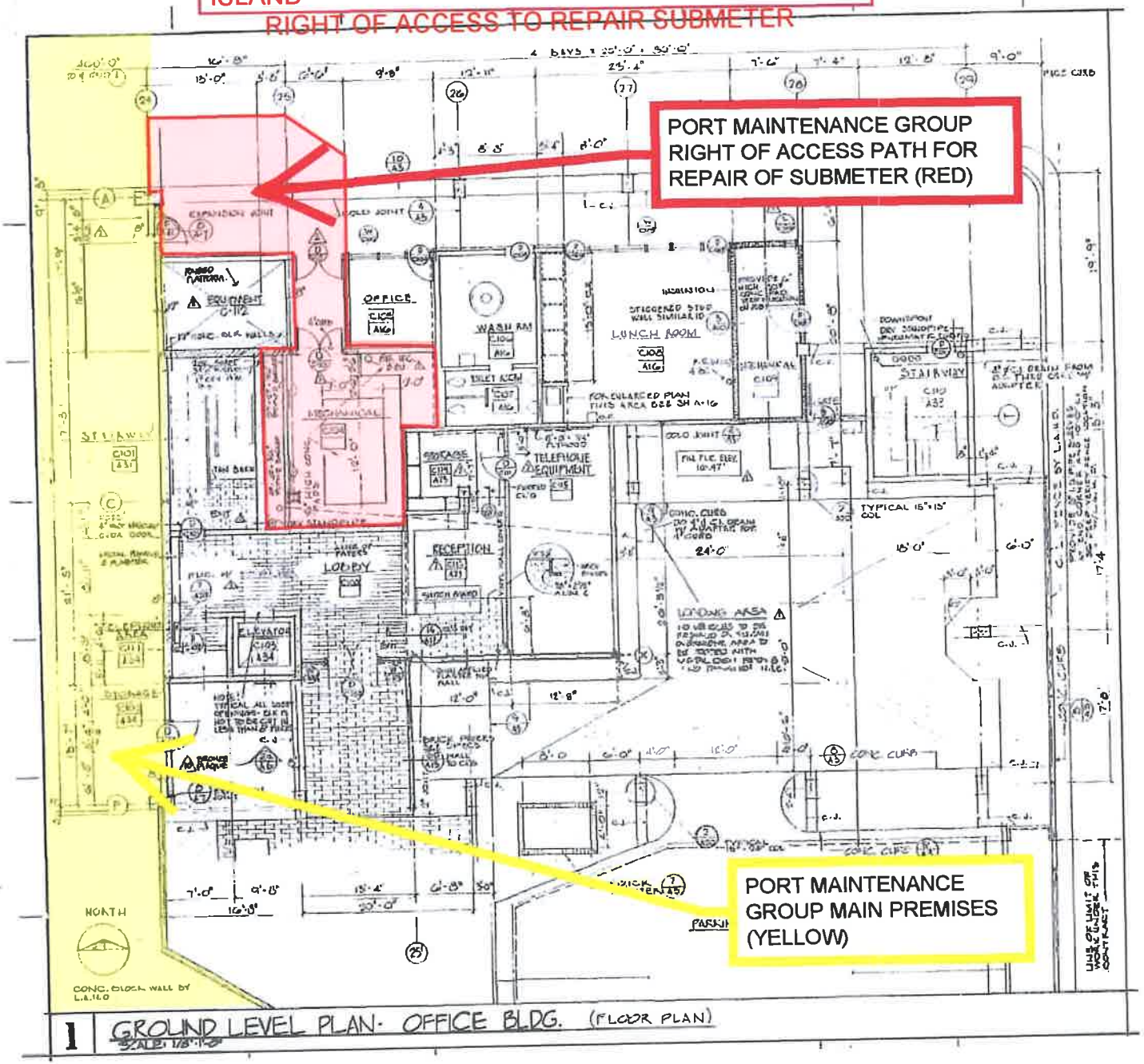


EXHIBIT B – EXISTING IMPROVEMENTS/LOAD LIMITS

The Load Limit definition is as follows:

"Asphalt concrete over crushed miscellaneous base and compacted subgrade. Pavement is designed for loading for two wheels of 125,000 pounds (which includes 25% Impact) spaced at 13 feet on-center With a wheel print of 4 95 square feet to support Caterpillar V925 type top-pick container handling equipment operating with a 40 long ton (LT) load and four high stacking of normally loaded containers"

EXHIBIT C – APPRAISER QUALIFICATIONS

Any appraisals that provide opinions of market value shall be performed by an appraiser whose business is located in Los Angeles or Orange Counties and hold a Certified General Appraiser classification within the State of California obtained through the qualification procedures set forth by the California Office of Real Estate Appraisers (OREA) and be a member in good standing with the Appraisal Institute and hold the designation of MAI. A copy of all licenses and certifications shall be submitted prior to commencement of work.

Any appraiser selected to perform an appraisal of Harbor Department related properties (total property, land and/or improvements) shall have working knowledge of port related properties that is appropriate for the work being performed.

EXHIBIT D – APPRAISER SCOPE OF WORK

Appraisers performing work under Article 1, Section 4 of this Agreement shall prepare appraisal reports in strict conformity with the scope of work set forth herein ("Appraisal Report"). This scope of work incorporates by reference as if fully set forth herein all terms defined in the Agreement to which it is attached.

Format Requirements for Appraisal Reports:

The Appraisal Report shall be presented in a letter size bound report. The Appraisal Report shall include a confidentiality agreement in a form prepared by the Office of the City Attorney of the City of Los Angeles. The Appraisal Report shall include a letter of transmittal that clearly states all of the real property conclusions and all extraordinary assumptions of the report and the bases underlying each conclusion and assumption. The letter of transmittal shall also contain a brief description of the interest appraised, dates of value, date of report, client, intended use, intended user, type of appraisal, report type and signature. The Appraisal Report shall be self-contained and shall fully comply with the latest edition of the Uniform Standards of Professional Appraisal Practice ("USPAP") and this Appraisal Scope of Work. In addition to the letter of transmittal, the Appraisal Report shall contain an executive summary or summary of salient facts.

Content Requirements for the Appraisal Report:

Subject Property
The premises identified and defined in Article 1, Section 2 of the Agreement, which include land and improvements, if any ("Premises").

Interest Appraised
The Market value and market rent of the Premises. Market value shall be determined for the as is, fee simple interest of the Premises based upon the highest and best use. Market Rent shall be established in accordance with the Leasing Policy of the Harbor Department which defines Market Rent as "the most probable rent that a property should bring in a competitive and open market reflecting all conditions and restrictions of the lease agreement, including permitted uses, use restrictions and tenant improvements."

Date of Appraisal
The Appraisal Report shall include the date that the report was completed.

Date of Value

The date of value shall be the date of commencement of the Reset Date for the relevant Five-Year Adjusted Period, as defined in Article 1, Section 4 of the Agreement.

Scope of Appraisal
The Appraisal Report shall determine the market value and rental value of the Premises as stated above under *Interest Appraised*. The opinions of value will be set forth on a value per-square-foot unit of comparison. The Appraisal Report shall contain the following information and analysis:

Externalities: Information, including but not limited to:

- analysis of national, regional and local economic trends and other relevant forces that influence or impact property values;
- descriptions of the immediate and surrounding economic and geographic areas;
- descriptions of the Premises' access features;
- availability and market characteristics of comparable properties;
- impact of Port of Los Angeles and Port of Long Beach activities; and
- a conclusion as to the social, economic, governmental and environmental characteristic of the Premises.

Highest and Best Use
The Appraisal Report shall include a highest and best use analysis of the Premises as improved and as if vacant.

Zoning
The Appraisal Report shall include a discussion of current zoning including designation, heath restrictions, permitted uses, setbacks, coverage rations, FARs, landscaping and parking requirements.

Comparable Information
Each comparable land sale, improved sale, rental comparable and rate of return comparable shall be described in detail on a separate data sheet that shall include the verification date and source, as well as all other important information. Additionally, the Appraisal Report must include an adjustment grid that delineates each item of adjustment as well as the direction and amount of each adjustment made. All adjustments are to be discussed in the pertinent analysis section of the Appraisal Report.

Method of Appraisal

The Appraisal Report shall describe all information analyzed, the appraisal procedures followed, and the reasoning that supports the analysis, opinions and conclusions. All appraisal methods shall be considered and all appropriate appraisal methods shall be applied, however as a minimum, the sales comparison and income approaches to value must be included. If standard approaches to value are not included, the report must contain a discussion of the reason for the exclusions.

The Income Capitalization Approach

This required valuation approach will include an estimate of market rent and market value of the Premises. Values will be estimated base on the direct capitalization approach or a discounted cash flow methodology. Direct land, building and or total property capitalization rates will be derived from verified comparable sale properties with similar characteristics. Discounted cash flow analyses will contain internal rates of return derived from investor surveys and interviews with buyers of verified comparable sales. Comparables will consist of similar use San Pedro Bay properties or industrial zoned properties within a 15 mile radius of the Port of Los Angeles ("POLA-Adjacent Properties").

The Cost Approach

This analysis, if applied, will value the improvements as a whole and will set forth the reproduction cost new, including direct costs, indirect costs, and entrepreneurial profit. Indirect costs shall include, but not be limited to, construction interest and costs, long-term financing costs, insurance, taxes, fees, permits architectural and engineering fees, site costs, land holding costs, utility connection fees and an estimate of construction time. A depreciation analysis will estimate total life, remaining economic life, effective age, and total accrued depreciation from all forms. This approach to market and rental value will reconcile total value for the land, improvements and or total property considered as a whole and the individual estimates for each area of appraised classification. When applied to estimate land value and rent, the analysis will abstract the value the land from the value of the total property by deducting the depreciated value of the improvements.

The Sales Comparison Approach

This required valuation method will include, where relevant, a direct comparison of sales or leases of similar use in San Pedro Bay or POLA-Adjacent Properties. These property types may include: office, retail, R & D and industrial properties as well as arms-length lease comparables from within the Port of Los Angeles.

In identifying similar properties as comparables, the appraiser shall consider factors including, but not necessarily limited to, the following: use (commercial versus noncommercial); size, location, water and non-water access; other occupancy cost and fees, unique taxes, tariffs and levies, operating rules and regulations; and type, quality, condition and function utility or limitations of land and/or improvements. The appraiser shall also consider general real estate market conditions and trends in the surrounding area.

Reconciliation

The Appraisal Report shall reconcile the results of all approaches employed and provide an analysis that results in a final conclusion of the market value and market rent for the each interest or property classification. The reconciliation will state the effective dates of value, the interests appraised and the properties appraised.

EXHIBIT E – WILMINGTON TRUCK ROUTE

TRUCKS ENTERING AND LEAVING THE PORT MUST USE THE ROUTE SHOWN BELOW.
CAMIÓNES ENTRANDO Y SALIENDO EL PORTO DEVEN DE USAR LA RUTA INDICADO ABAJO.

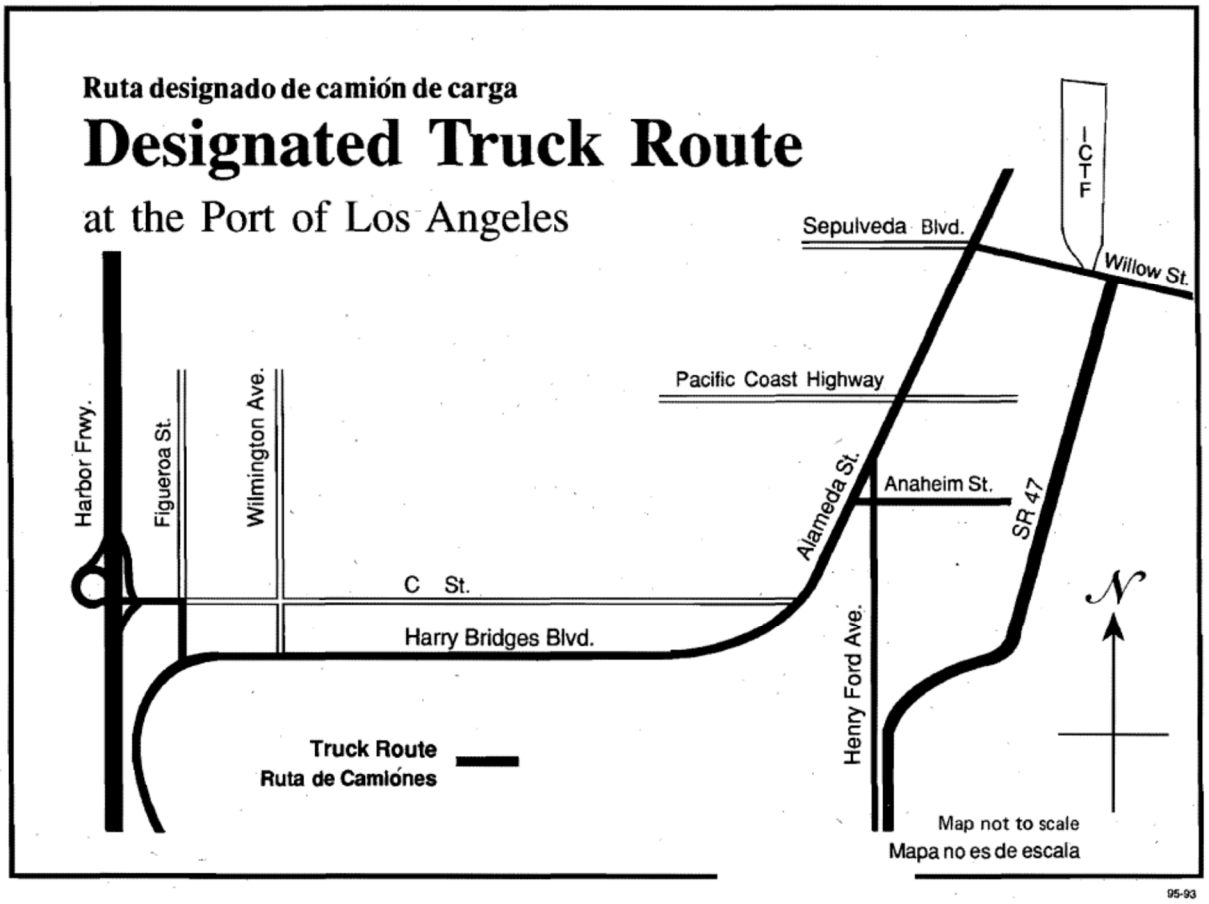


EXHIBIT F-1 – CITY BASELINE REPORT

(INTENTIONALLY OMITTED)

EXHIBIT F-2 – TENANT BASELINE REPORT

EXHIBIT F-2
TENANT BASELINE REPORT

Geosyntec consultants

65 N Raymond Ave #200
Pasadena, CA 91103
PH 626.449.0664
www.geosyntec.com

Privileged and Confidential:
Attorney-Client Work Product and/or
Communication Privileges Asserted

1 October 2020

Mr. Richard W. Vanis, Jr.
Mokri, Vanis, & Jones, LLP
4100 Newport Place Drive, Suite 840
Newport Beach, CA 92660

Subject: **Limited Phase II Environmental Site Assessment Report**
921 New Dock Street
San Pedro, California

Dear Mr. Vanis:

Geosyntec Consultants, Inc. (Geosyntec) performed a Limited Phase II Environmental Site Assessment (Limited Phase II ESA) for the property located at 921 New Dock Street, San Pedro, CA (Figure 1, Site). The Limited Phase II ESA was performed to establish baseline environmental conditions at the Site. The scope of the Limited Phase II ESA was prepared based upon discussions with you as well as input, requirements, and agreement from the Site owner, Port of Los Angeles (POLA). The scope included limited investigation locations based on the findings of Phase I ESA (SB-1, SB-3, SB-4 and SB-5) dated 13 April 2020 [Geosyntec, 2020] and other random locations based on input from POLA (SB-2 and SB-6) . Investigation locations and a brief description of rationale for investigating each location is included in Figure 2. This document presents the results of the Limited Phase II ESA activities.

BACKGROUND

The Site consists of one approximately 29,000 sq. ft single-story warehouse style building (with a modular two-story office area in a small portion of the building) and surrounding paved area and is currently operated by Port Maintenance Group, Inc. (PMG) as a chassis and tire repair shop. The Site consists of approximately 3 acres of land and is located within Berths 206 - 209, an 86-acre POLA multi-use cargo terminal. The Site is located within Los Angeles County Assessor's Parcel Number (APN) No. 7440-012-902.

The Site is owned by POLA. PMG is planning to enter into a long-term lease agreement with POLA that includes Parcel Numbers 1, 2, 3, 4 and 5 (Figure 2).

SUMMARY OF FIELD ACTIVITIES

Permitting and Pre-Field Activities

Prior to commencing fieldwork, the following activities were performed:

- A site-specific Task Hazard Analysis (THA) was prepared to identify and address hazards anticipated to be encountered while performing the field work at the Site.
- Appropriate soil boring permit was obtained from Los Angeles County Department of Public Health (LADPH, Attachment A). Additionally, a Harbor Engineer Permit (General Permit) was also obtained by PMG (Attachment B).
- Underground Service Alert of Southern California (DigAlert) was contacted to mark locations of known subsurface utilities near the proposed subsurface activities. Additionally, a geophysical investigation was performed by Spectrum Geophysics at each proposed boring location to evaluate and delineate the presence of subsurface utilities and other potential obstructions.
- Access to the property was coordinated with PMG representatives to minimize disruption to current active operations. POLA was also notified of the proposed scope and schedule in advance.

Soil and Groundwater Investigation

On 21 August 2020, Gregg Drilling, LLC. (Gregg) was retained to advance six soil borings (SB-1 through SB-6, Figure 2) via direct-push drilling techniques with two-inch diameter augers. The top five feet (ft) of each borehole was hand augered to protect any subsurface utilities. Soil samples were collected using a stainless-steel liner (placed into the hand auger tool) at approximately five ft below ground surface (bgs) and using acetate sleeves (placed into the direct push rod) at approximately eight ft bgs at each boring location. After collecting soil samples, soil borings SB-1, SB-2, SB-4, and SB-5 were terminated. Soil borings SB-3 and SB-6 were advanced to a total depth of approximately 18 ft bgs (groundwater was encountered at approximately 16 ft bgs) and temporary 3/4"-inch diameter polyvinyl chloride (PVC) groundwater monitoring wells were installed. Grab groundwater samples were collected at these locations in laboratory supplied containers using disposable high-density polyethylene (HDPE) bailers. Soil and groundwater samples were placed in an ice filled cooler and submitted under chain of custody procedures to Eurofins Calscience Laboratory of Garden Grove, California, a state-certified laboratory, for analysis of the following:

- Title 22 Metals by United States Environmental Protection Agency (USEPA) Method 6010B/7471A;
- Total Petroleum Hydrocarbons (TPH) carbon chain by USEPA Method 8015M;
- Volatile Organic Compounds (VOCs) by USEPA Method 8260B;
- Polychlorinated biphenyls (PCBs) by USEPA Method 8082 (analyzed for only 50% of soil samples); and
- Poly Aromatic Hydrocarbons (PAHs) by USEPA Method 8270C SIM.

At the completion of the sampling, PVC pipes were removed, and each borehole was backfilled with Portland cement slurry using a tremie pipe. The surface was patched with concrete to match the existing surface.

Investigation-Derived Waste (IDW)

Soil cuttings generated during field activities discussed herein were stored onsite in a 55-gallon drum. A sample of soil cuttings was analyzed for VOCs, TPH and Title 22 metals for characterization of the IDW. Based on the laboratory results, the soil cuttings were characterized as California hazardous due to elevated levels of lead. The soil cuttings will be disposed of at an appropriate disposal facility at a later date under a manifest documentation. Such document will be provided to POLA soon after the disposal has occurred.

SUMMARY OF RESULTS

This section presents a summary of the results of the soil and groundwater sampling conducted during the Limited Phase II ESA. The laboratory report is presented as Attachment C.

Summary of Soil Results

Soil sample analytical results are summarized in Tables 1, 2, and 3 and as follows. The soil results are compared to 2019 Environmental Screening Levels (ESLs) established by San Francisco Bay Regional Water Quality Control Board for both soil exposure to commercial/industrial worker (consistent with current Site use) and protection of non-drinking groundwater (consistent with the groundwater in the Site vicinity which is not designated for beneficial use):

- VOCs were not detected in soil samples above the reporting limit (RL) with the exception of acetone. Acetone was detected at SB-4 (near clarifier) at 8 ft bgs at a concentration of

66 micrograms per kilogram (µg/kg) and at SB-5 at 8 ft bgs at 95 µg/kg. These detections were substantially below both the ESLs.

- PAHs were detected in two samples at SB-4 (near clarifier) and SB-5 (near a floor drain) at 8 ft bgs. The concentrations at SB-4 were however below both the ESLs. The concentrations at SB-5 were slightly above the ESLs.

- Arochlor-1254 and Arochlor-1260 were detected in SB-4 (near clarifier) at 8 ft bgs at concentrations of 130 µg/kg and 120 µg/kg, respectively. ESLs are not established for PCBs. However, the detected concentrations were below the United States Environmental Protection Agency's (USEPA) Region 9, Regional Screening Levels (RSLs) for industrial soil for both Aroclor-1254 and Arochor-1260 of 970 and 990 µg/kg respectively.

- Long chain hydrocarbons (C_{13} to C_{44}) were detected sporadically in soil samples at low concentrations with the exception of SB-5 (near floor drain) at 8 ft bgs where concentrations were detected above both the ESLs.

- Metals were detected in soil samples but below health risk-based ESL with the exception of lead that was detected above health risk-based ESL at SB-4 at 8 ft bgs. Arsenic was detected slightly above the background concentrations of 12 mg/kg.

Summary of Groundwater Results

Groundwater was encountered at approximately 16 ft bgs at both SB-3 and SB-6. Groundwater beneath the Site reportedly flows northeastward, at a gradient of approximately 0.06 to 0.07 feet/foot [EarthCon Consultants CA, Inc., 2017]. Groundwater sample analytical results are summarized in Table 4. VOCs and PCBs were not detected in groundwater samples above the RL. Select PAHs, TPH and metals were detected in groundwater samples. The concentrations of these compounds were below or slightly above the California Maximum Contamination Levels (MCLs), if established.

SUMMARY

Geosyntec performed this Limited Phase II ESA at select locations at the Site. It should be noted that the scope performed is limited in nature and may not provide a complete evaluation of environmental conditions at the Site. The sampling results at these specific locations indicate:

- Soil - With the exception of significant exceedance of lead and TPH above the ESLs at 8-foot sample at SB-4 (near clarifier) and SB-5 (near a floor drain) respectively, other

samples and other constituents were either not-detected above the RL or detected below the ESLs or detected slightly above the ESLs.

- Groundwater - With the exception of slight exceedances of metal concentrations at SB-3 and SB-6, other constituents were not-detected above the RL.

If you have any questions or require additional information, please contact the undersigned.

Sincerely,

Joshua Nandi
Project Professional

Mital Desai
Senior Professional

Jane Besch
Principal

REFERENCES:

EarthCon Consultants CA, Inc. (EarthCon). 2017. Groundwater Monitoring Report – SA Recycling LLC, 901 New Dock Street, Terminal Island, California. 30 January.

Geosyntec, 2020. Phase I Environmental Site Assessment, 921 New Dock Street, San Pedro, CA 90731. 13 April.

Enclosures:

Figures:

1 – Site Location

2 – Site Layout and Features

Tables:

1 – Soil VOC, SVOC and PCB Analytical Results

2 – Soil TPH Analytical Results

3 – Soil Metal Analytical Results

4 – Groundwater Analytical Results

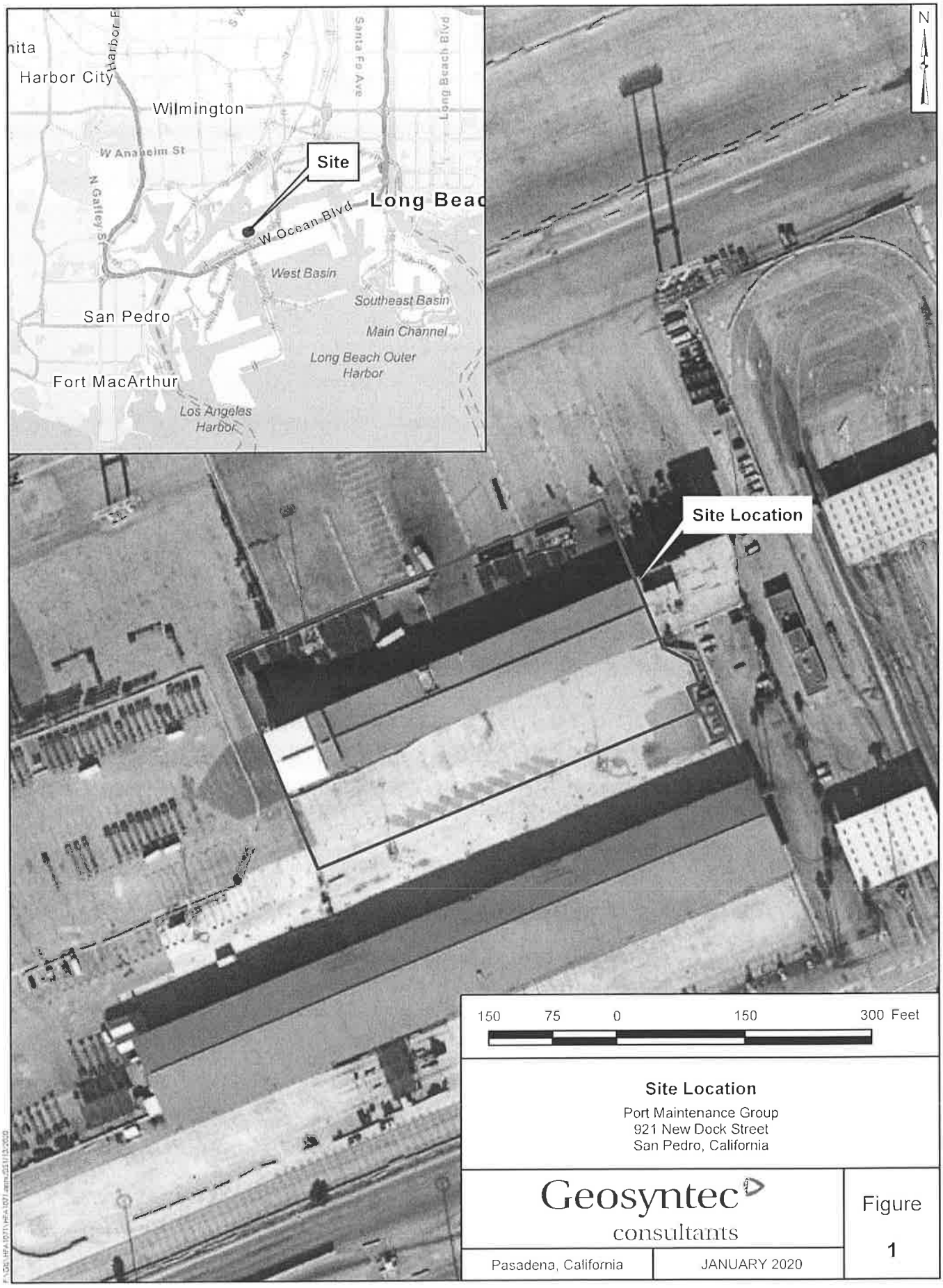
Attachments:

A – Los Angeles County Department of Public Health Permit

B – Harbor Engineer Permit (General Permit)

C – Laboratory Analytical Report

FIGURES



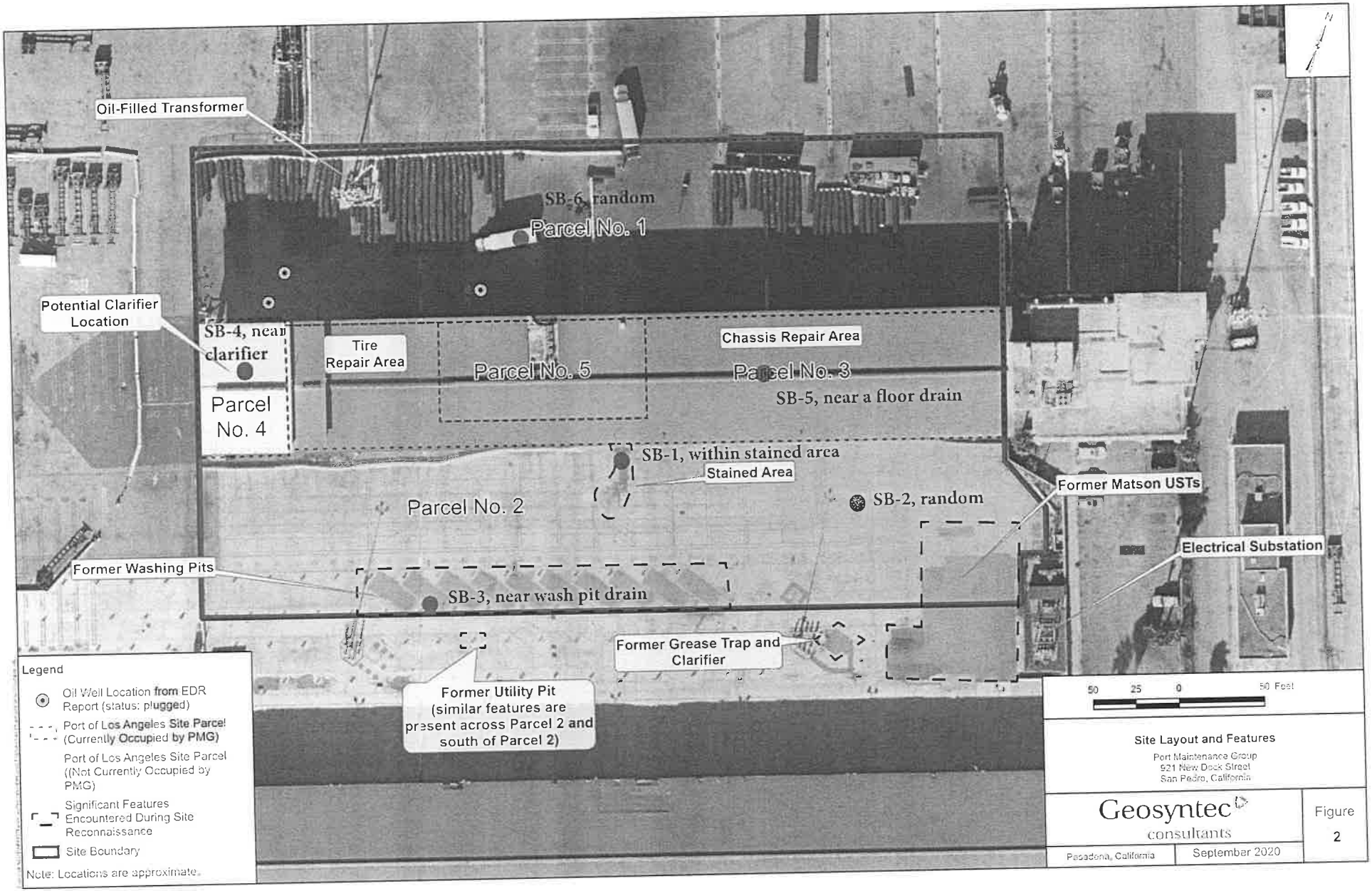
Site Location

Port Maintenance Group
921 New Dock Street
San Pedro, California

Geosyntec consultants

Pasadena, California | JANUARY 2020

Figure 1


Oil-Filled Transformer
SB-6, random
Parcel No. 1
Potential Clarifier Location
SB-4, near clarifier
Parcel No. 4
Tire Repair Area
Parcel No. 5
Chassis Repair Area
Parcel No. 3
SB-5, near a floor drain
SB-1, within stained area
Stained Area
Parcel No. 2
SB-2, random
Former Matson USTs
Electrical Substation
Former Washing Pits
SB-3, near wash pit drain
Former Grease Trap and Clarifier
Former Utility Pit (similar features are present across Parcel 2 and south of Parcel 2)
Legend
Oil Well Location from EDR Report (status: plugged)
Port of Los Angeles Site Parcel (Currently Occupied by PMG)
Port of Los Angeles Site Parcel (Not Currently Occupied by PMG)
Significant Features Encountered During Site Reconnaissance
Site Boundary
Note: Locations are approximate.
50 25 0 50 Feet
Site Layout and Features
Port Maintenance Group
921 New Dock Street
San Pedro, California
Geosyntec consultants
Pasadena, California
September 2020
Figure 2

Geosyntec
consultants

TABLES

Table 1
Soil VOC, SVOC and PCB Analytical Results
921 New Dock St.
San Pedro, CA

Location	Depth (ft bgs)	Date	USEPA Method 8260B (µg/kg)	USEPA Method 8270C SIM (mg/kg)																	USEPA Method 8082 (µg/kg)	
			Acetone	1-methylnaphthalene	2-methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Chrysene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Naphthalene	Phenanthrene	Pyrene	Aroclor-1254	Aroclor-1260
ESLs	Commercial/Industrial: Shallow Soil Exposure		670,000,000	NE	3,000	45,000	NE	230,000	NE	210	20	2.1	21	2,100	30,000	30,000	21	17	NE	23,000	NE	NE
	Leaching to Groundwater Levels (Non-drinking Water)		920	NE	0.88	12	6.4	1.9	27	39	10	5.7	75	10	86	6	32	1.2	11	45	NE	NE
SB-1	5	8/21/20	ND<49	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<50	ND<50
	8	8/21/20	ND<51	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	NS	NS
SB-2	5	8/21/20	ND<51	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	NS	NS
	8	8/21/20	ND<51	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<50	ND<50
SB-3	5	8/21/20	ND<50	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<50	ND<50
	8	8/21/20	ND<52	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	NS	NS
SB-4	5	8/21/20	ND<52	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	NS	NS
	8	8/21/20	66	0.024	0.024	ND<0.020	0.027	0.039	0.046	0.054	0.065	0.072	0.057	0.09	0.12	0.030	0.035	0.032	0.18	0.17	130	120
SB-5	5	8/21/20	ND<49	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<50	ND<50
	8	8/21/20	95	4.1	3.6	1.2	ND<0.99	1.5	5.3	2.0	5.8	3.7	2.5	9.8	2.9	2.6	1.4	ND<0.99	14.0	18.0	NS	NS
SB-6	5	8/21/20	ND<50	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	NS	NS
	8	8/21/20	ND<51	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	ND<0.020	69	ND<50

Notes

Only analytes detected above the reporting limit (RL) are summarized in this table

USEPA - United States Environmental Protection Agency

ESL - 2019 Environmental Screening Levels as established by San Francisco Bay Regional Water Quality Control Board. Highlighted cells report values above ESLs

mg/kg - milligrams per kilogram

µg/kg - micrograms per kilogram

ND<X - not detected above laboratory reporting limit "X"

NE- not established

NS - not sampled

Table 2
Soil TPH Analytical Results
921 New Dock St.
San Pedro, CA

Location	Depth (ft bgs)	Date	USEPA Method 8015B (mg/kg)												
			C13-C14	C15-C16	C17-C18	C19-C20	C21-C22	C23-C24	C25-C28	C29-C32	C33-C36	C37-C40	C41-C44	C6-C44	Diesel Range Organics [C10-C28]
ESLs	Commercial/ Industrial: Shallow Soil Exposure		NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	1200
	Leaching to Groundwater Levels (Non-drinking Water)		NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	7,300
SB-1	5	8/21/20	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
	8	8/21/20	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<4.9
SB-2	5	8/21/20	ND<4.7	ND<4.7	ND<4.7	ND<4.7	ND<4.7	ND<4.7	**5.8**	ND<4.7	**5.1**	ND<4.7	ND<4.7	**28**	**8.8**
	8	8/21/20	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	**19**	**6.4**
SB-3	5	8/21/20	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	**11**	ND<4.8
	8	8/21/20	ND<5.1	ND<5.1	ND<5.1	ND<5.1	ND<5.1	ND<5.1	**5.7**	ND<5.1	ND<5.1	ND<5.1	ND<5.1	**25**	**10**
SB-4	5	8/21/20	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	**6.9**	ND<4.8
	8	8/21/20	ND<4.7	ND<4.7	ND<4.7	ND<4.7	ND<4.7	ND<4.7	ND<4.7	ND<4.7	ND<4.7	ND<4.7	ND<4.7	**8.7**	ND<4.7
SB-5	5	8/21/20	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<4.8	**16**	ND<4.8
	8	8/21/20	**260**	**640**	**1,200**	**1,600**	**2,300**	**2,00**	**4,400**	**3,000**	**1,000**	**430**	**120**	**17,000**	**12,000**
SB-6	5	8/21/20	ND<4.7	ND<4.7	ND<4.7	ND<4.7	ND<4.7	ND<4.7	**12**	ND<4.7	**12**	**6.2**	ND<4.7	**59**	**19**
	8	8/21/20	ND<4.7	ND<4.7	ND<4.7	ND<4.7	ND<4.7	ND<4.7	ND<4.7	ND<4.7	ND<4.7	ND<4.7	ND<4.7	**15**	**7.0**

Notes:

Only analytes detected above the reporting limit (RL) are summarized in this table.

USEPA - United States Environmental Protection Agency

mg/kg - micrograms per kilogram

ND<X - not detected above laboratory reporting limit "X"

ESL - 2019 Environmental Screening Levels as established by San Francisco Bay Regional Water Quality Control Board. Highlighted cells report values above ESLs

NE - not established

Table 3
Soil Metal Analytical Results
921 New Dock St.
San Pedro, CA

Location	Depth (ft bgs)	Date	USEPA Method 6010B (mg/kg)																USEPA Method 7471A (mg/kg)
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury
ESLs	Commercial/ Industrial: Shallow Soil Exposure		160	12*	220,000	230	1,100	NE	350	47,000	320	5,800	11,000	5,800	5,800	12	5,800	350,000	190
	Leaching to Groundwater Levels (Non-drinking Water)		NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
SB-1	5	8/21/20	2.94	6.83	81.3	0.550	ND<0.488	16.6	7.68	10.9	3.05	ND<0.244	14.0	ND<0.732	ND<0.244	ND<0.732	31.0	38.0	ND<0.0862
	8	8/21/20	1.17	3.57	70.7	0.448	ND<0.488	13.9	5.06	5.99	1.34	ND<0.239	9.5	ND<0.718	ND<0.239	ND<0.718	23.0	26.0	ND<0.0847
SB-2	5	8/21/20	1.77	14.2	117	0.65	ND<0.485	27.1	10.0	23.6	7.56	ND<0.243	22.5	ND<0.728	ND<0.243	ND<0.728	36.8	54.6	ND<0.0847
	8	8/21/20	1.40	2.83	361	0.598	1.18	22.1	12.8	30.3	ND<0.483	ND<0.242	34.9	ND<0.725	ND<0.242	ND<0.725	28.5	46.2	ND<0.0820
SB-3	5	8/21/20	1.51	3.31	47.1	0.448	ND<0.488	15.4	5.63	6.09	1.45	ND<0.244	10.3	ND<0.732	ND<0.244	ND<0.732	26.3	35.0	ND<0.0833
	8	8/21/20	1.15	3.53	198	0.461	ND<0.493	13.9	8.06	13.1	126	ND<0.246	15.8	ND<0.739	ND<0.246	ND<0.739	23.2	48.0	ND<0.0833
SB-4	5	8/21/20	1.02	2.20	35.8	0.346	ND<0.503	10.4	4.48	5.09	1.04	ND<0.251	8.04	ND<0.754	ND<0.251	ND<0.754	20.3	28.0	ND<0.0847
	8	8/21/20	3.75	16.1	202	0.408	2.62	31.9	6.79	95.5	2,070	2.01	36.9	ND<0.739	1.19	ND<0.739	33.2	583	0.964
SB-5	5	8/21/20	1.25	4.15	74.9	0.506	ND<0.515	14.4	5.93	10.0	6.24	ND<0.248	9.89	ND<0.773	ND<0.258	ND<0.773	25.1	30.4	ND<0.0847
	8	8/21/20	2.31	12.0	138	0.429	2.36	33.9	7.17	109	187	2.36	25.7	ND<0.781	ND<0.260	ND<0.781	32.6	438	0.512
SB-6	5	8/21/20	ND<0.739[R]	5.67	96.0[J+]	0.552	ND<0.493	17.7	7.89	13.5	3.18	ND<0.246	15.5	ND<0.739	ND<0.246	ND<0.739	31.5	41.9	ND<0.0820
	8	8/21/20	0.746	6.50	162	0.603	0.539	15.5	11.3	23.9	6.22	ND<0.245	28.8	ND<0.735	ND<0.245	ND<0.735	31.9	52.9	ND<0.0806

Notes:

USEPA - United States Environmental Protection Agency

mg/kg - micrograms per kilogram

ND<X - not detected above laboratory reporting limit "X"

ESL - 2019 Environmental Screening Levels as established by San Francisco Bay Regional Water Quality Control Board. Highlighted cells report values above ESLs.

* - Southern California background arsenic concentration of 12 mg/kg established by Department of Toxic Substances Control. Highlighted cells report values above background concentrations.

R - Data rejected due to laboratory QA/QC issue

J+ - Estimated with high bias

UJ - Estimated less than RL

NE - Not established

Table 4
Groundwater Analytical Results
921 New Dock St.
San Pedro, CA

Location	Date	USEPA Method 8270C SIM (µg/L)		USEPA Method 8015B (µg/L)			USEPA Method 6010B (mg/L)											
		1-methylnaphthalene	2-methylnapthalene	C25-C28	C6-C44	Diesel Range Organics [C10-C28]	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Vanadium	Zinc	Mercury
CA MCL		NE	NE	NE	NE	NE	1	0.004	0.010	0.05	NE	1	0.05	NE	0.1	NE	NE	0.002
SB-3	8/21/20	0.35	0.27	75	310	290	1.52	ND<0.0100	0.0118	0.21	0.104	0.281	0.0608	0.0851	0.296	0.304	0.925	0.000743
SB-6	8/21/20	ND<0.24	ND<0.24	ND<50	280	280	2.31	0.015	0.0229	0.437	0.193	0.365	ND<0.0500	ND<0.0500	0.313	0.666	1.31	0.000831

Notes

Only analytes detected above the reporting limit (RL) are summarized in this table.

USEPA - United States Environmental Protection Agency

mg/L - milligrams per liter

µg/L - micrograms per liter

CA MCL - California Maximum Contaminant Levels for Drinking Water. Highlighted cells report values above CA MCLs

NE - not established

ND<X - not detected above laboratory reporting limit "X"

VOCs and PCBs were not detected in groundwater samples.

Geosyntec
consultants

ATTACHMENT A

ENVIRONMENTAL HEALTH

Drinking Water Program

5050 Commerce Drive, Baldwin Park, CA 91706

Telephone: (626) 430-5420 • http://publichealth.lacounty.gov/eh/ep/dw/dw_main.htm

Work Plan Approval

WORK SITE ADDRESS	CITY	ZIP	EMAIL ADDRESS
PMG San Pedro 921 New Dock Street	San Pedro	90731	jnandi@geosyntec.com

NOTICE:

- WORK PLAN APPROVALS ARE VALID FOR 180 DAYS. 30 DAY EXTENSIONS OF WORK PLAN APPROVALS ARE CONSIDERED ON AN INDIVIDUAL (CASE-BY-CASE) BASIS AND MAY BE SUBJECT TO ADDITIONAL PLAN REVIEW FEES (HOURLY RATE AS APPLICABLE).
- WORK PLAN MODIFICATIONS MAY BE REQUIRED IF WELL AND GEOLOGIC CONDITIONS ENCOUNTERED AT THE SITE INSPECTION ARE FOUND TO DIFFER FROM THE SCOPE OF WORK PRESENTED TO THE DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM.
- WORK PLAN APPROVALS ARE LIMITED TO COMPLIANCE WITH THE CALIFORNIA WELL STANDARDS AND THE LOS ANGELES COUNTY CODE AND DOES NOT GRANT ANY RIGHTS TO CONSTRUCT, RENOVATE, OR DECOMMISSION ANY WELL. THE APPLICANT IS RESPONSIBLE FOR SECURING ALL OTHER NECESSARY PERMITS SUCH AS WATER RIGHTS, PROPERTY RIGHTS, COASTAL COMMISSION APPROVALS, USE COVENANTS, ENCROACHMENT PERMISSIONS, UTILITY LINE SETBACKS, CITY/COUNTY PUBLIC WORKS RIGHTS OF WAY, ETC.
- THIS PERMIT IS NOT COMPLETE UNTIL ALL OF THE FOLLOWING REQUIREMENTS ARE SIGNED BY THE DEPUTY HEALTH OFFICER. WORK SHALL NOT BE INITIATED WITHOUT A WORK PLAN APPROVAL STAMPED BY THE DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM.

TO BE COMPLETED BY DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM:

X	**WORK PLAN APPROVED** FOR: 2 soil borings	**PERMIT NUMBER:**	SR0230022	**DATE:**	August 5, 2020

ADDITIONAL APPROVAL CONDITIONS:

- Work plan approval is issued for scope of work submitted to the Drinking Water Program. Any modifications to the scope of work will require additional work plan review.
- Soil borings shall be sealed pursuant to Section 9 and Appendix B of *California Well Standards - Bulletins 74-90 & Bulletins 74-81* respectively.
  - For Portland cement, it shall be mixed at a ratio of one 94-pound sack of Portland cement 5 to 6 gallons of 'clean' water.
  - ***Up to 6%*** of bentonite may be added to the cement mixture at a ratio of two (2) pounds of bentonite one (1) gallon of 'clean' water, or in accordance with the manufacturer's specification.
  - No hydrated bentonite chips may be used for well depth
- Sealing materials shall be applied under pressure - from *the bottom of the well or boring proceeding upward in one continuous operation via a tremie pipe or equivalent* - to prevent freefall, jamming or "bridging", voids, dilution of sealing materials, and/or prevent separation of aggregate from sealants.
- Drill cuttings and wastewater shall be disposed of in accordance with all applicable federal, State, and local requirements.
- Sealing materials shall meet *National Sanitation Foundation (NSF 61)* standard.
- Provide temporary cover to the borehole opening whenever work is interrupted.
- Borings or exploration holes must comply with all applicable requirements published in the *California Well Standards (Bulletins 74-81 and 74-90 combined)* and the *Los Angeles County Code, Title 11.*

REHS NO. 5841

Quang Ly, REHS

Geosyntec consultants

ATTACHMENT B

PERMITTEE

THE PORT OF LOS ANGELES
425 S. Palos Verdes Street Post Office Box 151 San Pedro, CA 90733-0151 TEL/TDD 310 SEA-PORT www.portoflosangeles.org

Harbor Engineer Permit

(General Permit)

No **36** Series **2020**

Port Maintenance Group, Inc.
825 Parkcenter Drive, #203
Permission is hereby granted to **Santa Ana, CA 92705**

Soil sampling

as indicated on Plan No: **Attached Site Plan** APP No: **200729-117** CDP No: **Not Needed**

Entitlement to Occupy: **Space Assignment 20-28** Permit Expires On: **10/30/2020**

Work Location: As-Builts Required: **Yes**

921 E. New Dock St., San Pedro, CA 90731

This permit is issued and shall be subject to all terms and conditions set forth in the resolution printed on the reverse side hereof, and to each of the following terms and conditions.

See attached addendum for terms and conditions numbered to **27** , inclusive.

Note: Permittee must notify Harbor Department Chief Inspector (310) 732-3330, 24-hours prior to commencing work and no later than 24-hours upon completion of work.

The fee and deposit, as indicated below, is deposited by the Permittee with the understanding that the deposit, or any balance thereof, shall only be returned to the Permittee upon termination of this permit and after all work and restoration has been completed to the satisfaction of the Chief Harbor Engineer.

Deposit: **$0.00** Permit Fee: **$0.00** Permit Issued On: Aug 13, 2020

Accepted: **Port Maintenance Group, Inc.**

Peggy Bosselman

Peggy Bosselman
714-878-9060
Permittee's Authorized Agent

Kurt Arend (Aug 13, 2020 13:05 PDT) for

David M. Walsh, P.E.
Chief Harbor Engineer - Engineering Division

Addendum to General Permit No: 36-2020
Port Maintenance Group, Inc.

1 The Permittee shall at all times relieve, indemnify, protect, and save harmless the City of Los Angeles and each of its boards, officers, and employees from any and all claims and liability for death of and injury to persons or damage to property that may arise from or be caused by the operation, maintenance, or occupation of the aforesaid premises by the Permittee under the provisions of this permit or by the negligence of the Permittee, its agents, officers, or employees.

2 That the Permittee shall be liable for and shall pay for all damages and other expense to property of the City of Los Angeles and to property under its care and control that may arise from or be caused by the operation, maintenance, or occupation of the aforesaid premises by the Permittee under the provision of this permit or by the negligence of the Permittee, its agents officers, or employees.

3 That this permit shall be null and void if the work contemplated hereunder is not commenced within 90 days from and after the date of the delivery of this permit or if such work is not diligently executed thereafter to completion.

4 That Permittee shall adhere to the information provided within the APPLICATION FOR PORT PERMIT (APP) AND/OR RIGHT TO USE HARBOR DEPARTMENT PROPERTY associated with this permit, unless otherwise noted in this permit.

5 That Permittee shall keep a copy of this permit together with any drawings, specifications and/or extracts connected with the permit at the job site at all times.

6 That all work shall be done at the expense of the Permittee and to the satisfaction of the Chief Harbor Engineer.

7 That Permittee shall coordinate any work under this permit with any affected tenant or contractor of the Harbor Department. Permittee shall notify said tenants or contractors three (3) business days prior to construction in the proximity of their operations. If Permittee determines, after contacting affected Harbor Department tenants and/or contractors, that there is a schedule or coordination conflict, the Permittee shall immediately contact the Chief Harbor Engineer.

8 The Permittee shall protect in place existing maintenance holes, catch basins, vaults, pull boxes and other surface improvements.

9 All Vehicles and equipment mentioned herein must observe and comply with the California vehicle code.

10 That Permittee agrees and understands that this activity is not to include activity other than described on the permit.

11 That Permittee shall abide by all the attached conditions required by the Los Angeles Harbor Department Environmental Management Division entitled: "ENVIRONMENTAL PERMIT CONDITIONS".

Addendum to General Permit No: 36-2020
Port Maintenance Group, Inc.

12 That Permittee shall backfill all excavations with a concrete slurry mix immediately (i.e. within one day) after any excavation, including connection, abandonment or repair of utilities. Backfill with concrete slurry mix shall be used at the discretion of the Los Angeles Harbor Department Inspector. Cement to sand ratio shall be not less than one(1) sack of cement to one(1) cubic yard of sand. THIS OPTION IS STRICTLY UP TO THE DISCRETION OF THE PORT INSPECTOR.

13 No excavation shall take place below the level of the base of an adjacent foundation, retaining wall, or other structure until it has first been accurately determined that such excavation will in no way create a hazard to workers or until adequate safety measure have been taken for protection of workers.

14 All trenches five(5) feet or more in depth, in all types of earth, shall be effectively guarded against the hazard of moving ground as hereinafter provided. Trenches less than five(5) feet in depth shall also be so guarded when examination indicates hazardous ground movement may be expected.

15 That any excavations behind the seawall shall be back-filled with approved material per subsection 300-3.5 of GREENBOOK'S Latest Edition.

16 That Permittee shall comply with the Best Management Practices(BMPs) as defined by and in conformance with "California Strom Water Best Management Practices Handbook" and California State Water Resources Control Board (SWRCB). Permittee can obtain a copy of the Handbooks by visiting: http://www.casqa.org

17 The Permittee shall comply with all approved submittals by the Los Angeles Harbor Department Engineering Division. The Permittee is not allowed to make any field changes unless they get prior approval from The Port Engineering Division prior to making any changes.

18 That Permittee shall coordinate all work under this permit with the Los Angeles Harbor Department Construction and Maintenance Division (310)732-3550.

19 That Permittee shall furnish "as built" plans to the Los Angeles Harbor Department Inspector within thirty (30) days from completion of project. Permittee understands that the deposit, shall only be returned to the Permittee in approximately four (4) weeks following the submission, acceptance, and "sign-off" of "as-built" drawings by the Los Angeles Harbor Department Inspector.

20 That Permittee shall obtain a "HOT WORK" permit from the Los Angeles Port Police if any oxygen/acetylene, electric arc welding or cutting is going to be performed under this permitted activity.

21 That Permittee shall inform the Los Angeles Port Police 24 hours prior to proceeding with each occurrence of this permit activity.

Addendum to General Permit No: 36-2020
Port Maintenance Group, Inc.

22 That Permittee shall not interfere with the operation of the Pacific Harbor Line Railroad (PHL) nor encroach within the operation area (within 15 feet of either rail) without the approval of the PHL General Managers. The Permittee shall conform to all PHL requirements and in addition, maintain clearance and provide safe toe paths in accordance with the Public Utilities Commission General Orders Numbers 26-D and 118. In addition, the PHL Railroads shall be notified three (3) days prior to any construction work, so as to cause the least possible hindrance or interference with normal railroad operation.

23 The permittee shall hot patch all related holes. No cold patch is allowed for any pavement repair work.

24 Except for its indemnity provision, the permit shall be null and void unless Permittee has, in effect at the time of the work performed under this permit, adequate and sufficient broad form commercial general liability with limits of One Million Dollars ($1,000,000) per occurrence which provides coverage for premises and operations, contractual liability, independent contractors, personal injury and product/completed operations. The policy shall (a) name the City of Los Angeles, Los Anglees Harbor Department, and their officers, agents and employees as additional insureds, (b) state that it is primary and non-contributing with any insurance maintained by the City, (c) that it will not be cancelled without thirty (30) days prior written notice to the City, and (d) it is in a form satisfactory to the City Attorney. If any work is to be performed by watercraft and/or over navigable waters, then protection and indemnity insurance and workers' compensation coverage including both Jones Act and United States Longshoremen and Harbor Workers' coverages shall also be provided.

25 That the Board of Harbor Commissioners shall have the right, upon thirty (30) days written notice, to require the facilities installed under this permit to be removed or relocated at the expense of the Permittee.

26 That Permittee shall be responsible for determining location of marking, and protecting substructures within the area and the surrounding affected areas of the proposed permitted activity. Drawings and maps of substructures showing record locations are available for review in the office of the Chief Harbor Engineer. The Los Angeles Harbor Department does not belong to nor participates in the activities of the Underground Service Alert nor does it mark substructures in the field.

27 All debris produced from this project shall be contained and disposed off the Los Anglees Harbor Department property.

THE PORT OF LOS ANGELES

APP ID #: 200729-117

Applicant Information

Permit Type (For Construction, Repairs, or Demolition, a $500 fee is required). *

Construction, Repairs, or Demolition

Applicant Name * ⓘ

Port Maintenance Group, Inc.

Doing Business As

PORT MAINTENANCE GROUP, INC.

Mailing Address

Name *

John Rule

Address *

825 Parkcenter Drive, #203

City *

Santa Ana

State *

California

Zip *

92705

Contact Person Name *

Peggy Bosselman

Contact Phone Number *

(714) 878-9060

Contact Email *

pbosselman@portmaintenance.com

Tax ID Number *

46-2635803

POLA Real Estate Permit Number *

Space Assignment 20-28

Project Information

Project Title *

Port Maintenance Group, Inc. - Sampling at 921 E. New Dock Street

Project Location *

921 E. New Dock Street, San Pedro, CA 90731

Property/Project Location Aerial *

- Click to download: Aerial Map.pdf

Detailed Site Plan

- Click to download: Site Layout.pdf

Project Description *

Request for approval to conduct ground sampling. As part of the on-going negotiations to issue Port Maintenance Group (PMG) a term permit, under APP#200717-114, PMG requested a Base Line Study (Phase 2 Environmental Report) which necessitates sampling. The purpose of this APP# 200729-117 is to conduct the necessary soil sampling in order to proceed with negotiating a term permit for PMG. The attached site layout provides details about the proposed sampling.

Start & End Dates (Estimated) *

08/10/2020 to 12/31/2020

Estimated Cost of Development *

$ 100000.00

Lot Area of Property (in acres)

Number of Acres

Project Size (sq. ft. or acres) *

153822

Change in Gross Floor Area (if any) *

0

Proposed Use of Property *

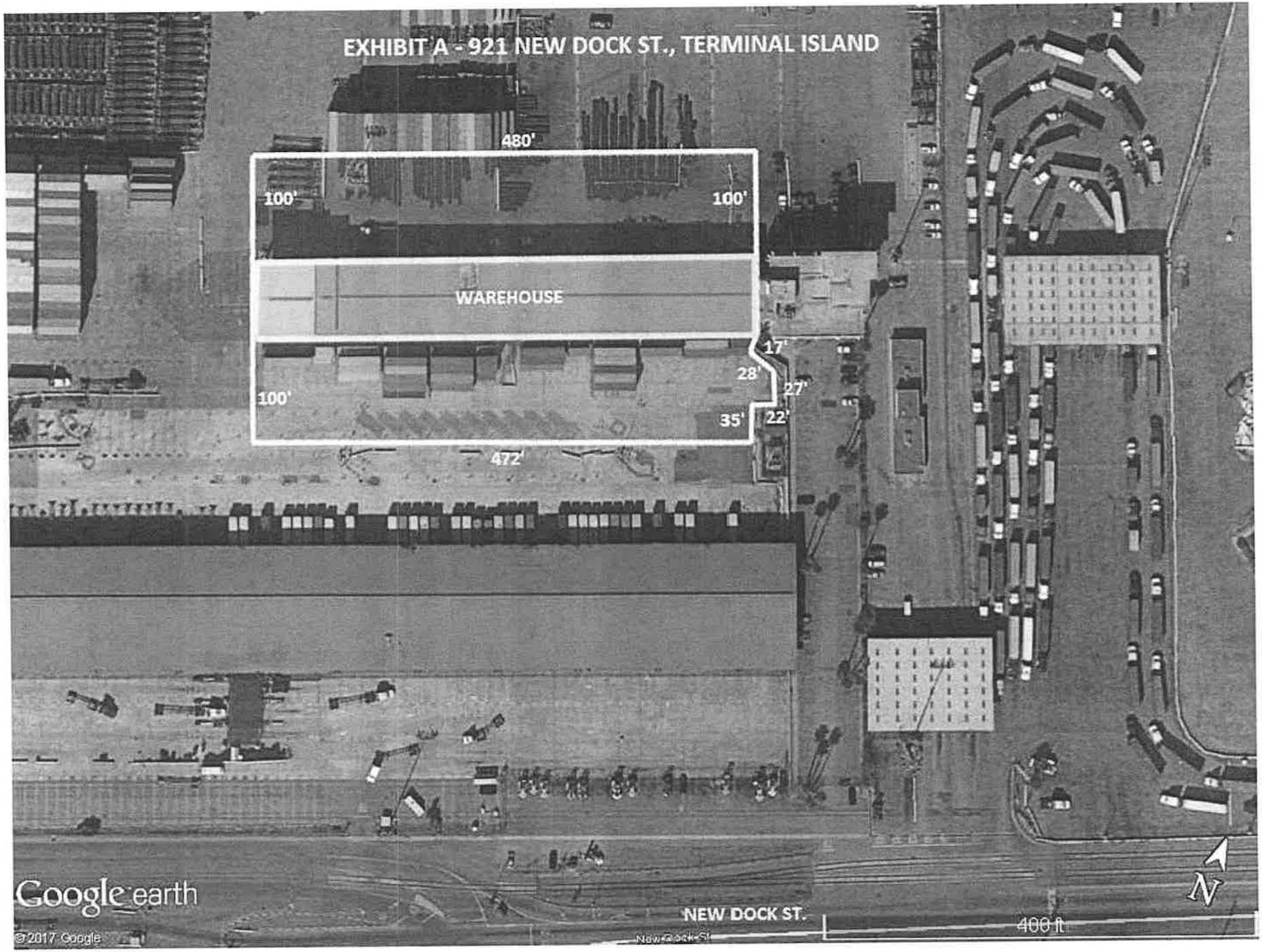
× Other

Is Equipment for Construction/Demolition Needed?

Equipment Type	# of Units	Phase(s) Used

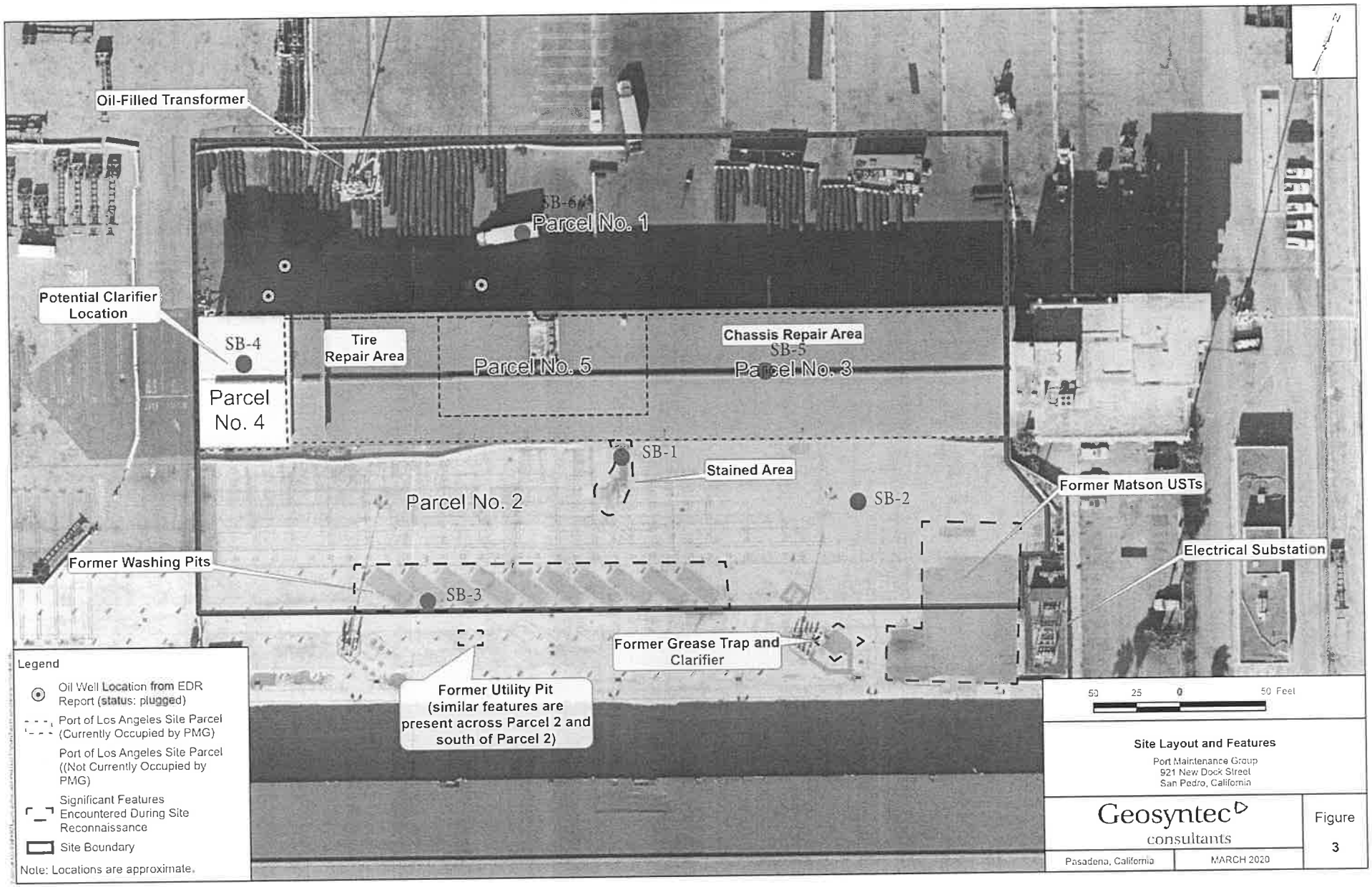
Electronic Copy of the Engineering Plans/Drawings Stamped and Signed by a Licensed CA Engineer and/or Any Additional Documents Pertinent to the Project

No files attached



APP# 200729-117

APP# 200729-117



To		From
	BOARD OF HARBOR COMMISSIONERS	
	EXECUTIVE DIRECTOR	
	DED & CHIEF OF STAFF	
	DED & CHIEF FINANCIAL OFFICER	
	CHIEF OF PUBLIC SAFETY & EMERG MGT	
	DED - MKTG & CUSTOMER RELATIONS	
	DED - DEVELOPMENT	
	SR DIRECTOR, COMMUNICATIONS	
	SR DIRECTOR, GOVERNMENT AFFAIRS	
	ACCOUNTING	
X	CARGO/ INDUSTRIAL REAL ESTATE	
	CARGO MARKETING	
	CITY ATTORNEY	
	COMMISSION OFFICE	
	COMMUNITY RELATIONS	
	CONSTRUCTION	
	CONSTRUCTION & MAINTENANCE	
	CONTRACTS & PURCHASING	
	DEBT & TREASURY MANAGEMENT	
	EMERGENCY MANAGEMENT	

CITY OF LOS ANGELES
HARBOR DEPARTMENT

OFFICE MEMORANDUM

August 5, 2020

To		From
X	ENGINEERING	
	ENVIRONMENTAL MANAGEMENT	X
	FINANCIAL MANAGEMENT	
	GOODS MOVEMENT	
	GRAPHICS	
	HUMAN RESOURCES	
	INFORMATION TECHNOLOGY	
	LEGISLATIVE AFFAIRS	
	MANAGEMENT AUDIT	
	MEDIA RELATIONS	
X	PLANNING & STRATEGY	
	PORT PILOTS	
	PORT POLICE	
	RISK MANAGEMENT	
	TRADE DEVELOPMENT	
(	WATERFRONT/ COMM REAL ESTATE	
	WHARFINGERS	
CC	John Ibrahimi/ Engineering	

SUBJECT: ENVIRONMENTAL ASSESSMENT

The environmental assessment for the following:

Port Maintenance Group, Inc. - Sampling

as requested by Planning Division on July 29, 2020, has been completed. We have determined that the proposed action is exempt from the requirements of the California Environmental Quality Act (CEQA) in accordance with Article III Class 6, of the Los Angeles City CEQA Guidelines. A Notice of Exemption was prepared and may be filed with the County Clerk's offices upon issuance of a Coastal Development Permit, Harbor Engineer Permit or any lease/ entitlement. This CEQA determination is based upon the inclusion of the attached permit conditions.

If this project does not involve Board action, please notify this office upon issuance of any permit or entitlement so that we may file the Notice of Exemption.

CHRISTOPHER CANNON
Director of Environmental Management

CC: LW: NE
APP No.: 200729-117

Notice Of Exemption

To: ☐ **Office of Planning and Research**
PO Box 3044, 1400 Tenth Street, Room 22
Sacramento, CA 95812-3044

☑ **County Clerk**
County of Los Angeles

From: Los Angeles Harbor Department
425 S. Palos Verdes St.
San Pedro, CA 90731

Project Title: Port Maintenance Group, Inc. - Sampling

Project Location - Specific: 921 E. New Dock Street

Project Location - City: Los Angeles **Project Location - County:** Los Angeles

Description of Project:

This application is for soil sampling to create a baseline study. This activity will include approximately 6 soil samples at the site.

Name of Public Agency Approving Project: Los Angeles Harbor Department

Name of Person or Agency Carrying Out Project: Port Maintenance Group

Exempt Status (check one)

- ☐ Ministerial (Sec. 21080(b) (1); 15268);
- ☐ Declared Emergency (Sec. 21080(b) (3); 15269(a));
- ☐ Emergency Project (Sec. 21080(b) (4); 15269(b) (c))
- ☑ Categorical Exemption. State type and section number: 6
- ☐ Statutory Exemptions. State code number:

Reasons why project is exempt:

Basic date collection, research, experimental management and resource evaluation activities which do not result in a serious major disturbance to an environmental resource.

Lead Agency Contact Person: Nicole Enciso **Area Code/ Telephone/ Extension:** 310 732-3675

If filed by applicant:

1. Attach certified document of exemption finding.

2. Has a Notice of Exemption been filed by the public agency approving the project? ☐ Yes ☐ No

Signature: Christopher Cannon **Date:** 08/05/2020 **Title:** Director of Environmental Management

☑ Signed by Lead Agency

☐ Signed by Applicant

Date received for filing at OPR:

SITE INVESTIGATION

ENVIRONMENTAL PERMIT CONDITIONS:

1. All necessary permits, agency approvals, and agency notifications shall be responsibility of the permittee.

2. Permits shall be obtained as required from the Los Angeles County Department of Public Health (LACDPH) for each planned groundwater well and/ or soil boring (if expected to reach groundwater).

3. Underground Service Alert of Southern California (a.k.a. Digalert) shall be notified (dial 8-1-1) a minimum of 48 hours prior to any subsurface intrusion work, and the issued Digalert ticket number shall be maintained on- site. The Digalert ticket number shall be provided to the Harbor Department if requested.

4. The upper 5- feet of each soil or well boring shall be advanced using a hand auger to confirm that there are no subsurface obstructions.

5. All soil borings within 25- feet feet from the centerline of any railroad track must notify the track owner/company.

6. Drill rig masts must be a minimum of 15- feet from overhead power lines.

7. All excavations and boring operations shall be observed for the presence of free petroleum products, chemicals, or contaminated soil. Deeply discolored soil, odorous soil, or suspected contaminated soil shall be segregated from uncontaminated soil.

8. All necessary precautions will be taken to prevent contamination of the soil and/ or groundwater during the investigative phase(s) of the project.

9. All soil borings and wells will be backfilled/ completed in accordance with the LACDPH permit and California Well Standards Bulletins 74-81 and 74-90 (for well construction).

10. All trenches shall be filled with structurally suitable fill material which is free from contamination and meets the Harbor Department Environmental Management Division's Environmental Guidance for Industrial Fill Material.

11. All soil cuttings, decontamination water, and waste products generated from the field work, shall be placed in

55- gallon DOT- approved drums (or other larger sealable containment if needed), sealed, and properly labeled. The drums shall be secured on pallets or concrete/ asphalt until the samples are analyzed and a determination can be made for their appropriate disposal.

12. The Los Angeles Harbor Department's Director of Environmental Management shall be notified of all observances or occurrences of soil and/ or groundwater contamination. Continued work at the site will require the approval of the Director of Environmental Management. Three (3) copies of the report or workplan summarizing subsequent activities shall be submitted to the Director of Environmental Management (Los Angeles Harbor Department, Engineering Division, 425 S. Palos Verdes Street, San Pedro, CA 90731) within 30 days of discovery of the contamination.

13. All contaminated materials, including those impacted with petroleum waste products, shall be removed. from the project site, treated and/ or disposed at the appropriate facilities. At no time shall contaminated soil or groundwater (i.e. waste) be placed back onto the ground or into a boring. Copies of hazardous and or non/ hazardous waste manifests or other documents indicating the volume, nature, and disposition of such materials shall be submitted to the Director of Environmental Management Division within 30 days of project completion.

THE PORT OF LOS ANGELES
425 S. Palos Verdes Street Post Office Box 151 San Pedro, CA 90733-0151 TEL/TDD 310 SEA-PORT www.portoflosangeles.org

August 11, 2020 VIA EMAIL

Peggy Bosselman
Port Maintenance Group, Inc.
825 Parkcenter Drive, #203
Santa Ana, CA 92705

Dear Ms. Bosselman:

SUBJECT: PROJECT STATUS REPORT FOR APP NO. 200729-117

This letter serves as a report to applicant for your Application for Port Permit (APP) No. 200729-117 filed with the City of Los Angeles Harbor Department (Harbor Department) on July 29, 2020. The application was submitted to perform ground sampling at 921 E. New Dock Street. Port Maintenance Group, Inc. received entitlement to the property through Space Assignment No. 20-28.

The Harbor Department has determined that the proposed project qualifies for an exemption from the requirements of the California Environmental Quality Act (CEQA), but is subject to the attached permit conditions. The proposed project does not require a Coastal Development Permit. This letter notifies the Harbor Department Engineering Division that they may prepare the Harbor Engineer Permit.

Should you have any questions regarding the status of the engineer permit, please contact Stephanie Vitalich at svitalich@portla.org.

Sincerely,

DEREK R. JORDAN
Assistant Director of Planning and Strategy

DJ:pi:kl

Enclosure

SITE INVESTIGATION

ENVIRONMENTAL PERMIT CONDITIONS:

1. All necessary permits, agency approvals, and agency notifications shall be responsibility of the permittee.

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4. The upper 5- feet of each soil or well boring shall be advanced using a hand auger to confirm that there are no subsurface obstructions.

5. All soil borings within 25- feet feet from the centerline of any railroad track must notify the track owner/company.

6. Drill rig masts must be a minimum of 15- feet from overhead power lines.

7. All excavations and boring operations shall be observed for the presence of free petroleum products, chemicals, or contaminated soil. Deeply discolored soil, odorous soil, or suspected contaminated soil shall be segregated from uncontaminated soil.

8. All necessary precautions will be taken to prevent contamination of the soil and/ or groundwater during the investigative phase(s) of the project.

9. All soil borings and wells will be backfilled/ completed in accordance with the LACDPH permit and California Well Standards Bulletins 74-81 and 74-90 (for well construction).

10. All trenches shall be filled with structurally suitable fill material which is free from contamination and meets the Harbor Department Environmental Management Division's Environmental Guidance for Industrial Fill Material.

11. All soil cuttings, decontamination water, and waste products generated from the field work, shall be placed in

55- gallon DOT- approved drums (or other larger sealable containment if needed), sealed, and properly labeled. The drums shall be secured on pallets or concrete/ asphalt until the samples are analyzed and a determination can be made for their appropriate disposal.

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13. All contaminated materials, including those impacted with petroleum waste products, shall be removed. from the project site, treated and/ or disposed at the appropriate facilities. At no time shall contaminated soil or groundwater (i.e. waste) be placed back onto the ground or into a boring. Copies of hazardous and or non/ hazardous waste manifests or other documents indicating the volume, nature, and disposition of such materials shall be submitted to the Director of Environmental Management Division within 30 days of project completion.

02/04/2020

APP No.:200729-117

Geosyntec
consultants

ATTACHMENT C

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-36547-1
Client Project/Site: PMG - San Pedro/ HPA1071

For:
Geosyntec Consultants, Inc.
65 N. Raymond Avenue
Suite 200
Pasadena, California 91103

Attn: Mital Desai

Authorized for release by:
8/30/2020 8:32:24 AM

Stephen Nowak, Project Manager I
(714)895-5494
Stephen.Nowak@eurofinset.com

Table of Contents

Definitions/Glossary

Client: Geosyntec Consultants, Inc.
Project/Site: PMG - San Pedro/ HPA1071

Job ID: 570-36547-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*1	LCS/LCSD RPD exceeds control limits.
F2	MS/MSD RPD exceeds control limits

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate recovery exceeds control limits

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
L	A negative instrument reading had an absolute value greater than the reporting limit

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Geosyntec Consultants, Inc.
Project/Site: PMG - San Pedro/ HPA1071

Job ID: 570-36547-1

Job ID: 570-36547-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-36547-1

Comments
No additional comments.

Receipt
The samples were received on 8/21/2020 3:20 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.6° C.

GC/MS VOA
Method 8260B: The continuing calibration verification (CCV) associated with batch 570-90337 recovered above the upper control limit for Vinyl Acetate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 570-90337/2).

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with analytical batch 570-90337.

Method 8260B: Method(s) 8260B: Sample dilution was required prior to analysis due to matrix interferences from sediment that precludes analysis by purge and trap.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-90628.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270C SIM: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 570-90464 and analytical batch 570-90405 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8270C SIM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-90464 and analytical batch 570-90405 recovered outside control limits for the following analytes: Benzo[a]pyrene, Benzo[b]fluoranthene, Benzo[g,h,i]perylene, Benzo[k]fluoranthene, Dibenz(a,h)anthracene and Indeno[1,2,3-cd]pyrene .

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method 8015B: Surrogate recovery for the following sample was outside control limits: SS-5-8' (570-36547-10). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-90110 and analytical batch 570-90518 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 570-90110 and analytical batch 570-90518 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 6010B: The absolute response for Selenium was greater than the method reporting limit (RL) in the following sample: (MB 570-90536/1-A).

Job ID: 570-36547-1 (Continued)

Laboratory: Eurofins Calscience LLC (Continued)

The instrument raw data has been manually reviewed and the result can be reported as ND.

Method 6010B: The absolute response for Molybdenum and Selenium was greater than the method reporting limit (RL) in the following samples: SS-6-5' (570-36547-1), SS-1-5' (570-36547-5), SS-1-8' (570-36547-6), SS-2-5' (570-36547-7), SS-5-5' (570-36547-9) and SS-4-5' (570-36547-11).
The instrument raw data has been manually reviewed and the result can be reported as ND.

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-90536 and analytical batch 570-91205 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6010B: The absolute response for Silver and Selenium was greater than the method reporting limit (RL) in the following sample: SS-6-8' (570-36547-2).
The instrument raw data has been manually reviewed and the result can be reported as ND.

Method 6010B: The absolute response for Selenium and Thallium was greater than the method reporting limit (RL) in the following samples: SS-3-5' (570-36547-3) and SS-5-8' (570-36547-10).
The instrument raw data has been manually reviewed and the result can be reported as ND.

Method 6010B: The absolute response for Molybdenum, Selenium, and Thallium was greater than the method reporting limit (RL) in the following sample: SS-3-8' (570-36547-4).
The instrument raw data has been manually reviewed and the result can be reported as ND.

Method 6010B: The absolute response for Molybdenum, Lead, Silver, Selenium, and Thallium was greater than the method reporting limit (RL) in the following sample: SS-2-8' (570-36547-8).
The instrument raw data has been manually reviewed and the result can be reported as ND.

Method 7470A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-90111 and analytical batch 570-90160 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-89936.

Method 3510C: The following samples contained more than an inch of sediment in the bottle. Only the water was taken from the bottle and used for extraction.

SB-6-GW (570-36547-13) and SB-3-GW (570-36547-14)

Method 3510C: The following samples contained more than 1 inches of sediment in the bottle. Only the water from the bottles were taken and used for extraction.

SB-6-GW (570-36547-13) and SB-3-GW (570-36547-14)

Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-90398. LCS/LCSD was performed to meet QC requirement.

Method 3510C: The following sample formed emulsions during the extraction procedure: SB-3-GW (570-36547-14). The emulsions were broken up using <Na2SO4>.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Geosyntec Consultants, Inc.
Project/Site: PMG - San Pedro/ HPA1071

Job ID: 570-36547-1

Client Sample ID: SS-6-5'

Lab Sample ID: 570-36547-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
C25-C28	12		4.9	mg/Kg	1		8015B	Total/NA
C33-C36	12		4.9	mg/Kg	1		8015B	Total/NA
C37-C40	6.2		4.9	mg/Kg	1		8015B	Total/NA
C6-C44	59		4.9	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	19		4.9	mg/Kg	1		8015B	Total/NA
Arsenic	5.67		0.739	mg/Kg	1		6010B	Total/NA
Barium	96.0	F1	0.493	mg/Kg	1		6010B	Total/NA
Beryllium	0.552		0.246	mg/Kg	1		6010B	Total/NA
Chromium	17.7		0.246	mg/Kg	1		6010B	Total/NA
Cobalt	7.89		0.246	mg/Kg	1		6010B	Total/NA
Copper	13.5		0.493	mg/Kg	1		6010B	Total/NA
Lead	3.18		0.493	mg/Kg	1		6010B	Total/NA
Nickel	15.5		0.246	mg/Kg	1		6010B	Total/NA
Vanadium	31.5		0.246	mg/Kg	1		6010B	Total/NA
Zinc	41.9		0.985	mg/Kg	1		6010B	Total/NA

Client Sample ID: SS-6-8'

Lab Sample ID: 570-36547-2

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
C6-C44	15		4.7	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	7.0		4.7	mg/Kg	1		8015B	Total/NA
Aroclor-1254	69		50	ug/Kg	1		8082	Total/NA
Antimony	0.746		0.735	mg/Kg	1		6010B	Total/NA
Arsenic	6.50		0.735	mg/Kg	1		6010B	Total/NA
Barium	162		0.490	mg/Kg	1		6010B	Total/NA
Beryllium	0.603		0.245	mg/Kg	1		6010B	Total/NA
Cadmium	0.539		0.490	mg/Kg	1		6010B	Total/NA
Chromium	15.5		0.245	mg/Kg	1		6010B	Total/NA
Cobalt	11.3		0.245	mg/Kg	1		6010B	Total/NA
Copper	23.9		0.490	mg/Kg	1		6010B	Total/NA
Lead	6.22		0.490	mg/Kg	1		6010B	Total/NA
Nickel	28.8		0.245	mg/Kg	1		6010B	Total/NA
Vanadium	31.9		0.245	mg/Kg	1		6010B	Total/NA
Zinc	52.9		0.980	mg/Kg	1		6010B	Total/NA

Client Sample ID: SS-3-5'

Lab Sample ID: 570-36547-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
C6-C44	11		4.8	mg/Kg	1		8015B	Total/NA
Antimony	1.51		0.732	mg/Kg	1		6010B	Total/NA
Arsenic	3.31		0.732	mg/Kg	1		6010B	Total/NA
Barium	47.1		0.488	mg/Kg	1		6010B	Total/NA
Beryllium	0.448		0.244	mg/Kg	1		6010B	Total/NA
Chromium	15.4		0.244	mg/Kg	1		6010B	Total/NA
Cobalt	5.63		0.244	mg/Kg	1		6010B	Total/NA
Copper	6.09		0.488	mg/Kg	1		6010B	Total/NA
Lead	1.45		0.488	mg/Kg	1		6010B	Total/NA
Nickel	10.3		0.244	mg/Kg	1		6010B	Total/NA
Vanadium	26.3		0.244	mg/Kg	1		6010B	Total/NA
Zinc	35.0		0.976	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Geosyntec Consultants, Inc.
Project/Site: PMG - San Pedro/ HPA1071

Job ID: 570-36547-1

Client Sample ID: SS-3-8'

Lab Sample ID: 570-36547-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
C25-C28	5.7		5.1	mg/Kg	1		8015B	Total/NA
C6-C44	25		5.1	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	10		5.1	mg/Kg	1		8015B	Total/NA
Antimony	1.15		0.739	mg/Kg	1		6010B	Total/NA
Arsenic	3.53		0.739	mg/Kg	1		6010B	Total/NA
Barium	198		0.493	mg/Kg	1		6010B	Total/NA
Beryllium	0.461		0.246	mg/Kg	1		6010B	Total/NA
Chromium	13.9		0.246	mg/Kg	1		6010B	Total/NA
Cobalt	8.06		0.246	mg/Kg	1		6010B	Total/NA
Copper	13.1		0.493	mg/Kg	1		6010B	Total/NA
Lead	126		0.493	mg/Kg	1		6010B	Total/NA
Nickel	15.8		0.246	mg/Kg	1		6010B	Total/NA
Vanadium	23.2		0.246	mg/Kg	1		6010B	Total/NA
Zinc	48.0		0.985	mg/Kg	1		6010B	Total/NA

Client Sample ID: SS-1-5'

Lab Sample ID: 570-36547-5

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Antimony	2.94		0.732	mg/Kg	1		6010B	Total/NA
Arsenic	6.83		0.732	mg/Kg	1		6010B	Total/NA
Barium	81.3		0.488	mg/Kg	1		6010B	Total/NA
Beryllium	0.550		0.244	mg/Kg	1		6010B	Total/NA
Chromium	16.6		0.244	mg/Kg	1		6010B	Total/NA
Cobalt	7.68		0.244	mg/Kg	1		6010B	Total/NA
Copper	10.9		0.488	mg/Kg	1		6010B	Total/NA
Lead	3.05		0.488	mg/Kg	1		6010B	Total/NA
Nickel	14.0		0.244	mg/Kg	1		6010B	Total/NA
Vanadium	31.0		0.244	mg/Kg	1		6010B	Total/NA
Zinc	38.0		0.976	mg/Kg	1		6010B	Total/NA

Client Sample ID: SS-1-8'

Lab Sample ID: 570-36547-6

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.17		0.718	mg/Kg	1		6010B	Total/NA
Arsenic	3.57		0.718	mg/Kg	1		6010B	Total/NA
Barium	70.7		0.478	mg/Kg	1		6010B	Total/NA
Beryllium	0.448		0.239	mg/Kg	1		6010B	Total/NA
Chromium	13.9		0.239	mg/Kg	1		6010B	Total/NA
Cobalt	5.06		0.239	mg/Kg	1		6010B	Total/NA
Copper	5.99		0.478	mg/Kg	1		6010B	Total/NA
Lead	1.34		0.478	mg/Kg	1		6010B	Total/NA
Nickel	9.50		0.239	mg/Kg	1		6010B	Total/NA
Vanadium	23.0		0.239	mg/Kg	1		6010B	Total/NA
Zinc	26.0		0.957	mg/Kg	1		6010B	Total/NA

Client Sample ID: SS-2-5'

Lab Sample ID: 570-36547-7

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
C25-C28	5.8		4.7	mg/Kg	1		8015B	Total/NA
C33-C36	5.1		4.7	mg/Kg	1		8015B	Total/NA
C6-C44	28		4.7	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	8.8		4.7	mg/Kg	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Geosyntec Consultants, Inc.
Project/Site: PMG - San Pedro/ HPA1071

Job ID: 570-36547-1

Client Sample ID: SS-2-5' (Continued)

Lab Sample ID: 570-36547-7

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Antimony	1.77		0.728	mg/Kg	1		6010B	Total/NA
Arsenic	14.2		0.728	mg/Kg	1		6010B	Total/NA
Barium	117		0.485	mg/Kg	1		6010B	Total/NA
Beryllium	0.650		0.243	mg/Kg	1		6010B	Total/NA
Chromium	27.1		0.243	mg/Kg	1		6010B	Total/NA
Cobalt	10.0		0.243	mg/Kg	1		6010B	Total/NA
Copper	23.6		0.485	mg/Kg	1		6010B	Total/NA
Lead	7.56		0.485	mg/Kg	1		6010B	Total/NA
Nickel	22.5		0.243	mg/Kg	1		6010B	Total/NA
Vanadium	36.8		0.243	mg/Kg	1		6010B	Total/NA
Zinc	54.6		0.971	mg/Kg	1		6010B	Total/NA

Client Sample ID: SS-2-8'

Lab Sample ID: 570-36547-8

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
C6-C44	19		4.8	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	6.4		4.8	mg/Kg	1		8015B	Total/NA
Antimony	1.40		0.725	mg/Kg	1		6010B	Total/NA
Arsenic	2.83		0.725	mg/Kg	1		6010B	Total/NA
Barium	361		0.483	mg/Kg	1		6010B	Total/NA
Beryllium	0.598		0.242	mg/Kg	1		6010B	Total/NA
Cadmium	1.18		0.483	mg/Kg	1		6010B	Total/NA
Chromium	22.1		0.242	mg/Kg	1		6010B	Total/NA
Cobalt	12.8		0.242	mg/Kg	1		6010B	Total/NA
Copper	30.3		0.483	mg/Kg	1		6010B	Total/NA
Nickel	34.9		0.242	mg/Kg	1		6010B	Total/NA
Vanadium	28.5		0.242	mg/Kg	1		6010B	Total/NA
Zinc	46.2		0.966	mg/Kg	1		6010B	Total/NA

Client Sample ID: SS-5-5'

Lab Sample ID: 570-36547-9

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
C6-C44	16		4.8	mg/Kg	1		8015B	Total/NA
Antimony	1.25		0.773	mg/Kg	1		6010B	Total/NA
Arsenic	4.15		0.773	mg/Kg	1		6010B	Total/NA
Barium	74.9		0.515	mg/Kg	1		6010B	Total/NA
Beryllium	0.506		0.258	mg/Kg	1		6010B	Total/NA
Chromium	14.4		0.258	mg/Kg	1		6010B	Total/NA
Cobalt	5.93		0.258	mg/Kg	1		6010B	Total/NA
Copper	9.95		0.515	mg/Kg	1		6010B	Total/NA
Lead	6.24		0.515	mg/Kg	1		6010B	Total/NA
Nickel	9.89		0.258	mg/Kg	1		6010B	Total/NA
Vanadium	25.1		0.258	mg/Kg	1		6010B	Total/NA
Zinc	30.4		1.03	mg/Kg	1		6010B	Total/NA

Client Sample ID: SS-5-8'

Lab Sample ID: 570-36547-10

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	95		51	ug/Kg	1		8260B	Total/NA
1-Methylnaphthalene	4.1		0.99	mg/Kg	10		8270C SIM	Total/NA
2-Methylnaphthalene	3.6		0.99	mg/Kg	10		8270C SIM	Total/NA
Acenaphthene	1.2		0.99	mg/Kg	10		8270C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SS-5-8' (Continued)

Lab Sample ID: 570-36547-10

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	1.5		0.99	mg/Kg	10		8270C SIM	Total/NA
Benzo[g,h,i]perylene	5.3	*1	0.99	mg/Kg	10		8270C SIM	Total/NA
Benzo[k]fluoranthene	2.0	*1	0.99	mg/Kg	10		8270C SIM	Total/NA
Benzo[a]anthracene	5.8		0.99	mg/Kg	10		8270C SIM	Total/NA
Benzo[a]pyrene	3.7	*1	0.99	mg/Kg	10		8270C SIM	Total/NA
Benzo[b]fluoranthene	2.5	*1	0.99	mg/Kg	10		8270C SIM	Total/NA
Chrysene	9.8		0.99	mg/Kg	10		8270C SIM	Total/NA
Fluoranthene	2.9		0.99	mg/Kg	10		8270C SIM	Total/NA
Fluorene	2.6		0.99	mg/Kg	10		8270C SIM	Total/NA
Indeno[1,2,3-cd]pyrene	1.4	*1	0.99	mg/Kg	10		8270C SIM	Total/NA
Phenanthrene	14		0.99	mg/Kg	10		8270C SIM	Total/NA
Pyrene	18		0.99	mg/Kg	10		8270C SIM	Total/NA
C13-C14	260		100	mg/Kg	20		8015B	Total/NA
C15-C16	640		100	mg/Kg	20		8015B	Total/NA
C17-C18	1200		100	mg/Kg	20		8015B	Total/NA
C19-C20	1600		100	mg/Kg	20		8015B	Total/NA
C21-C22	2300		100	mg/Kg	20		8015B	Total/NA
C23-C24	2000		100	mg/Kg	20		8015B	Total/NA
C25-C28	4400		100	mg/Kg	20		8015B	Total/NA
C29-C32	3000		100	mg/Kg	20		8015B	Total/NA
C33-C36	1000		100	mg/Kg	20		8015B	Total/NA
C37-C40	430		100	mg/Kg	20		8015B	Total/NA
C41-C44	120		100	mg/Kg	20		8015B	Total/NA
C6-C44	17000		100	mg/Kg	20		8015B	Total/NA
Diesel Range Organics [C10-C28]	12000		100	mg/Kg	20		8015B	Total/NA
Antimony	2.31		0.781	mg/Kg	1		6010B	Total/NA
Arsenic	12.0		0.781	mg/Kg	1		6010B	Total/NA
Barium	138		0.521	mg/Kg	1		6010B	Total/NA
Beryllium	0.429		0.260	mg/Kg	1		6010B	Total/NA
Cadmium	2.36		0.521	mg/Kg	1		6010B	Total/NA
Chromium	33.9		0.260	mg/Kg	1		6010B	Total/NA
Cobalt	7.17		0.260	mg/Kg	1		6010B	Total/NA
Copper	109		0.521	mg/Kg	1		6010B	Total/NA
Lead	187		0.521	mg/Kg	1		6010B	Total/NA
Molybdenum	2.36		0.260	mg/Kg	1		6010B	Total/NA
Nickel	25.7		0.260	mg/Kg	1		6010B	Total/NA
Vanadium	32.6		0.260	mg/Kg	1		6010B	Total/NA
Zinc	438		1.04	mg/Kg	1		6010B	Total/NA
Mercury	0.512		0.0862	mg/Kg	1		7471A	Total/NA

Client Sample ID: SS-4-5'

Lab Sample ID: 570-36547-11

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
C6-C44	6.9		4.8	mg/Kg	1		8015B	Total/NA
Antimony	1.02		0.754	mg/Kg	1		6010B	Total/NA
Arsenic	2.20		0.754	mg/Kg	1		6010B	Total/NA
Barium	35.8		0.503	mg/Kg	1		6010B	Total/NA
Beryllium	0.346		0.251	mg/Kg	1		6010B	Total/NA
Chromium	10.4		0.251	mg/Kg	1		6010B	Total/NA
Cobalt	4.48		0.251	mg/Kg	1		6010B	Total/NA
Copper	5.09		0.503	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SS-4-5' (Continued)

Lab Sample ID: 570-36547-11

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.04		0.503	mg/Kg	1		6010B	Total/NA
Nickel	8.04		0.251	mg/Kg	1		6010B	Total/NA
Vanadium	20.3		0.251	mg/Kg	1		6010B	Total/NA
Zinc	28.0		1.01	mg/Kg	1		6010B	Total/NA

Client Sample ID: SS-4-8'

Lab Sample ID: 570-36547-12

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	66		52	ug/Kg	1		8260B	Total/NA
1-Methylnaphthalene	0.024		0.020	mg/Kg	1		8270C SIM	Total/NA
2-Methylnaphthalene	0.024		0.020	mg/Kg	1		8270C SIM	Total/NA
Acenaphthylene	0.027		0.020	mg/Kg	1		8270C SIM	Total/NA
Anthracene	0.039		0.020	mg/Kg	1		8270C SIM	Total/NA
Benzo[g,h,i]perylene	0.046	*1	0.020	mg/Kg	1		8270C SIM	Total/NA
Benzo[k]fluoranthene	0.054	*1	0.020	mg/Kg	1		8270C SIM	Total/NA
Benzo[a]anthracene	0.065		0.020	mg/Kg	1		8270C SIM	Total/NA
Benzo[a]pyrene	0.072	*1	0.020	mg/Kg	1		8270C SIM	Total/NA
Benzo[b]fluoranthene	0.057	*1	0.020	mg/Kg	1		8270C SIM	Total/NA
Chrysene	0.091		0.020	mg/Kg	1		8270C SIM	Total/NA
Fluoranthene	0.12		0.020	mg/Kg	1		8270C SIM	Total/NA
Fluorene	0.030		0.020	mg/Kg	1		8270C SIM	Total/NA
Indeno[1,2,3-cd]pyrene	0.035	*1	0.020	mg/Kg	1		8270C SIM	Total/NA
Naphthalene	0.032		0.020	mg/Kg	1		8270C SIM	Total/NA
Phenanthrene	0.18		0.020	mg/Kg	1		8270C SIM	Total/NA
Pyrene	0.17		0.020	mg/Kg	1		8270C SIM	Total/NA
C6-C44	8.7		4.7	mg/Kg	1		8015B	Total/NA
Aroclor-1254	130		50	ug/Kg	1		8082	Total/NA
Aroclor-1260	120		50	ug/Kg	1		8082	Total/NA
Antimony	3.75		0.739	mg/Kg	1		6010B	Total/NA
Arsenic	16.1		0.739	mg/Kg	1		6010B	Total/NA
Barium	202		0.493	mg/Kg	1		6010B	Total/NA
Beryllium	0.408		0.246	mg/Kg	1		6010B	Total/NA
Cadmium	2.62		0.493	mg/Kg	1		6010B	Total/NA
Chromium	31.9		0.246	mg/Kg	1		6010B	Total/NA
Cobalt	6.79		0.246	mg/Kg	1		6010B	Total/NA
Copper	95.5		0.493	mg/Kg	1		6010B	Total/NA
Lead	2070		0.493	mg/Kg	1		6010B	Total/NA
Molybdenum	2.01		0.246	mg/Kg	1		6010B	Total/NA
Nickel	36.9		0.246	mg/Kg	1		6010B	Total/NA
Silver	1.19		0.246	mg/Kg	1		6010B	Total/NA
Vanadium	33.2		0.246	mg/Kg	1		6010B	Total/NA
Zinc	583		0.985	mg/Kg	1		6010B	Total/NA
Mercury	0.964		0.0794	mg/Kg	1		7471A	Total/NA

Client Sample ID: SB-6-GW

Lab Sample ID: 570-36547-13

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
C6-C44	280		50	ug/L	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	280		50	ug/L	1		8015B	Total/NA
Barium	2.31		0.0100	mg/L	1		6010B	Total/NA
Beryllium	0.0150		0.0100	mg/L	1		6010B	Total/NA
Cadmium	0.0229		0.0100	mg/L	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Geosyntec Consultants, Inc.
Project/Site: PMG - San Pedro/ HPA1071

Job ID: 570-36547-1

Client Sample ID: SB-6-GW (Continued)

Lab Sample ID: 570-36547-13

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Chromium	0.437		0.0500	mg/L	1		6010B	Total/NA
Cobalt	0.193		0.0500	mg/L	1		6010B	Total/NA
Copper	0.365		0.0500	mg/L	1		6010B	Total/NA
Nickel	0.313		0.0500	mg/L	1		6010B	Total/NA
Vanadium	0.666		0.0100	mg/L	1		6010B	Total/NA
Zinc	1.31		0.250	mg/L	1		6010B	Total/NA
Mercury	0.000831		0.000500	mg/L	1		7470A	Total/NA

Client Sample ID: SB-3-GW

Lab Sample ID: 570-36547-14

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	0.35		0.24	ug/L	1		8270C SIM	Total/NA
2-Methylnaphthalene	0.27		0.24	ug/L	1		8270C SIM	Total/NA
C25-C28	75		50	ug/L	1		8015B	Total/NA
C6-C44	310		50	ug/L	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	290		50	ug/L	1		8015B	Total/NA
Barium	1.52		0.0100	mg/L	1		6010B	Total/NA
Cadmium	0.0118		0.0100	mg/L	1		6010B	Total/NA
Chromium	0.210		0.0500	mg/L	1		6010B	Total/NA
Cobalt	0.104		0.0500	mg/L	1		6010B	Total/NA
Copper	0.281		0.0500	mg/L	1		6010B	Total/NA
Lead	0.0608		0.0500	mg/L	1		6010B	Total/NA
Molybdenum	0.0851		0.0500	mg/L	1		6010B	Total/NA
Nickel	0.296		0.0500	mg/L	1		6010B	Total/NA
Vanadium	0.304		0.0100	mg/L	1		6010B	Total/NA
Zinc	0.925		0.250	mg/L	1		6010B	Total/NA
Mercury	0.000743		0.000500	mg/L	1		7470A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Geosyntec Consultants, Inc.
Project/Site: PMG - San Pedro/ HPA1071

Job ID: 570-36547-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SS-6-5'
Date Collected: 08/21/20 07:30
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-1
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
1,1,1-Trichloroethane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
1,1,2,2-Tetrachloroethane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
1,1,2-Trichloroethane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
1,1-Dichloroethane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
1,1-Dichloroethene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
1,1-Dichloropropene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
1,2,3-Trichlorobenzene	ND		9.9	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
1,2,3-Trichloropropane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
1,2,4-Trichlorobenzene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
1,2,4-Trimethylbenzene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
1,2-Dibromo-3-Chloropropane	ND		9.9	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
1,2-Dibromoethane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
1,2-Dichlorobenzene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
1,2-Dichloroethane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
1,2-Dichloropropane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
1,3,5-Trimethylbenzene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
1,3-Dichlorobenzene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
1,3-Dichloropropane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
1,4-Dichlorobenzene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
2,2-Dichloropropane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
2-Butanone	ND		50	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
2-Chlorotoluene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
2-Hexanone	ND		50	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
4-Chlorotoluene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
4-Methyl-2-pentanone	ND		50	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
Acetone	ND		50	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
Benzene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
Bromobenzene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
Bromochloromethane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
Bromodichloromethane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
Bromoform	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
Bromomethane	ND		25	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
cis-1,2-Dichloroethene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
cis-1,3-Dichloropropene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
Carbon disulfide	ND		50	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
Carbon tetrachloride	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
Chlorobenzene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
Chloroethane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
Chloroform	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
Chloromethane	ND		25	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
Dibromochloromethane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
Dibromomethane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
Dichlorodifluoromethane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
Di-isopropyl ether (DIPE)	ND		9.9	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
Ethanol	ND		250	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
Ethylbenzene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
Ethyl-t-butyl ether (ETBE)	ND		9.9	ug/Kg		08/26/20 11:23	08/26/20 11:53	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SS-6-5'
Date Collected: 08/21/20 07:30
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-1
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
Methylene Chloride	ND		50	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
Methyl-t-Butyl Ether (MTBE)	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
Naphthalene	ND		50	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
n-Butylbenzene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
N-Propylbenzene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
o-Xylene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
m,p-Xylene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
p-Isopropyltoluene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
sec-Butylbenzene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
Styrene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
trans-1,2-Dichloroethene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
trans-1,3-Dichloropropene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
Tert-amyl-methyl ether (TAME)	ND		9.9	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
tert-Butyl alcohol (TBA)	ND		50	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
tert-Butylbenzene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
Tetrachloroethene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
Toluene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
Trichloroethene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
Trichlorofluoromethane	ND		50	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
Vinyl acetate	ND		50	ug/Kg		08/26/20 11:23	08/26/20 11:53	1
Vinyl chloride	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 11:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*71 - 155*	*08/26/20 11:23*	*08/26/20 11:53*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*08/26/20 11:23*	*08/26/20 11:53*	*1*
Dibromofluoromethane (Surr)	*95*		*79 - 133*	*08/26/20 11:23*	*08/26/20 11:53*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*08/26/20 11:23*	*08/26/20 11:53*	*1*

Client Sample ID: SS-6-8'
Date Collected: 08/21/20 07:48
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-2
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
1,1,1-Trichloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
1,1,2,2-Tetrachloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		51	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
1,1,2-Trichloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
1,1-Dichloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
1,1-Dichloroethene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
1,1-Dichloropropene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
1,2,3-Trichlorobenzene	ND		10	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
1,2,3-Trichloropropane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
1,2,4-Trichlorobenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
1,2,4-Trimethylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
1,2-Dibromo-3-Chloropropane	ND		10	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
1,2-Dibromoethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
1,2-Dichlorobenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
1,2-Dichloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
1,2-Dichloropropane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SS-6-8'
Date Collected: 08/21/20 07:48
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-2
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
1,3-Dichlorobenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
1,3-Dichloropropane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
1,4-Dichlorobenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
2,2-Dichloropropane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
2-Butanone	ND		51	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
2-Chlorotoluene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
2-Hexanone	ND		51	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
4-Chlorotoluene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
4-Methyl-2-pentanone	ND		51	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
Acetone	ND		51	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
Benzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
Bromobenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
Bromochloromethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
Bromodichloromethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
Bromoform	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
Bromomethane	ND		25	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
cis-1,2-Dichloroethene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
cis-1,3-Dichloropropene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
Carbon disulfide	ND		51	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
Carbon tetrachloride	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
Chlorobenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
Chloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
Chloroform	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
Chloromethane	ND		25	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
Dibromochloromethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
Dibromomethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
Dichlorodifluoromethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
Di-isopropyl ether (DIPE)	ND		10	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
Ethanol	ND		250	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
Ethylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
Ethyl-t-butyl ether (ETBE)	ND		10	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
Isopropylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
Methylene Chloride	ND		51	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
Methyl-t-Butyl Ether (MTBE)	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
Naphthalene	ND		51	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
n-Butylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
N-Propylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
o-Xylene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
m,p-Xylene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
p-Isopropyltoluene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
sec-Butylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
Styrene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
trans-1,2-Dichloroethene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
trans-1,3-Dichloropropene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
Tert-amyl-methyl ether (TAME)	ND		10	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
tert-Butyl alcohol (TBA)	ND		51	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
tert-Butylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
Tetrachloroethene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SS-6-8'
Date Collected: 08/21/20 07:48
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-2
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
Trichloroethene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
Trichlorofluoromethane	ND		51	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
Vinyl acetate	ND		51	ug/Kg		08/26/20 11:23	08/26/20 14:42	1
Vinyl chloride	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*71 - 155*	*08/26/20 11:23*	*08/26/20 14:42*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*08/26/20 11:23*	*08/26/20 14:42*	*1*
Dibromofluoromethane (Surr)	*92*		*79 - 133*	*08/26/20 11:23*	*08/26/20 14:42*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*08/26/20 11:23*	*08/26/20 14:42*	*1*

Client Sample ID: SS-3-5'
Date Collected: 08/21/20 09:05
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-3
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
1,1,1-Trichloroethane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
1,1,2,2-Tetrachloroethane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
1,1,2-Trichloroethane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
1,1-Dichloroethane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
1,1-Dichloroethene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
1,1-Dichloropropene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
1,2,3-Trichlorobenzene	ND		10	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
1,2,3-Trichloropropane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
1,2,4-Trichlorobenzene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
1,2,4-Trimethylbenzene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
1,2-Dibromo-3-Chloropropane	ND		10	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
1,2-Dibromoethane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
1,2-Dichlorobenzene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
1,2-Dichloroethane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
1,2-Dichloropropane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
1,3,5-Trimethylbenzene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
1,3-Dichlorobenzene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
1,3-Dichloropropane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
1,4-Dichlorobenzene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
2,2-Dichloropropane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
2-Butanone	ND		50	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
2-Chlorotoluene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
2-Hexanone	ND		50	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
4-Chlorotoluene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
4-Methyl-2-pentanone	ND		50	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Acetone	ND		50	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Benzene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Bromobenzene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Bromochloromethane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Bromodichloromethane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Bromoform	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Bromomethane	ND		25	ug/Kg		08/26/20 11:23	08/26/20 15:08	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SS-3-5'
Date Collected: 08/21/20 09:05
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-3
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
cis-1,3-Dichloropropene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Carbon disulfide	ND		50	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Carbon tetrachloride	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Chlorobenzene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Chloroethane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Chloroform	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Chloromethane	ND		25	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Dibromochloromethane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Dibromomethane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Dichlorodifluoromethane	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Di-isopropyl ether (DIPE)	ND		10	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Ethanol	ND		250	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Ethylbenzene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Ethyl-t-butyl ether (ETBE)	ND		10	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Isopropylbenzene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Methylene Chloride	ND		50	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Methyl-t-Butyl Ether (MTBE)	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Naphthalene	ND		50	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
n-Butylbenzene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
N-Propylbenzene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
o-Xylene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
m,p-Xylene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
p-Isopropyltoluene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
sec-Butylbenzene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Styrene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
trans-1,2-Dichloroethene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
trans-1,3-Dichloropropene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Tert-amyl-methyl ether (TAME)	ND		10	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
tert-Butyl alcohol (TBA)	ND		50	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
tert-Butylbenzene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Tetrachloroethene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Toluene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Trichloroethene	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Trichlorofluoromethane	ND		50	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Vinyl acetate	ND		50	ug/Kg		08/26/20 11:23	08/26/20 15:08	1
Vinyl chloride	ND		5.0	ug/Kg		08/26/20 11:23	08/26/20 15:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*71 - 155*	*08/26/20 11:23*	*08/26/20 15:08*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*08/26/20 11:23*	*08/26/20 15:08*	*1*
Dibromofluoromethane (Surr)	*91*		*79 - 133*	*08/26/20 11:23*	*08/26/20 15:08*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*08/26/20 11:23*	*08/26/20 15:08*	*1*

Client Sample ID: SS-3-8'
Date Collected: 08/21/20 09:15
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-4
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
1,1,1-Trichloroethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SS-3-8'
Date Collected: 08/21/20 09:15
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-4
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		52	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
1,1,2-Trichloroethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
1,1-Dichloroethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
1,1-Dichloroethene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
1,1-Dichloropropene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
1,2,3-Trichlorobenzene	ND		10	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
1,2,3-Trichloropropane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
1,2,4-Trichlorobenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
1,2,4-Trimethylbenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
1,2-Dibromo-3-Chloropropane	ND		10	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
1,2-Dibromoethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
1,2-Dichlorobenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
1,2-Dichloroethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
1,2-Dichloropropane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
1,3,5-Trimethylbenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
1,3-Dichlorobenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
1,3-Dichloropropane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
1,4-Dichlorobenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
2,2-Dichloropropane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
2-Butanone	ND		52	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
2-Chlorotoluene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
2-Hexanone	ND		52	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
4-Chlorotoluene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
4-Methyl-2-pentanone	ND		52	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
Acetone	ND		52	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
Benzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
Bromobenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
Bromochloromethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
Bromodichloromethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
Bromoform	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
Bromomethane	ND		26	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
cis-1,2-Dichloroethene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
cis-1,3-Dichloropropene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
Carbon disulfide	ND		52	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
Carbon tetrachloride	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
Chlorobenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
Chloroethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
Chloroform	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
Chloromethane	ND		26	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
Dibromochloromethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
Dibromomethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
Dichlorodifluoromethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
Di-isopropyl ether (DIPE)	ND		10	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
Ethanol	ND		260	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
Ethylbenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
Ethyl-t-butyl ether (ETBE)	ND		10	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
Isopropylbenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
Methylene Chloride	ND		52	ug/Kg		08/26/20 11:23	08/26/20 15:33	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SS-3-8'
Date Collected: 08/21/20 09:15
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-4
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
Naphthalene	ND		52	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
n-Butylbenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
N-Propylbenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
o-Xylene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
m,p-Xylene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
p-Isopropyltoluene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
sec-Butylbenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
Styrene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
trans-1,2-Dichloroethene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
trans-1,3-Dichloropropene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
Tert-amyl-methyl ether (TAME)	ND		10	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
tert-Butyl alcohol (TBA)	ND		52	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
tert-Butylbenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
Tetrachloroethene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
Toluene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
Trichloroethene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
Trichlorofluoromethane	ND		52	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
Vinyl acetate	ND		52	ug/Kg		08/26/20 11:23	08/26/20 15:33	1
Vinyl chloride	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 15:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*71 - 155*	*08/26/20 11:23*	*08/26/20 15:33*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*08/26/20 11:23*	*08/26/20 15:33*	*1*
Dibromofluoromethane (Surr)	*93*		*79 - 133*	*08/26/20 11:23*	*08/26/20 15:33*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*08/26/20 11:23*	*08/26/20 15:33*	*1*

Client Sample ID: SS-1-5'
Date Collected: 08/21/20 10:25
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-5
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
1,1,1-Trichloroethane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
1,1,2,2-Tetrachloroethane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		49	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
1,1,2-Trichloroethane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
1,1-Dichloroethane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
1,1-Dichloroethene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
1,1-Dichloropropene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
1,2,3-Trichlorobenzene	ND		9.7	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
1,2,3-Trichloropropane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
1,2,4-Trichlorobenzene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
1,2,4-Trimethylbenzene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
1,2-Dibromo-3-Chloropropane	ND		9.7	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
1,2-Dibromoethane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
1,2-Dichlorobenzene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
1,2-Dichloroethane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
1,2-Dichloropropane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
1,3,5-Trimethylbenzene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
1,3-Dichlorobenzene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SS-1-5'
Date Collected: 08/21/20 10:25
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-5
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
1,4-Dichlorobenzene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
2,2-Dichloropropane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
2-Butanone	ND		49	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
2-Chlorotoluene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
2-Hexanone	ND		49	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
4-Chlorotoluene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
4-Methyl-2-pentanone	ND		49	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
Acetone	ND		49	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
Benzene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
Bromobenzene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
Bromochloromethane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
Bromodichloromethane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
Bromoform	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
Bromomethane	ND		24	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
cis-1,2-Dichloroethene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
cis-1,3-Dichloropropene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
Carbon disulfide	ND		49	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
Carbon tetrachloride	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
Chlorobenzene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
Chloroethane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
Chloroform	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
Chloromethane	ND		24	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
Dibromochloromethane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
Dibromomethane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
Dichlorodifluoromethane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
Di-isopropyl ether (DIPE)	ND		9.7	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
Ethanol	ND		240	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
Ethylbenzene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
Ethyl-t-butyl ether (ETBE)	ND		9.7	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
Isopropylbenzene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
Methylene Chloride	ND		49	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
Methyl-t-Butyl Ether (MTBE)	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
Naphthalene	ND		49	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
n-Butylbenzene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
N-Propylbenzene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
o-Xylene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
m,p-Xylene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
p-Isopropyltoluene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
sec-Butylbenzene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
Styrene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
trans-1,2-Dichloroethene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
trans-1,3-Dichloropropene	ND		9.7	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
Tert-amyl-methyl ether (TAME)	ND		49	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
tert-Butyl alcohol (TBA)	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
tert-Butylbenzene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
Tetrachloroethene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
Toluene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
Trichloroethene								

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SS-1-5'
Date Collected: 08/21/20 10:25
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-5
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		49	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
Vinyl acetate	ND		49	ug/Kg		08/26/20 11:23	08/26/20 15:59	1
Vinyl chloride	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*71 - 155*	*08/26/20 11:23*	*08/26/20 15:59*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*08/26/20 11:23*	*08/26/20 15:59*	*1*
Dibromofluoromethane (Surr)	*94*		*79 - 133*	*08/26/20 11:23*	*08/26/20 15:59*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*08/26/20 11:23*	*08/26/20 15:59*	*1*

Client Sample ID: SS-1-8'
Date Collected: 08/21/20 10:35
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-6
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
1,1,1-Trichloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
1,1,2,2-Tetrachloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		51	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
1,1,2-Trichloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
1,1-Dichloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
1,1-Dichloroethene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
1,1-Dichloropropene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
1,2,3-Trichlorobenzene	ND		10	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
1,2,3-Trichloropropane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
1,2,4-Trichlorobenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
1,2,4-Trimethylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
1,2-Dibromo-3-Chloropropane	ND		10	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
1,2-Dibromoethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
1,2-Dichlorobenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
1,2-Dichloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
1,2-Dichloropropane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
1,3,5-Trimethylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
1,3-Dichlorobenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
1,3-Dichloropropane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
1,4-Dichlorobenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
2,2-Dichloropropane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
2-Butanone	ND		51	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
2-Chlorotoluene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
2-Hexanone	ND		51	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
4-Chlorotoluene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
4-Methyl-2-pentanone	ND		51	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
Acetone	ND		51	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
Benzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
Bromobenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
Bromochloromethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
Bromodichloromethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
Bromoform	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
Bromomethane	ND		25	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
cis-1,2-Dichloroethene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
cis-1,3-Dichloropropene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SS-1-8'
Date Collected: 08/21/20 10:35
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-6
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		51	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
Carbon tetrachloride	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
Chlorobenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
Chloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
Chloroform	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
Chloromethane	ND		25	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
Dibromochloromethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
Dibromomethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
Dichlorodifluoromethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
Di-isopropyl ether (DIPE)	ND		10	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
Ethanol	ND		250	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
Ethylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
Ethyl-t-butyl ether (ETBE)	ND		10	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
Isopropylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
Methylene Chloride	ND		51	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
Methyl-t-Butyl Ether (MTBE)	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
Naphthalene	ND		51	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
n-Butylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
N-Propylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
o-Xylene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
m,p-Xylene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
p-Isopropyltoluene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
sec-Butylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
Styrene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
trans-1,2-Dichloroethene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
trans-1,3-Dichloropropene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
Tert-amyl-methyl ether (TAME)	ND		10	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
tert-Butyl alcohol (TBA)	ND		51	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
tert-Butylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
Tetrachloroethene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
Toluene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
Trichloroethene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
Trichlorofluoromethane	ND		51	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
Vinyl acetate	ND		51	ug/Kg		08/26/20 11:23	08/26/20 16:24	1
Vinyl chloride	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*71 - 155*	*08/26/20 11:23*	*08/26/20 16:24*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*08/26/20 11:23*	*08/26/20 16:24*	*1*
Dibromofluoromethane (Surr)	*95*		*79 - 133*	*08/26/20 11:23*	*08/26/20 16:24*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*08/26/20 11:23*	*08/26/20 16:24*	*1*

Client Sample ID: SS-2-5'
Date Collected: 08/21/20 11:00
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-7
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
1,1,1-Trichloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
1,1,2,2-Tetrachloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		51	ug/Kg		08/26/20 11:23	08/26/20 16:50	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SS-2-5'
Date Collected: 08/21/20 11:00
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-7
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
1,1-Dichloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
1,1-Dichloroethene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
1,1-Dichloropropene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
1,2,3-Trichlorobenzene	ND		10	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
1,2,3-Trichloropropane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
1,2,4-Trichlorobenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
1,2,4-Trimethylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
1,2-Dibromo-3-Chloropropane	ND		10	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
1,2-Dibromoethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
1,2-Dichlorobenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
1,2-Dichloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
1,2-Dichloropropane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
1,3,5-Trimethylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
1,3-Dichlorobenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
1,3-Dichloropropane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
1,4-Dichlorobenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
2,2-Dichloropropane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
2-Butanone	ND		51	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
2-Chlorotoluene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
2-Hexanone	ND		51	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
4-Chlorotoluene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
4-Methyl-2-pentanone	ND		51	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Acetone	ND		51	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Benzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Bromobenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Bromochloromethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Bromodichloromethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Bromoform	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Bromomethane	ND		26	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
cis-1,2-Dichloroethene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
cis-1,3-Dichloropropene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Carbon disulfide	ND		51	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Carbon tetrachloride	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Chlorobenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Chloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Chloroform	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Chloromethane	ND		26	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Dibromochloromethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Dibromomethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Dichlorodifluoromethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Di-isopropyl ether (DIPE)	ND		10	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Ethanol	ND		260	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Ethylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Ethyl-t-butyl ether (ETBE)	ND		10	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Isopropylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Methylene Chloride	ND		51	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Methyl-t-Butyl Ether (MTBE)	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Naphthalene	ND		51	ug/Kg		08/26/20 11:23	08/26/20 16:50	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SS-2-5'
Date Collected: 08/21/20 11:00
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-7
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
N-Propylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
o-Xylene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
m,p-Xylene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
p-Isopropyltoluene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
sec-Butylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Styrene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
trans-1,2-Dichloroethene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
trans-1,3-Dichloropropene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Tert-amyl-methyl ether (TAME)	ND		10	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
tert-Butyl alcohol (TBA)	ND		51	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
tert-Butylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Tetrachloroethene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Toluene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Trichloroethene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Trichlorofluoromethane	ND		51	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Vinyl acetate	ND		51	ug/Kg		08/26/20 11:23	08/26/20 16:50	1
Vinyl chloride	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*71 - 155*	*08/26/20 11:23*	*08/26/20 16:50*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*08/26/20 11:23*	*08/26/20 16:50*	*1*
Dibromofluoromethane (Surr)	*96*		*79 - 133*	*08/26/20 11:23*	*08/26/20 16:50*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*08/26/20 11:23*	*08/26/20 16:50*	*1*

Client Sample ID: SS-2-8'
Date Collected: 08/21/20 11:15
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-8
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
1,1,1-Trichloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
1,1,2,2-Tetrachloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		51	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
1,1,2-Trichloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
1,1-Dichloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
1,1-Dichloroethene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
1,1-Dichloropropene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
1,2,3-Trichlorobenzene	ND		10	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
1,2,3-Trichloropropane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
1,2,4-Trichlorobenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
1,2,4-Trimethylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
1,2-Dibromo-3-Chloropropane	ND		10	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
1,2-Dibromoethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
1,2-Dichlorobenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
1,2-Dichloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
1,2-Dichloropropane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
1,3,5-Trimethylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
1,3-Dichlorobenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
1,3-Dichloropropane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
1,4-Dichlorobenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SS-2-8'
Date Collected: 08/21/20 11:15
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-8
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
2-Butanone	ND		51	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
2-Chlorotoluene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
2-Hexanone	ND		51	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
4-Chlorotoluene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
4-Methyl-2-pentanone	ND		51	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
Acetone	ND		51	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
Benzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
Bromobenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
Bromochloromethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
Bromodichloromethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
Bromoform	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
Bromomethane	ND		26	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
cis-1,2-Dichloroethene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
cis-1,3-Dichloropropene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
Carbon disulfide	ND		51	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
Carbon tetrachloride	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
Chlorobenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
Chloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
Chloroform	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
Chloromethane	ND		26	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
Dibromochloromethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
Dibromomethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
Dichlorodifluoromethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
Di-isopropyl ether (DIPE)	ND		10	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
Ethanol	ND		260	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
Ethylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
Ethyl-t-butyl ether (ETBE)	ND		10	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
Isopropylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
Methylene Chloride	ND		51	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
Methyl-t-Butyl Ether (MTBE)	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
Naphthalene	ND		51	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
n-Butylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
N-Propylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
o-Xylene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
m,p-Xylene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
p-Isopropyltoluene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
sec-Butylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
Styrene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
trans-1,2-Dichloroethene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
trans-1,3-Dichloropropene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
Tert-amyl-methyl ether (TAME)	ND		10	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
tert-Butyl alcohol (TBA)	ND		51	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
tert-Butylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
Tetrachloroethene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
Toluene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
Trichloroethene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
Trichlorofluoromethane	ND		51	ug/Kg		08/26/20 11:23	08/26/20 17:15	1
Vinyl acetate	ND		51	ug/Kg		08/26/20 11:23	08/26/20 17:15	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SS-2-8'
Date Collected: 08/21/20 11:15
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-8
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 17:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*71 - 155*	*08/26/20 11:23*	*08/26/20 17:15*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*08/26/20 11:23*	*08/26/20 17:15*	*1*
Dibromofluoromethane (Surr)	*96*		*79 - 133*	*08/26/20 11:23*	*08/26/20 17:15*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*08/26/20 11:23*	*08/26/20 17:15*	*1*

Client Sample ID: SS-5-5'
Date Collected: 08/21/20 11:40
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-9
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
1,1,1-Trichloroethane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
1,1,2,2-Tetrachloroethane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		49	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
1,1,2-Trichloroethane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
1,1-Dichloroethane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
1,1-Dichloroethene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
1,1-Dichloropropene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
1,2,3-Trichlorobenzene	ND		9.8	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
1,2,3-Trichloropropane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
1,2,4-Trichlorobenzene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
1,2,4-Trimethylbenzene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
1,2-Dibromo-3-Chloropropane	ND		9.8	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
1,2-Dibromoethane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
1,2-Dichlorobenzene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
1,2-Dichloroethane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
1,2-Dichloropropane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
1,3,5-Trimethylbenzene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
1,3-Dichlorobenzene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
1,3-Dichloropropane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
1,4-Dichlorobenzene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
2,2-Dichloropropane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
2-Butanone	ND		49	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
2-Chlorotoluene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
2-Hexanone	ND		49	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
4-Chlorotoluene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
4-Methyl-2-pentanone	ND		49	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
Acetone	ND		49	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
Benzene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
Bromobenzene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
Bromochloromethane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
Bromodichloromethane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
Bromoform	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
Bromomethane	ND		24	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
cis-1,2-Dichloroethene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
cis-1,3-Dichloropropene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
Carbon disulfide	ND		49	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
Carbon tetrachloride	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SS-5-5'
Date Collected: 08/21/20 11:40
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-9
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
Chloroethane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
Chloroform	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
Chloromethane	ND		24	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
Dibromochloromethane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
Dibromomethane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
Dichlorodifluoromethane	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
Di-isopropyl ether (DIPE)	ND		9.8	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
Ethanol	ND		240	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
Ethylbenzene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
Ethyl-t-butyl ether (ETBE)	ND		9.8	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
Isopropylbenzene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
Methylene Chloride	ND		49	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
Methyl-t-Butyl Ether (MTBE)	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
Naphthalene	ND		49	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
n-Butylbenzene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
N-Propylbenzene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
o-Xylene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
m,p-Xylene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
p-Isopropyltoluene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
sec-Butylbenzene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
Styrene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
trans-1,2-Dichloroethene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
trans-1,3-Dichloropropene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
Tert-amyl-methyl ether (TAME)	ND		9.8	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
tert-Butyl alcohol (TBA)	ND		49	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
tert-Butylbenzene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
Tetrachloroethene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
Toluene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
Trichloroethene	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
Trichlorofluoromethane	ND		49	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
Vinyl acetate	ND		49	ug/Kg		08/26/20 11:23	08/26/20 17:41	1
Vinyl chloride	ND		4.9	ug/Kg		08/26/20 11:23	08/26/20 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*71 - 155*	*08/26/20 11:23*	*08/26/20 17:41*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*08/26/20 11:23*	*08/26/20 17:41*	*1*
Dibromofluoromethane (Surr)	*98*		*79 - 133*	*08/26/20 11:23*	*08/26/20 17:41*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*08/26/20 11:23*	*08/26/20 17:41*	*1*

Client Sample ID: SS-5-8'
Date Collected: 08/21/20 11:50
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-10
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
1,1,1-Trichloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
1,1,2,2-Tetrachloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		51	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
1,1,2-Trichloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
1,1-Dichloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SS-5-8'
Date Collected: 08/21/20 11:50
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-10
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
1,1-Dichloropropene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
1,2,3-Trichlorobenzene	ND		10	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
1,2,3-Trichloropropane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
1,2,4-Trichlorobenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
1,2,4-Trimethylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
1,2-Dibromo-3-Chloropropane	ND		10	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
1,2-Dibromoethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
1,2-Dichlorobenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
1,2-Dichloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
1,2-Dichloropropane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
1,3,5-Trimethylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
1,3-Dichlorobenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
1,3-Dichloropropane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
1,4-Dichlorobenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
2,2-Dichloropropane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
2-Butanone	ND		51	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
2-Chlorotoluene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
2-Hexanone	ND		51	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
4-Chlorotoluene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
4-Methyl-2-pentanone	ND		51	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Acetone	**95**		51	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Benzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Bromobenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Bromochloromethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Bromodichloromethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Bromoform	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Bromomethane	ND		25	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
cis-1,2-Dichloroethene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
cis-1,3-Dichloropropene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Carbon disulfide	ND		51	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Carbon tetrachloride	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Chlorobenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Chloroethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Chloroform	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Chloromethane	ND		25	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Dibromochloromethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Dibromomethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Dichlorodifluoromethane	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Di-isopropyl ether (DIPE)	ND		10	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Ethanol	ND		250	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Ethylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Ethyl-t-butyl ether (ETBE)	ND		10	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Isopropylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Methylene Chloride	ND		51	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Methyl-t-Butyl Ether (MTBE)	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Naphthalene	ND		51	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
n-Butylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
N-Propylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SS-5-8'
Date Collected: 08/21/20 11:50
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-10
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
m,p-Xylene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
p-Isopropyltoluene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
sec-Butylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Styrene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
trans-1,2-Dichloroethene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
trans-1,3-Dichloropropene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Tert-amyl-methyl ether (TAME)	ND		10	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
tert-Butyl alcohol (TBA)	ND		51	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
tert-Butylbenzene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Tetrachloroethene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Toluene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Trichloroethene	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Trichlorofluoromethane	ND		51	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Vinyl acetate	ND		51	ug/Kg		08/26/20 11:23	08/26/20 18:06	1
Vinyl chloride	ND		5.1	ug/Kg		08/26/20 11:23	08/26/20 18:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*121*		*71 - 155*	*08/26/20 11:23*	*08/26/20 18:06*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*08/26/20 11:23*	*08/26/20 18:06*	*1*
Dibromofluoromethane (Surr)	*98*		*79 - 133*	*08/26/20 11:23*	*08/26/20 18:06*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*08/26/20 11:23*	*08/26/20 18:06*	*1*

Client Sample ID: SS-4-5'
Date Collected: 08/21/20 13:00
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-11
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
1,1,1-Trichloroethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
1,1,2,2-Tetrachloroethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		52	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
1,1,2-Trichloroethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
1,1-Dichloroethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
1,1-Dichloroethene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
1,1-Dichloropropene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
1,2,3-Trichlorobenzene	ND		10	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
1,2,3-Trichloropropane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
1,2,4-Trichlorobenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
1,2,4-Trimethylbenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
1,2-Dibromo-3-Chloropropane	ND		10	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
1,2-Dibromoethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
1,2-Dichlorobenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
1,2-Dichloroethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
1,2-Dichloropropane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
1,3,5-Trimethylbenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
1,3-Dichlorobenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
1,3-Dichloropropane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
1,4-Dichlorobenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
2,2-Dichloropropane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
2-Butanone	ND		52	ug/Kg		08/26/20 11:23	08/26/20 18:31	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SS-4-5'
Date Collected: 08/21/20 13:00
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-11
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
2-Hexanone	ND		52	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
4-Chlorotoluene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
4-Methyl-2-pentanone	ND		52	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Acetone	ND		52	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Benzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Bromobenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Bromochloromethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Bromodichloromethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Bromoform	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Bromomethane	ND		26	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
cis-1,2-Dichloroethene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
cis-1,3-Dichloropropene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Carbon disulfide	ND		52	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Carbon tetrachloride	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Chlorobenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Chloroethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Chloroform	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Chloromethane	ND		26	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Dibromochloromethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Dibromomethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Dichlorodifluoromethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Di-isopropyl ether (DIPE)	ND		10	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Ethanol	ND		260	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Ethylbenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Ethyl-t-butyl ether (ETBE)	ND		10	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Isopropylbenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Methylene Chloride	ND		52	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Methyl-t-Butyl Ether (MTBE)	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Naphthalene	ND		52	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
n-Butylbenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
N-Propylbenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
o-Xylene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
m,p-Xylene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
p-Isopropyltoluene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
sec-Butylbenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Styrene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
trans-1,2-Dichloroethene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
trans-1,3-Dichloropropene	ND		10	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Tert-amyl-methyl ether (TAME)	ND		52	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
tert-Butyl alcohol (TBA)	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
tert-Butylbenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Tetrachloroethene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Toluene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Trichloroethene	ND		52	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Trichlorofluoromethane	ND		52	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Vinyl acetate	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:31	1
Vinyl chloride								

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		71 - 155	08/26/20 11:23	08/26/20 18:31	1
4-Bromofluorobenzene (Surr)	104		80 - 120	08/26/20 11:23	08/26/20 18:31	1
Dibromofluoromethane (Surr)	93		79 - 133	08/26/20 11:23	08/26/20 18:31	1
Toluene-d8 (Surr)	102		80 - 120	08/26/20 11:23	08/26/20 18:31	1

Client Sample ID: SS-4-8'
Date Collected: 08/21/20 13:10
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-12
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
1,1,1-Trichloroethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
1,1,2,2-Tetrachloroethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		52	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
1,1,2-Trichloroethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
1,1-Dichloroethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
1,1-Dichloroethene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
1,1-Dichloropropene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
1,2,3-Trichlorobenzene	ND		10	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
1,2,3-Trichloropropane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
1,2,4-Trichlorobenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
1,2,4-Trimethylbenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
1,2-Dibromo-3-Chloropropane	ND		10	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
1,2-Dibromoethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
1,2-Dichlorobenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
1,2-Dichloroethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
1,2-Dichloropropane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
1,3,5-Trimethylbenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
1,3-Dichlorobenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
1,3-Dichloropropane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
1,4-Dichlorobenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
2,2-Dichloropropane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
2-Butanone	ND		52	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
2-Chlorotoluene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
2-Hexanone	ND		52	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
4-Chlorotoluene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
4-Methyl-2-pentanone	ND		52	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
Acetone	**66**		52	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
Benzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
Bromobenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
Bromochloromethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
Bromodichloromethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
Bromoform	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
Bromomethane	ND		26	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
cis-1,2-Dichloroethene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
cis-1,3-Dichloropropene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
Carbon disulfide	ND		52	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
Carbon tetrachloride	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
Chlorobenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
Chloroethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
Chloroform	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
Chloromethane	ND		26	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
Dibromochloromethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SS-4-8'
Date Collected: 08/21/20 13:10
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-12
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
Dichlorodifluoromethane	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
Di-isopropyl ether (DIPE)	ND		10	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
Ethanol	ND		260	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
Ethylbenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
Ethyl-t-butyl ether (ETBE)	ND		10	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
Isopropylbenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
Methylene Chloride	ND		52	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
Methyl-t-Butyl Ether (MTBE)	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
Naphthalene	ND		52	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
n-Butylbenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
N-Propylbenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
o-Xylene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
m,p-Xylene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
p-Isopropyltoluene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
sec-Butylbenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
Styrene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
trans-1,2-Dichloroethene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
trans-1,3-Dichloropropene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
Tert-amyl-methyl ether (TAME)	ND		10	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
tert-Butyl alcohol (TBA)	ND		52	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
tert-Butylbenzene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
Tetrachloroethene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
Toluene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
Trichloroethene	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
Trichlorofluoromethane	ND		52	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
Vinyl acetate	ND		52	ug/Kg		08/26/20 11:23	08/26/20 18:57	1
Vinyl chloride	ND		5.2	ug/Kg		08/26/20 11:23	08/26/20 18:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*71 - 155*	*08/26/20 11:23*	*08/26/20 18:57*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*08/26/20 11:23*	*08/26/20 18:57*	*1*
Dibromofluoromethane (Surr)	*92*		*79 - 133*	*08/26/20 11:23*	*08/26/20 18:57*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*08/26/20 11:23*	*08/26/20 18:57*	*1*

Client Sample ID: SB-6-GW
Date Collected: 08/21/20 08:30
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-13
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		4.0	ug/L			08/27/20 13:22	2
1,1,1-Trichloroethane	ND		2.0	ug/L			08/27/20 13:22	2
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			08/27/20 13:22	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	ug/L			08/27/20 13:22	2
1,1,2-Trichloroethane	ND		2.0	ug/L			08/27/20 13:22	2
1,1-Dichloroethane	ND		2.0	ug/L			08/27/20 13:22	2
1,1-Dichloroethene	ND		2.0	ug/L			08/27/20 13:22	2
1,1-Dichloropropene	ND		2.0	ug/L			08/27/20 13:22	2
1,2,3-Trichlorobenzene	ND		2.0	ug/L			08/27/20 13:22	2
1,2,3-Trichloropropane	ND		10	ug/L			08/27/20 13:22	2
1,2,4-Trichlorobenzene	ND		2.0	ug/L			08/27/20 13:22	2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-6-GW
Date Collected: 08/21/20 08:30
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-13
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		2.0	ug/L			08/27/20 13:22	2
1,2-Dibromo-3-Chloropropane	ND		20	ug/L			08/27/20 13:22	2
1,2-Dibromoethane	ND		2.0	ug/L			08/27/20 13:22	2
1,2-Dichlorobenzene	ND		2.0	ug/L			08/27/20 13:22	2
1,2-Dichloroethane	ND		1.0	ug/L			08/27/20 13:22	2
1,2-Dichloropropane	ND		2.0	ug/L			08/27/20 13:22	2
1,3,5-Trimethylbenzene	ND		2.0	ug/L			08/27/20 13:22	2
1,3-Dichlorobenzene	ND		2.0	ug/L			08/27/20 13:22	2
1,3-Dichloropropane	ND		2.0	ug/L			08/27/20 13:22	2
1,4-Dichlorobenzene	ND		2.0	ug/L			08/27/20 13:22	2
2,2-Dichloropropane	ND		2.0	ug/L			08/27/20 13:22	2
2-Butanone	ND		40	ug/L			08/27/20 13:22	2
2-Chlorotoluene	ND		2.0	ug/L			08/27/20 13:22	2
2-Hexanone	ND		20	ug/L			08/27/20 13:22	2
4-Chlorotoluene	ND		2.0	ug/L			08/27/20 13:22	2
4-Methyl-2-pentanone	ND		20	ug/L			08/27/20 13:22	2
Acetone	ND		40	ug/L			08/27/20 13:22	2
Benzene	ND		1.0	ug/L			08/27/20 13:22	2
Bromobenzene	ND		2.0	ug/L			08/27/20 13:22	2
Bromochloromethane	ND		4.0	ug/L			08/27/20 13:22	2
Bromodichloromethane	ND		2.0	ug/L			08/27/20 13:22	2
Bromoform	ND		10	ug/L			08/27/20 13:22	2
Bromomethane	ND		100	ug/L			08/27/20 13:22	2
cis-1,2-Dichloroethene	ND		2.0	ug/L			08/27/20 13:22	2
cis-1,3-Dichloropropene	ND		1.0	ug/L			08/27/20 13:22	2
Carbon disulfide	ND		20	ug/L			08/27/20 13:22	2
Carbon tetrachloride	ND		1.0	ug/L			08/27/20 13:22	2
Chlorobenzene	ND		2.0	ug/L			08/27/20 13:22	2
Chloroethane	ND		10	ug/L			08/27/20 13:22	2
Chloroform	ND		2.0	ug/L			08/27/20 13:22	2
Chloromethane	ND		20	ug/L			08/27/20 13:22	2
Dibromochloromethane	ND		4.0	ug/L			08/27/20 13:22	2
Dibromomethane	ND		2.0	ug/L			08/27/20 13:22	2
Dichlorodifluoromethane	ND		10	ug/L			08/27/20 13:22	2
Di-isopropyl ether (DIPE)	ND		4.0	ug/L			08/27/20 13:22	2
Ethanol	ND		200	ug/L			08/27/20 13:22	2
Ethylbenzene	ND		2.0	ug/L			08/27/20 13:22	2
Ethyl-t-butyl ether (ETBE)	ND		4.0	ug/L			08/27/20 13:22	2
Isopropylbenzene	ND		2.0	ug/L			08/27/20 13:22	2
Methylene Chloride	ND		20	ug/L			08/27/20 13:22	2
Methyl-t-Butyl Ether (MTBE)	ND		2.0	ug/L			08/27/20 13:22	2
Naphthalene	ND		20	ug/L			08/27/20 13:22	2
n-Butylbenzene	ND		2.0	ug/L			08/27/20 13:22	2
N-Propylbenzene	ND		2.0	ug/L			08/27/20 13:22	2
o-Xylene	ND		2.0	ug/L			08/27/20 13:22	2
m,p-Xylene	ND		4.0	ug/L			08/27/20 13:22	2
p-Isopropyltoluene	ND		2.0	ug/L			08/27/20 13:22	2
sec-Butylbenzene	ND		2.0	ug/L			08/27/20 13:22	2
Styrene	ND		2.0	ug/L			08/27/20 13:22	2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-6-GW
Date Collected: 08/21/20 08:30
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-13
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		2.0	ug/L			08/27/20 13:22	2
trans-1,3-Dichloropropene	ND		1.0	ug/L			08/27/20 13:22	2
Tert-amyl-methyl ether (TAME)	ND		4.0	ug/L			08/27/20 13:22	2
tert-Butyl alcohol (TBA)	ND		20	ug/L			08/27/20 13:22	2
tert-Butylbenzene	ND		2.0	ug/L			08/27/20 13:22	2
Tetrachloroethene	ND		2.0	ug/L			08/27/20 13:22	2
Toluene	ND		2.0	ug/L			08/27/20 13:22	2
Trichloroethene	ND		2.0	ug/L			08/27/20 13:22	2
Trichlorofluoromethane	ND		20	ug/L			08/27/20 13:22	2
Vinyl acetate	ND		20	ug/L			08/27/20 13:22	2
Vinyl chloride	ND		1.0	ug/L			08/27/20 13:22	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*80 - 129*		*08/27/20 13:22*	*2*
4-Bromofluorobenzene (Surr)	*104*		*77 - 120*		*08/27/20 13:22*	*2*
Dibromofluoromethane (Surr)	*99*		*80 - 128*		*08/27/20 13:22*	*2*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/27/20 13:22*	*2*

Client Sample ID: SB-3-GW
Date Collected: 08/21/20 09:30
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-14
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		4.0	ug/L			08/27/20 13:49	2
1,1,1-Trichloroethane	ND		2.0	ug/L			08/27/20 13:49	2
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			08/27/20 13:49	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	ug/L			08/27/20 13:49	2
1,1,2-Trichloroethane	ND		2.0	ug/L			08/27/20 13:49	2
1,1-Dichloroethane	ND		2.0	ug/L			08/27/20 13:49	2
1,1-Dichloroethene	ND		2.0	ug/L			08/27/20 13:49	2
1,1-Dichloropropene	ND		2.0	ug/L			08/27/20 13:49	2
1,2,3-Trichlorobenzene	ND		2.0	ug/L			08/27/20 13:49	2
1,2,3-Trichloropropane	ND		10	ug/L			08/27/20 13:49	2
1,2,4-Trichlorobenzene	ND		2.0	ug/L			08/27/20 13:49	2
1,2,4-Trimethylbenzene	ND		2.0	ug/L			08/27/20 13:49	2
1,2-Dibromo-3-Chloropropane	ND		20	ug/L			08/27/20 13:49	2
1,2-Dibromoethane	ND		2.0	ug/L			08/27/20 13:49	2
1,2-Dichlorobenzene	ND		2.0	ug/L			08/27/20 13:49	2
1,2-Dichloroethane	ND		1.0	ug/L			08/27/20 13:49	2
1,2-Dichloropropane	ND		2.0	ug/L			08/27/20 13:49	2
1,3,5-Trimethylbenzene	ND		2.0	ug/L			08/27/20 13:49	2
1,3-Dichlorobenzene	ND		2.0	ug/L			08/27/20 13:49	2
1,3-Dichloropropane	ND		2.0	ug/L			08/27/20 13:49	2
1,4-Dichlorobenzene	ND		2.0	ug/L			08/27/20 13:49	2
2,2-Dichloropropane	ND		2.0	ug/L			08/27/20 13:49	2
2-Butanone	ND		40	ug/L			08/27/20 13:49	2
2-Chlorotoluene	ND		2.0	ug/L			08/27/20 13:49	2
2-Hexanone	ND		20	ug/L			08/27/20 13:49	2
4-Chlorotoluene	ND		2.0	ug/L			08/27/20 13:49	2
4-Methyl-2-pentanone	ND		20	ug/L			08/27/20 13:49	2
Acetone	ND		40	ug/L			08/27/20 13:49	2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SB-3-GW
Date Collected: 08/21/20 09:30
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-14
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	ug/L			08/27/20 13:49	2
Bromobenzene	ND		2.0	ug/L			08/27/20 13:49	2
Bromochloromethane	ND		4.0	ug/L			08/27/20 13:49	2
Bromodichloromethane	ND		2.0	ug/L			08/27/20 13:49	2
Bromoform	ND		10	ug/L			08/27/20 13:49	2
Bromomethane	ND		100	ug/L			08/27/20 13:49	2
cis-1,2-Dichloroethene	ND		2.0	ug/L			08/27/20 13:49	2
cis-1,3-Dichloropropene	ND		1.0	ug/L			08/27/20 13:49	2
Carbon disulfide	ND		20	ug/L			08/27/20 13:49	2
Carbon tetrachloride	ND		1.0	ug/L			08/27/20 13:49	2
Chlorobenzene	ND		2.0	ug/L			08/27/20 13:49	2
Chloroethane	ND		10	ug/L			08/27/20 13:49	2
Chloroform	ND		2.0	ug/L			08/27/20 13:49	2
Chloromethane	ND		20	ug/L			08/27/20 13:49	2
Dibromochloromethane	ND		4.0	ug/L			08/27/20 13:49	2
Dibromomethane	ND		2.0	ug/L			08/27/20 13:49	2
Dichlorodifluoromethane	ND		10	ug/L			08/27/20 13:49	2
Di-isopropyl ether (DIPE)	ND		4.0	ug/L			08/27/20 13:49	2
Ethanol	ND		200	ug/L			08/27/20 13:49	2
Ethylbenzene	ND		2.0	ug/L			08/27/20 13:49	2
Ethyl-t-butyl ether (ETBE)	ND		4.0	ug/L			08/27/20 13:49	2
Isopropylbenzene	ND		2.0	ug/L			08/27/20 13:49	2
Methylene Chloride	ND		20	ug/L			08/27/20 13:49	2
Methyl-t-Butyl Ether (MTBE)	ND		2.0	ug/L			08/27/20 13:49	2
Naphthalene	ND		20	ug/L			08/27/20 13:49	2
n-Butylbenzene	ND		2.0	ug/L			08/27/20 13:49	2
N-Propylbenzene	ND		2.0	ug/L			08/27/20 13:49	2
o-Xylene	ND		2.0	ug/L			08/27/20 13:49	2
m,p-Xylene	ND		4.0	ug/L			08/27/20 13:49	2
p-Isopropyltoluene	ND		2.0	ug/L			08/27/20 13:49	2
sec-Butylbenzene	ND		2.0	ug/L			08/27/20 13:49	2
Styrene	ND		2.0	ug/L			08/27/20 13:49	2
trans-1,2-Dichloroethene	ND		2.0	ug/L			08/27/20 13:49	2
trans-1,3-Dichloropropene	ND		1.0	ug/L			08/27/20 13:49	2
Tert-amyl-methyl ether (TAME)	ND		4.0	ug/L			08/27/20 13:49	2
tert-Butyl alcohol (TBA)	ND		20	ug/L			08/27/20 13:49	2
tert-Butylbenzene	ND		2.0	ug/L			08/27/20 13:49	2
Tetrachloroethene	ND		2.0	ug/L			08/27/20 13:49	2
Toluene	ND		2.0	ug/L			08/27/20 13:49	2
Trichloroethene	ND		2.0	ug/L			08/27/20 13:49	2
Trichlorofluoromethane	ND		20	ug/L			08/27/20 13:49	2
Vinyl acetate	ND		20	ug/L			08/27/20 13:49	2
Vinyl chloride	ND		1.0	ug/L			08/27/20 13:49	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*80 - 129*		*08/27/20 13:49*	*2*
4-Bromofluorobenzene (Surr)	*104*		*77 - 120*		*08/27/20 13:49*	*2*
Dibromofluoromethane (Surr)	*99*		*80 - 128*		*08/27/20 13:49*	*2*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/27/20 13:49*	*2*

Method: 8270C SIM - PAHs (GC/MS SIM)

Client Sample ID: SS-6-5'
Date Collected: 08/21/20 07:30
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-1
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 13:00	1
2-Methylnaphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 13:00	1
Acenaphthene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 13:00	1
Acenaphthylene	ND	*	0.020	mg/Kg		08/25/20 10:00	08/26/20 13:00	1
Anthracene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 13:00	1
Benzo[g,h,i]perylene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 13:00	1
Benzo[k]fluoranthene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 13:00	1
Benzo[a]anthracene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 13:00	1
Benzo[a]pyrene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 13:00	1
Benzo[b]fluoranthene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 13:00	1
Chrysene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 13:00	1
Dibenz(a,h)anthracene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 13:00	1
Fluoranthene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 13:00	1
Fluorene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 13:00	1
Indeno[1,2,3-cd]pyrene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 13:00	1
Naphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 13:00	1
Phenanthrene	ND	F2	0.020	mg/Kg		08/25/20 10:00	08/26/20 13:00	1
Pyrene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 13:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*101*		*22 - 130*	*08/25/20 10:00*	*08/26/20 13:00*	*1*
Nitrobenzene-d5 (Surr)	*99*		*20 - 145*	*08/25/20 10:00*	*08/26/20 13:00*	*1*
p-Terphenyl-d14 (Surr)	*110*		*33 - 147*	*08/25/20 10:00*	*08/26/20 13:00*	*1*

Client Sample ID: SS-6-8'
Date Collected: 08/21/20 07:48
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-2
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 14:54	1
2-Methylnaphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 14:54	1
Acenaphthene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 14:54	1
Acenaphthylene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 14:54	1
Anthracene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 14:54	1
Benzo[g,h,i]perylene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 14:54	1
Benzo[k]fluoranthene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 14:54	1
Benzo[a]anthracene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 14:54	1
Benzo[a]pyrene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 14:54	1
Benzo[b]fluoranthene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 14:54	1
Chrysene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 14:54	1
Dibenz(a,h)anthracene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 14:54	1
Fluoranthene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 14:54	1
Fluorene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 14:54	1
Indeno[1,2,3-cd]pyrene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 14:54	1
Naphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 14:54	1
Phenanthrene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 14:54	1
Pyrene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 14:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*88*		*22 - 130*	*08/25/20 10:00*	*08/26/20 14:54*	*1*
Nitrobenzene-d5 (Surr)	*82*		*20 - 145*	*08/25/20 10:00*	*08/26/20 14:54*	*1*

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SS-6-8'
Date Collected: 08/21/20 07:48
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-2
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl-d14 (Surr)	*86*		*33 - 147*	*08/25/20 10:00*	*08/26/20 14:54*	*1*

Client Sample ID: SS-3-5'
Date Collected: 08/21/20 09:05
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-3
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 15:17	1
2-Methylnaphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 15:17	1
Acenaphthene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 15:17	1
Acenaphthylene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 15:17	1
Anthracene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 15:17	1
Benzo[g,h,i]perylene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 15:17	1
Benzo[k]fluoranthene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 15:17	1
Benzo[a]anthracene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 15:17	1
Benzo[a]pyrene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 15:17	1
Benzo[b]fluoranthene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 15:17	1
Chrysene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 15:17	1
Dibenz(a,h)anthracene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 15:17	1
Fluoranthene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 15:17	1
Fluorene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 15:17	1
Indeno[1,2,3-cd]pyrene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 15:17	1
Naphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 15:17	1
Phenanthrene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 15:17	1
Pyrene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 15:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	*88*		*22 - 130*	*08/25/20 10:00*	*08/26/20 15:17*	*1*
Nitrobenzene-d5 (Surr)	*82*		*20 - 145*	*08/25/20 10:00*	*08/26/20 15:17*	*1*
p-Terphenyl-d14 (Surr)	*86*		*33 - 147*	*08/25/20 10:00*	*08/26/20 15:17*	*1*

Client Sample ID: SS-3-8'
Date Collected: 08/21/20 09:15
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-4
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 15:41	1
2-Methylnaphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 15:41	1
Acenaphthene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 15:41	1
Acenaphthylene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 15:41	1
Anthracene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 15:41	1
Benzo[g,h,i]perylene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 15:41	1
Benzo[k]fluoranthene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 15:41	1
Benzo[a]anthracene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 15:41	1
Benzo[a]pyrene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 15:41	1
Benzo[b]fluoranthene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 15:41	1
Chrysene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 15:41	1
Dibenz(a,h)anthracene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 15:41	1
Fluoranthene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 15:41	1
Fluorene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 15:41	1
Indeno[1,2,3-cd]pyrene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 15:41	1
Naphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 15:41	1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SS-3-8'
Date Collected: 08/21/20 09:15
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-4
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 15:41	1
Pyrene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 15:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*77*		*22 - 130*	*08/25/20 10:00*	*08/26/20 15:41*	*1*
Nitrobenzene-d5 (Surr)	*73*		*20 - 145*	*08/25/20 10:00*	*08/26/20 15:41*	*1*
p-Terphenyl-d14 (Surr)	*80*		*33 - 147*	*08/25/20 10:00*	*08/26/20 15:41*	*1*

Client Sample ID: SS-1-5'
Date Collected: 08/21/20 10:25
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-5
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:04	1
2-Methylnaphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:04	1
Acenaphthene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:04	1
Acenaphthylene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:04	1
Anthracene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:04	1
Benzo[g,h,i]perylene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 16:04	1
Benzo[k]fluoranthene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 16:04	1
Benzo[a]anthracene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:04	1
Benzo[a]pyrene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 16:04	1
Benzo[b]fluoranthene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 16:04	1
Chrysene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:04	1
Dibenz(a,h)anthracene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 16:04	1
Fluoranthene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:04	1
Fluorene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:04	1
Indeno[1,2,3-cd]pyrene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 16:04	1
Naphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:04	1
Phenanthrene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:04	1
Pyrene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*91*		*22 - 130*	*08/25/20 10:00*	*08/26/20 16:04*	*1*
Nitrobenzene-d5 (Surr)	*88*		*20 - 145*	*08/25/20 10:00*	*08/26/20 16:04*	*1*
p-Terphenyl-d14 (Surr)	*89*		*33 - 147*	*08/25/20 10:00*	*08/26/20 16:04*	*1*

Client Sample ID: SS-1-8'
Date Collected: 08/21/20 10:35
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-6
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:27	1
2-Methylnaphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:27	1
Acenaphthene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:27	1
Acenaphthylene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:27	1
Anthracene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:27	1
Benzo[g,h,i]perylene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 16:27	1
Benzo[k]fluoranthene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 16:27	1
Benzo[a]anthracene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:27	1
Benzo[a]pyrene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 16:27	1
Benzo[b]fluoranthene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 16:27	1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SS-1-8'
Date Collected: 08/21/20 10:35
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-6
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:27	1
Dibenz(a,h)anthracene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 16:27	1
Fluoranthene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:27	1
Fluorene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:27	1
Indeno[1,2,3-cd]pyrene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 16:27	1
Naphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:27	1
Phenanthrene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:27	1
Pyrene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*78*		*22 - 130*	*08/25/20 10:00*	*08/26/20 16:27*	*1*
Nitrobenzene-d5 (Surr)	*74*		*20 - 145*	*08/25/20 10:00*	*08/26/20 16:27*	*1*
p-Terphenyl-d14 (Surr)	*76*		*33 - 147*	*08/25/20 10:00*	*08/26/20 16:27*	*1*

Client Sample ID: SS-2-5'
Date Collected: 08/21/20 11:00
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-7
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:50	1
2-Methylnaphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:50	1
Acenaphthene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:50	1
Acenaphthylene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:50	1
Anthracene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:50	1
Benzo[g,h,i]perylene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 16:50	1
Benzo[k]fluoranthene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 16:50	1
Benzo[a]anthracene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:50	1
Benzo[a]pyrene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 16:50	1
Benzo[b]fluoranthene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 16:50	1
Chrysene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:50	1
Dibenz(a,h)anthracene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 16:50	1
Fluoranthene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:50	1
Fluorene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:50	1
Indeno[1,2,3-cd]pyrene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 16:50	1
Naphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:50	1
Phenanthrene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:50	1
Pyrene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*89*		*22 - 130*	*08/25/20 10:00*	*08/26/20 16:50*	*1*
Nitrobenzene-d5 (Surr)	*87*		*20 - 145*	*08/25/20 10:00*	*08/26/20 16:50*	*1*
p-Terphenyl-d14 (Surr)	*93*		*33 - 147*	*08/25/20 10:00*	*08/26/20 16:50*	*1*

Client Sample ID: SS-2-8'
Date Collected: 08/21/20 11:15
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-8
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 17:13	1
2-Methylnaphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 17:13	1
Acenaphthene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 17:13	1
Acenaphthylene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 17:13	1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SS-2-8'
Date Collected: 08/21/20 11:15
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-8
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 17:13	1
Benzo[g,h,i]perylene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 17:13	1
Benzo[k]fluoranthene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 17:13	1
Benzo[a]anthracene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 17:13	1
Benzo[a]pyrene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 17:13	1
Benzo[b]fluoranthene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 17:13	1
Chrysene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 17:13	1
Dibenz(a,h)anthracene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 17:13	1
Fluoranthene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 17:13	1
Fluorene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 17:13	1
Indeno[1,2,3-cd]pyrene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 17:13	1
Naphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 17:13	1
Phenanthrene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 17:13	1
Pyrene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 17:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*88*		*22 - 130*	*08/25/20 10:00*	*08/26/20 17:13*	*1*
Nitrobenzene-d5 (Surr)	*84*		*20 - 145*	*08/25/20 10:00*	*08/26/20 17:13*	*1*
p-Terphenyl-d14 (Surr)	*88*		*33 - 147*	*08/25/20 10:00*	*08/26/20 17:13*	*1*

Client Sample ID: SS-5-5'
Date Collected: 08/21/20 11:40
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-9
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 17:36	1
2-Methylnaphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 17:36	1
Acenaphthene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 17:36	1
Acenaphthylene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 17:36	1
Anthracene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 17:36	1
Benzo[g,h,i]perylene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 17:36	1
Benzo[k]fluoranthene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 17:36	1
Benzo[a]anthracene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 17:36	1
Benzo[a]pyrene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 17:36	1
Benzo[b]fluoranthene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 17:36	1
Chrysene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 17:36	1
Dibenz(a,h)anthracene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 17:36	1
Fluoranthene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 17:36	1
Fluorene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 17:36	1
Indeno[1,2,3-cd]pyrene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 17:36	1
Naphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 17:36	1
Phenanthrene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 17:36	1
Pyrene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*100*		*22 - 130*	*08/25/20 10:00*	*08/26/20 17:36*	*1*
Nitrobenzene-d5 (Surr)	*97*		*20 - 145*	*08/25/20 10:00*	*08/26/20 17:36*	*1*
p-Terphenyl-d14 (Surr)	*94*		*33 - 147*	*08/25/20 10:00*	*08/26/20 17:36*	*1*

Method: 8270C SIM - PAHs (GC/MS SIM)

Client Sample ID: SS-5-8'
Date Collected: 08/21/20 11:50
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-10
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	4.1		0.99	mg/Kg		08/25/20 10:00	08/26/20 17:59	10
2-Methylnaphthalene	3.6		0.99	mg/Kg		08/25/20 10:00	08/26/20 17:59	10
Acenaphthene	1.2		0.99	mg/Kg		08/25/20 10:00	08/26/20 17:59	10
Acenaphthylene	ND		0.99	mg/Kg		08/25/20 10:00	08/26/20 17:59	10
Anthracene	1.5		0.99	mg/Kg		08/25/20 10:00	08/26/20 17:59	10
Benzo[g,h,i]perylene	5.3	*1	0.99	mg/Kg		08/25/20 10:00	08/26/20 17:59	10
Benzo[k]fluoranthene	2.0	*1	0.99	mg/Kg		08/25/20 10:00	08/26/20 17:59	10
Benzo[a]anthracene	5.8		0.99	mg/Kg		08/25/20 10:00	08/26/20 17:59	10
Benzo[a]pyrene	3.7	*1	0.99	mg/Kg		08/25/20 10:00	08/26/20 17:59	10
Benzo[b]fluoranthene	2.5	*1	0.99	mg/Kg		08/25/20 10:00	08/26/20 17:59	10
Chrysene	9.8		0.99	mg/Kg		08/25/20 10:00	08/26/20 17:59	10
Dibenz(a,h)anthracene	ND	*1	0.99	mg/Kg		08/25/20 10:00	08/26/20 17:59	10
Fluoranthene	2.9		0.99	mg/Kg		08/25/20 10:00	08/26/20 17:59	10
Fluorene	2.6		0.99	mg/Kg		08/25/20 10:00	08/26/20 17:59	10
Indeno[1,2,3-cd]pyrene	1.4	*1	0.99	mg/Kg		08/25/20 10:00	08/26/20 17:59	10
Naphthalene	ND		0.99	mg/Kg		08/25/20 10:00	08/26/20 17:59	10
Phenanthrene	14		0.99	mg/Kg		08/25/20 10:00	08/26/20 17:59	10
Pyrene	18		0.99	mg/Kg		08/25/20 10:00	08/26/20 17:59	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*125*		*22 - 130*	*08/25/20 10:00*	*08/26/20 17:59*	*10*
Nitrobenzene-d5 (Surr)	*91*		*20 - 145*	*08/25/20 10:00*	*08/26/20 17:59*	*10*
p-Terphenyl-d14 (Surr)	*128*		*33 - 147*	*08/25/20 10:00*	*08/26/20 17:59*	*10*

Client Sample ID: SS-4-5'
Date Collected: 08/21/20 13:00
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-11
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 18:23	1
2-Methylnaphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 18:23	1
Acenaphthene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 18:23	1
Acenaphthylene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 18:23	1
Anthracene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 18:23	1
Benzo[g,h,i]perylene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 18:23	1
Benzo[k]fluoranthene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 18:23	1
Benzo[a]anthracene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 18:23	1
Benzo[a]pyrene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 18:23	1
Benzo[b]fluoranthene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 18:23	1
Chrysene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 18:23	1
Dibenz(a,h)anthracene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 18:23	1
Fluoranthene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 18:23	1
Fluorene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 18:23	1
Indeno[1,2,3-cd]pyrene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 18:23	1
Naphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 18:23	1
Phenanthrene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 18:23	1
Pyrene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*89*		*22 - 130*	*08/25/20 10:00*	*08/26/20 18:23*	*1*
Nitrobenzene-d5 (Surr)	*83*		*20 - 145*	*08/25/20 10:00*	*08/26/20 18:23*	*1*

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SS-4-5'
Date Collected: 08/21/20 13:00
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-11
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*87*		*33 - 147*	*08/25/20 10:00*	*08/26/20 18:23*	*1*

Client Sample ID: SS-4-8'
Date Collected: 08/21/20 13:10
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-12
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.024**		0.020	mg/Kg		08/25/20 10:00	08/26/20 18:46	1
2-Methylnaphthalene	**0.024**		0.020	mg/Kg		08/25/20 10:00	08/26/20 18:46	1
Acenaphthene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 18:46	1
Acenaphthylene	**0.027**		0.020	mg/Kg		08/25/20 10:00	08/26/20 18:46	1
Anthracene	**0.039**		0.020	mg/Kg		08/25/20 10:00	08/26/20 18:46	1
Benzo[g,h,i]perylene	**0.046**	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 18:46	1
Benzo[k]fluoranthene	**0.054**	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 18:46	1
Benzo[a]anthracene	**0.065**		0.020	mg/Kg		08/25/20 10:00	08/26/20 18:46	1
Benzo[a]pyrene	**0.072**	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 18:46	1
Benzo[b]fluoranthene	**0.057**	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 18:46	1
Chrysene	**0.091**		0.020	mg/Kg		08/25/20 10:00	08/26/20 18:46	1
Dibenz(a,h)anthracene	ND	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 18:46	1
Fluoranthene	**0.12**		0.020	mg/Kg		08/25/20 10:00	08/26/20 18:46	1
Fluorene	**0.030**		0.020	mg/Kg		08/25/20 10:00	08/26/20 18:46	1
Indeno[1,2,3-cd]pyrene	**0.035**	*1	0.020	mg/Kg		08/25/20 10:00	08/26/20 18:46	1
Naphthalene	**0.032**		0.020	mg/Kg		08/25/20 10:00	08/26/20 18:46	1
Phenanthrene	**0.18**		0.020	mg/Kg		08/25/20 10:00	08/26/20 18:46	1
Pyrene	**0.17**		0.020	mg/Kg		08/25/20 10:00	08/26/20 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*51*		*22 - 130*	*08/25/20 10:00*	*08/26/20 18:46*	*1*
Nitrobenzene-d5 (Surr)	*46*		*20 - 145*	*08/25/20 10:00*	*08/26/20 18:46*	*1*
p-Terphenyl-d14 (Surr)	*48*		*33 - 147*	*08/25/20 10:00*	*08/26/20 18:46*	*1*

Client Sample ID: SB-6-GW
Date Collected: 08/21/20 08:30
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-13
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 17:59	1
2-Methylnaphthalene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 17:59	1
Acenaphthene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 17:59	1
Acenaphthylene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 17:59	1
Anthracene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 17:59	1
Benzo[g,h,i]perylene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 17:59	1
Benzo[k]fluoranthene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 17:59	1
Benzo[a]anthracene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 17:59	1
Benzo[a]pyrene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 17:59	1
Benzo[b]fluoranthene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 17:59	1
Chrysene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 17:59	1
Dibenz(a,h)anthracene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 17:59	1
Fluoranthene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 17:59	1
Fluorene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 17:59	1
Indeno[1,2,3-cd]pyrene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 17:59	1
Naphthalene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 17:59	1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SB-6-GW
Date Collected: 08/21/20 08:30
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-13
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 17:59	1
Pyrene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*67*		*33 - 144*	*08/25/20 16:13*	*08/26/20 17:59*	*1*
Nitrobenzene-d5 (Surr)	*46*		*28 - 139*	*08/25/20 16:13*	*08/26/20 17:59*	*1*
p-Terphenyl-d14 (Surr)	*72*		*23 - 160*	*08/25/20 16:13*	*08/26/20 17:59*	*1*

Client Sample ID: SB-3-GW
Date Collected: 08/21/20 09:30
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-14
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.35**		0.24	ug/L		08/25/20 16:13	08/26/20 18:19	1
2-Methylnaphthalene	**0.27**		0.24	ug/L		08/25/20 16:13	08/26/20 18:19	1
Acenaphthene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 18:19	1
Acenaphthylene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 18:19	1
Anthracene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 18:19	1
Benzo[g,h,i]perylene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 18:19	1
Benzo[k]fluoranthene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 18:19	1
Benzo[a]anthracene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 18:19	1
Benzo[a]pyrene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 18:19	1
Benzo[b]fluoranthene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 18:19	1
Chrysene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 18:19	1
Dibenz(a,h)anthracene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 18:19	1
Fluoranthene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 18:19	1
Fluorene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 18:19	1
Indeno[1,2,3-cd]pyrene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 18:19	1
Naphthalene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 18:19	1
Phenanthrene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 18:19	1
Pyrene	ND		0.24	ug/L		08/25/20 16:13	08/26/20 18:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*69*		*33 - 144*	*08/25/20 16:13*	*08/26/20 18:19*	*1*
Nitrobenzene-d5 (Surr)	*46*		*28 - 139*	*08/25/20 16:13*	*08/26/20 18:19*	*1*
p-Terphenyl-d14 (Surr)	*73*		*23 - 160*	*08/25/20 16:13*	*08/26/20 18:19*	*1*

Client: Geosyntec Consultants, Inc.
Project/Site: PMG - San Pedro/ HPA1071

Job ID: 570-36547-1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SS-6-5'
Date Collected: 08/21/20 07:30
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-1
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	mg/Kg		08/26/20 11:27	08/26/20 21:41	1
C7 as C7	ND		4.9	mg/Kg		08/26/20 11:27	08/26/20 21:41	1
C8 as C8	ND		4.9	mg/Kg		08/26/20 11:27	08/26/20 21:41	1
C9-C10	ND		4.9	mg/Kg		08/26/20 11:27	08/26/20 21:41	1
C11-C12	ND		4.9	mg/Kg		08/26/20 11:27	08/26/20 21:41	1
C13-C14	ND		4.9	mg/Kg		08/26/20 11:27	08/26/20 21:41	1
C15-C16	ND		4.9	mg/Kg		08/26/20 11:27	08/26/20 21:41	1
C17-C18	ND		4.9	mg/Kg		08/26/20 11:27	08/26/20 21:41	1
C19-C20	ND		4.9	mg/Kg		08/26/20 11:27	08/26/20 21:41	1
C21-C22	ND		4.9	mg/Kg		08/26/20 11:27	08/26/20 21:41	1
C23-C24	ND		4.9	mg/Kg		08/26/20 11:27	08/26/20 21:41	1
C25-C28	**12**		4.9	mg/Kg		08/26/20 11:27	08/26/20 21:41	1
C29-C32	ND		4.9	mg/Kg		08/26/20 11:27	08/26/20 21:41	1
C33-C36	**12**		4.9	mg/Kg		08/26/20 11:27	08/26/20 21:41	1
C37-C40	**6.2**		4.9	mg/Kg		08/26/20 11:27	08/26/20 21:41	1
C41-C44	ND		4.9	mg/Kg		08/26/20 11:27	08/26/20 21:41	1
C6-C44	**59**		4.9	mg/Kg		08/26/20 11:27	08/26/20 21:41	1
Diesel Range Organics [C10-C28]	**19**		4.9	mg/Kg		08/26/20 11:27	08/26/20 21:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*94*		*61 - 145*	*08/26/20 11:27*	*08/26/20 21:41*	*1*

Client Sample ID: SS-6-8'
Date Collected: 08/21/20 07:48
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-2
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.7	mg/Kg		08/26/20 11:27	08/26/20 22:25	1
C7 as C7	ND		4.7	mg/Kg		08/26/20 11:27	08/26/20 22:25	1
C8 as C8	ND		4.7	mg/Kg		08/26/20 11:27	08/26/20 22:25	1
C9-C10	ND		4.7	mg/Kg		08/26/20 11:27	08/26/20 22:25	1
C11-C12	ND		4.7	mg/Kg		08/26/20 11:27	08/26/20 22:25	1
C13-C14	ND		4.7	mg/Kg		08/26/20 11:27	08/26/20 22:25	1
C15-C16	ND		4.7	mg/Kg		08/26/20 11:27	08/26/20 22:25	1
C17-C18	ND		4.7	mg/Kg		08/26/20 11:27	08/26/20 22:25	1
C19-C20	ND		4.7	mg/Kg		08/26/20 11:27	08/26/20 22:25	1
C21-C22	ND		4.7	mg/Kg		08/26/20 11:27	08/26/20 22:25	1
C23-C24	ND		4.7	mg/Kg		08/26/20 11:27	08/26/20 22:25	1
C25-C28	ND		4.7	mg/Kg		08/26/20 11:27	08/26/20 22:25	1
C29-C32	ND		4.7	mg/Kg		08/26/20 11:27	08/26/20 22:25	1
C33-C36	ND		4.7	mg/Kg		08/26/20 11:27	08/26/20 22:25	1
C37-C40	ND		4.7	mg/Kg		08/26/20 11:27	08/26/20 22:25	1
C41-C44	ND		4.7	mg/Kg		08/26/20 11:27	08/26/20 22:25	1
C6-C44	**15**		4.7	mg/Kg		08/26/20 11:27	08/26/20 22:25	1
Diesel Range Organics [C10-C28]	**7.0**		4.7	mg/Kg		08/26/20 11:27	08/26/20 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*98*		*61 - 145*	*08/26/20 11:27*	*08/26/20 22:25*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SS-3-5'
Date Collected: 08/21/20 09:05
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-3
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.8	mg/Kg		08/26/20 11:27	08/26/20 22:48	1
C7 as C7	ND		4.8	mg/Kg		08/26/20 11:27	08/26/20 22:48	1
C8 as C8	ND		4.8	mg/Kg		08/26/20 11:27	08/26/20 22:48	1
C9-C10	ND		4.8	mg/Kg		08/26/20 11:27	08/26/20 22:48	1
C11-C12	ND		4.8	mg/Kg		08/26/20 11:27	08/26/20 22:48	1
C13-C14	ND		4.8	mg/Kg		08/26/20 11:27	08/26/20 22:48	1
C15-C16	ND		4.8	mg/Kg		08/26/20 11:27	08/26/20 22:48	1
C17-C18	ND		4.8	mg/Kg		08/26/20 11:27	08/26/20 22:48	1
C19-C20	ND		4.8	mg/Kg		08/26/20 11:27	08/26/20 22:48	1
C21-C22	ND		4.8	mg/Kg		08/26/20 11:27	08/26/20 22:48	1
C23-C24	ND		4.8	mg/Kg		08/26/20 11:27	08/26/20 22:48	1
C25-C28	ND		4.8	mg/Kg		08/26/20 11:27	08/26/20 22:48	1
C29-C32	ND		4.8	mg/Kg		08/26/20 11:27	08/26/20 22:48	1
C33-C36	ND		4.8	mg/Kg		08/26/20 11:27	08/26/20 22:48	1
C37-C40	ND		4.8	mg/Kg		08/26/20 11:27	08/26/20 22:48	1
C41-C44	ND		4.8	mg/Kg		08/26/20 11:27	08/26/20 22:48	1
C6-C44	**11**		4.8	mg/Kg		08/26/20 11:27	08/26/20 22:48	1
Diesel Range Organics [C10-C28]	ND		4.8	mg/Kg		08/26/20 11:27	08/26/20 22:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*98*		*61 - 145*	*08/26/20 11:27*	*08/26/20 22:48*	*1*

Client Sample ID: SS-3-8'
Date Collected: 08/21/20 09:15
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-4
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.1	mg/Kg		08/26/20 11:27	08/26/20 23:11	1
C7 as C7	ND		5.1	mg/Kg		08/26/20 11:27	08/26/20 23:11	1
C8 as C8	ND		5.1	mg/Kg		08/26/20 11:27	08/26/20 23:11	1
C9-C10	ND		5.1	mg/Kg		08/26/20 11:27	08/26/20 23:11	1
C11-C12	ND		5.1	mg/Kg		08/26/20 11:27	08/26/20 23:11	1
C13-C14	ND		5.1	mg/Kg		08/26/20 11:27	08/26/20 23:11	1
C15-C16	ND		5.1	mg/Kg		08/26/20 11:27	08/26/20 23:11	1
C17-C18	ND		5.1	mg/Kg		08/26/20 11:27	08/26/20 23:11	1
C19-C20	ND		5.1	mg/Kg		08/26/20 11:27	08/26/20 23:11	1
C21-C22	ND		5.1	mg/Kg		08/26/20 11:27	08/26/20 23:11	1
C23-C24	ND		5.1	mg/Kg		08/26/20 11:27	08/26/20 23:11	1
C25-C28	**5.7**		5.1	mg/Kg		08/26/20 11:27	08/26/20 23:11	1
C29-C32	ND		5.1	mg/Kg		08/26/20 11:27	08/26/20 23:11	1
C33-C36	ND		5.1	mg/Kg		08/26/20 11:27	08/26/20 23:11	1
C37-C40	ND		5.1	mg/Kg		08/26/20 11:27	08/26/20 23:11	1
C41-C44	ND		5.1	mg/Kg		08/26/20 11:27	08/26/20 23:11	1
C6-C44	**25**		5.1	mg/Kg		08/26/20 11:27	08/26/20 23:11	1
Diesel Range Organics [C10-C28]	**10**		5.1	mg/Kg		08/26/20 11:27	08/26/20 23:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*98*		*61 - 145*	*08/26/20 11:27*	*08/26/20 23:11*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SS-1-5'
Date Collected: 08/21/20 10:25
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-5
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 23:34	1
C7 as C7	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 23:34	1
C8 as C8	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 23:34	1
C9-C10	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 23:34	1
C11-C12	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 23:34	1
C13-C14	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 23:34	1
C15-C16	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 23:34	1
C17-C18	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 23:34	1
C19-C20	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 23:34	1
C21-C22	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 23:34	1
C23-C24	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 23:34	1
C25-C28	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 23:34	1
C29-C32	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 23:34	1
C33-C36	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 23:34	1
C37-C40	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 23:34	1
C41-C44	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 23:34	1
C6-C44	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 23:34	1
Diesel Range Organics [C10-C28]	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 23:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*93*		*61 - 145*	*08/26/20 11:27*	*08/26/20 23:34*	*1*

Client Sample ID: SS-1-8'
Date Collected: 08/21/20 10:35
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-6
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	mg/Kg		08/26/20 11:27	08/26/20 23:56	1
C7 as C7	ND		4.9	mg/Kg		08/26/20 11:27	08/26/20 23:56	1
C8 as C8	ND		4.9	mg/Kg		08/26/20 11:27	08/26/20 23:56	1
C9-C10	ND		4.9	mg/Kg		08/26/20 11:27	08/26/20 23:56	1
C11-C12	ND		4.9	mg/Kg		08/26/20 11:27	08/26/20 23:56	1
C13-C14	ND		4.9	mg/Kg		08/26/20 11:27	08/26/20 23:56	1
C15-C16	ND		4.9	mg/Kg		08/26/20 11:27	08/26/20 23:56	1
C17-C18	ND		4.9	mg/Kg		08/26/20 11:27	08/26/20 23:56	1
C19-C20	ND		4.9	mg/Kg		08/26/20 11:27	08/26/20 23:56	1
C21-C22	ND		4.9	mg/Kg		08/26/20 11:27	08/26/20 23:56	1
C23-C24	ND		4.9	mg/Kg		08/26/20 11:27	08/26/20 23:56	1
C25-C28	ND		4.9	mg/Kg		08/26/20 11:27	08/26/20 23:56	1
C29-C32	ND		4.9	mg/Kg		08/26/20 11:27	08/26/20 23:56	1
C33-C36	ND		4.9	mg/Kg		08/26/20 11:27	08/26/20 23:56	1
C37-C40	ND		4.9	mg/Kg		08/26/20 11:27	08/26/20 23:56	1
C41-C44	ND		4.9	mg/Kg		08/26/20 11:27	08/26/20 23:56	1
C6-C44	ND		4.9	mg/Kg		08/26/20 11:27	08/26/20 23:56	1
Diesel Range Organics [C10-C28]	ND		4.9	mg/Kg		08/26/20 11:27	08/26/20 23:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*94*		*61 - 145*	*08/26/20 11:27*	*08/26/20 23:56*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SS-2-5'
Date Collected: 08/21/20 11:00
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-7
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.7	mg/Kg		08/26/20 11:27	08/27/20 00:19	1
C7 as C7	ND		4.7	mg/Kg		08/26/20 11:27	08/27/20 00:19	1
C8 as C8	ND		4.7	mg/Kg		08/26/20 11:27	08/27/20 00:19	1
C9-C10	ND		4.7	mg/Kg		08/26/20 11:27	08/27/20 00:19	1
C11-C12	ND		4.7	mg/Kg		08/26/20 11:27	08/27/20 00:19	1
C13-C14	ND		4.7	mg/Kg		08/26/20 11:27	08/27/20 00:19	1
C15-C16	ND		4.7	mg/Kg		08/26/20 11:27	08/27/20 00:19	1
C17-C18	ND		4.7	mg/Kg		08/26/20 11:27	08/27/20 00:19	1
C19-C20	ND		4.7	mg/Kg		08/26/20 11:27	08/27/20 00:19	1
C21-C22	ND		4.7	mg/Kg		08/26/20 11:27	08/27/20 00:19	1
C23-C24	ND		4.7	mg/Kg		08/26/20 11:27	08/27/20 00:19	1
C25-C28	**5.8**		4.7	mg/Kg		08/26/20 11:27	08/27/20 00:19	1
C29-C32	ND		4.7	mg/Kg		08/26/20 11:27	08/27/20 00:19	1
C33-C36	**5.1**		4.7	mg/Kg		08/26/20 11:27	08/27/20 00:19	1
C37-C40	ND		4.7	mg/Kg		08/26/20 11:27	08/27/20 00:19	1
C41-C44	ND		4.7	mg/Kg		08/26/20 11:27	08/27/20 00:19	1
C6-C44	**28**		4.7	mg/Kg		08/26/20 11:27	08/27/20 00:19	1
Diesel Range Organics [C10-C28]	**8.8**		4.7	mg/Kg		08/26/20 11:27	08/27/20 00:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*95*		*61 - 145*	*08/26/20 11:27*	*08/27/20 00:19*	*1*

Client Sample ID: SS-2-8'
Date Collected: 08/21/20 11:15
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-8
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 00:43	1
C7 as C7	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 00:43	1
C8 as C8	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 00:43	1
C9-C10	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 00:43	1
C11-C12	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 00:43	1
C13-C14	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 00:43	1
C15-C16	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 00:43	1
C17-C18	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 00:43	1
C19-C20	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 00:43	1
C21-C22	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 00:43	1
C23-C24	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 00:43	1
C25-C28	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 00:43	1
C29-C32	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 00:43	1
C33-C36	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 00:43	1
C37-C40	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 00:43	1
C41-C44	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 00:43	1
C6-C44	**19**		4.8	mg/Kg		08/26/20 11:27	08/27/20 00:43	1
Diesel Range Organics [C10-C28]	**6.4**		4.8	mg/Kg		08/26/20 11:27	08/27/20 00:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*101*		*61 - 145*	*08/26/20 11:27*	*08/27/20 00:43*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SS-5-5'
Date Collected: 08/21/20 11:40
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-9
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:04	1
C7 as C7	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:04	1
C8 as C8	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:04	1
C9-C10	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:04	1
C11-C12	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:04	1
C13-C14	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:04	1
C15-C16	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:04	1
C17-C18	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:04	1
C19-C20	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:04	1
C21-C22	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:04	1
C23-C24	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:04	1
C25-C28	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:04	1
C29-C32	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:04	1
C33-C36	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:04	1
C37-C40	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:04	1
C41-C44	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:04	1
C6-C44	**16**		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:04	1
Diesel Range Organics [C10-C28]	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*96*		*61 - 145*	*08/26/20 11:27*	*08/27/20 01:04*	*1*

Client Sample ID: SS-5-8'
Date Collected: 08/21/20 11:50
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-10
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		100	mg/Kg		08/26/20 11:27	08/27/20 12:22	20
C7 as C7	ND		100	mg/Kg		08/26/20 11:27	08/27/20 12:22	20
C8 as C8	ND		100	mg/Kg		08/26/20 11:27	08/27/20 12:22	20
C9-C10	ND		100	mg/Kg		08/26/20 11:27	08/27/20 12:22	20
C11-C12	ND		100	mg/Kg		08/26/20 11:27	08/27/20 12:22	20
C13-C14	**260**		100	mg/Kg		08/26/20 11:27	08/27/20 12:22	20
C15-C16	**640**		100	mg/Kg		08/26/20 11:27	08/27/20 12:22	20
C17-C18	**1200**		100	mg/Kg		08/26/20 11:27	08/27/20 12:22	20
C19-C20	**1600**		100	mg/Kg		08/26/20 11:27	08/27/20 12:22	20
C21-C22	**2300**		100	mg/Kg		08/26/20 11:27	08/27/20 12:22	20
C23-C24	**2000**		100	mg/Kg		08/26/20 11:27	08/27/20 12:22	20
C25-C28	**4400**		100	mg/Kg		08/26/20 11:27	08/27/20 12:22	20
C29-C32	**3000**		100	mg/Kg		08/26/20 11:27	08/27/20 12:22	20
C33-C36	**1000**		100	mg/Kg		08/26/20 11:27	08/27/20 12:22	20
C37-C40	**430**		100	mg/Kg		08/26/20 11:27	08/27/20 12:22	20
C41-C44	**120**		100	mg/Kg		08/26/20 11:27	08/27/20 12:22	20
C6-C44	**17000**		100	mg/Kg		08/26/20 11:27	08/27/20 12:22	20
Diesel Range Organics [C10-C28]	**12000**		100	mg/Kg		08/26/20 11:27	08/27/20 12:22	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*183*	*X*	*61 - 145*	*08/26/20 11:27*	*08/27/20 12:22*	*20*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SS-4-5'
Date Collected: 08/21/20 13:00
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-11
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:50	1
C7 as C7	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:50	1
C8 as C8	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:50	1
C9-C10	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:50	1
C11-C12	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:50	1
C13-C14	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:50	1
C15-C16	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:50	1
C17-C18	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:50	1
C19-C20	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:50	1
C21-C22	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:50	1
C23-C24	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:50	1
C25-C28	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:50	1
C29-C32	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:50	1
C33-C36	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:50	1
C37-C40	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:50	1
C41-C44	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:50	1
C6-C44	**6.9**		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:50	1
Diesel Range Organics [C10-C28]	ND		4.8	mg/Kg		08/26/20 11:27	08/27/20 01:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*95*		*61 - 145*	*08/26/20 11:27*	*08/27/20 01:50*	*1*

Client Sample ID: SS-4-8'
Date Collected: 08/21/20 13:10
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-12
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.7	mg/Kg		08/26/20 11:27	08/27/20 02:13	1
C7 as C7	ND		4.7	mg/Kg		08/26/20 11:27	08/27/20 02:13	1
C8 as C8	ND		4.7	mg/Kg		08/26/20 11:27	08/27/20 02:13	1
C9-C10	ND		4.7	mg/Kg		08/26/20 11:27	08/27/20 02:13	1
C11-C12	ND		4.7	mg/Kg		08/26/20 11:27	08/27/20 02:13	1
C13-C14	ND		4.7	mg/Kg		08/26/20 11:27	08/27/20 02:13	1
C15-C16	ND		4.7	mg/Kg		08/26/20 11:27	08/27/20 02:13	1
C17-C18	ND		4.7	mg/Kg		08/26/20 11:27	08/27/20 02:13	1
C19-C20	ND		4.7	mg/Kg		08/26/20 11:27	08/27/20 02:13	1
C21-C22	ND		4.7	mg/Kg		08/26/20 11:27	08/27/20 02:13	1
C23-C24	ND		4.7	mg/Kg		08/26/20 11:27	08/27/20 02:13	1
C25-C28	ND		4.7	mg/Kg		08/26/20 11:27	08/27/20 02:13	1
C29-C32	ND		4.7	mg/Kg		08/26/20 11:27	08/27/20 02:13	1
C33-C36	ND		4.7	mg/Kg		08/26/20 11:27	08/27/20 02:13	1
C37-C40	ND		4.7	mg/Kg		08/26/20 11:27	08/27/20 02:13	1
C41-C44	ND		4.7	mg/Kg		08/26/20 11:27	08/27/20 02:13	1
C6-C44	**8.7**		4.7	mg/Kg		08/26/20 11:27	08/27/20 02:13	1
Diesel Range Organics [C10-C28]	ND		4.7	mg/Kg		08/26/20 11:27	08/27/20 02:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*104*		*61 - 145*	*08/26/20 11:27*	*08/27/20 02:13*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SB-6-GW
Date Collected: 08/21/20 08:30
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-13
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		50	ug/L		08/26/20 09:39	08/26/20 23:03	1
C7 as C7	ND		50	ug/L		08/26/20 09:39	08/26/20 23:03	1
C8 as C8	ND		50	ug/L		08/26/20 09:39	08/26/20 23:03	1
C9-C10	ND		50	ug/L		08/26/20 09:39	08/26/20 23:03	1
C11-C12	ND		50	ug/L		08/26/20 09:39	08/26/20 23:03	1
C13-C14	ND		50	ug/L		08/26/20 09:39	08/26/20 23:03	1
C15-C16	ND		50	ug/L		08/26/20 09:39	08/26/20 23:03	1
C17-C18	ND		50	ug/L		08/26/20 09:39	08/26/20 23:03	1
C19-C20	ND		50	ug/L		08/26/20 09:39	08/26/20 23:03	1
C21-C22	ND		50	ug/L		08/26/20 09:39	08/26/20 23:03	1
C23-C24	ND		50	ug/L		08/26/20 09:39	08/26/20 23:03	1
C25-C28	ND		50	ug/L		08/26/20 09:39	08/26/20 23:03	1
C29-C32	ND		50	ug/L		08/26/20 09:39	08/26/20 23:03	1
C33-C36	ND		50	ug/L		08/26/20 09:39	08/26/20 23:03	1
C37-C40	ND		50	ug/L		08/26/20 09:39	08/26/20 23:03	1
C41-C44	ND		50	ug/L		08/26/20 09:39	08/26/20 23:03	1
C6-C44	**280**		50	ug/L		08/26/20 09:39	08/26/20 23:03	1
Diesel Range Organics [C10-C28]	**280**		50	ug/L		08/26/20 09:39	08/26/20 23:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*113*		*68 - 140*	*08/26/20 09:39*	*08/26/20 23:03*	*1*

Client Sample ID: SB-3-GW
Date Collected: 08/21/20 09:30
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-14
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		50	ug/L		08/26/20 09:39	08/26/20 23:25	1
C7 as C7	ND		50	ug/L		08/26/20 09:39	08/26/20 23:25	1
C8 as C8	ND		50	ug/L		08/26/20 09:39	08/26/20 23:25	1
C9-C10	ND		50	ug/L		08/26/20 09:39	08/26/20 23:25	1
C11-C12	ND		50	ug/L		08/26/20 09:39	08/26/20 23:25	1
C13-C14	ND		50	ug/L		08/26/20 09:39	08/26/20 23:25	1
C15-C16	ND		50	ug/L		08/26/20 09:39	08/26/20 23:25	1
C17-C18	ND		50	ug/L		08/26/20 09:39	08/26/20 23:25	1
C19-C20	ND		50	ug/L		08/26/20 09:39	08/26/20 23:25	1
C21-C22	ND		50	ug/L		08/26/20 09:39	08/26/20 23:25	1
C23-C24	ND		50	ug/L		08/26/20 09:39	08/26/20 23:25	1
C25-C28	**75**		50	ug/L		08/26/20 09:39	08/26/20 23:25	1
C29-C32	ND		50	ug/L		08/26/20 09:39	08/26/20 23:25	1
C33-C36	ND		50	ug/L		08/26/20 09:39	08/26/20 23:25	1
C37-C40	ND		50	ug/L		08/26/20 09:39	08/26/20 23:25	1
C41-C44	ND		50	ug/L		08/26/20 09:39	08/26/20 23:25	1
C6-C44	**310**		50	ug/L		08/26/20 09:39	08/26/20 23:25	1
Diesel Range Organics [C10-C28]	**290**		50	ug/L		08/26/20 09:39	08/26/20 23:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*110*		*68 - 140*	*08/26/20 09:39*	*08/26/20 23:25*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: SS-6-8'
Date Collected: 08/21/20 07:48
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-2
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	ug/Kg		08/25/20 07:33	08/26/20 12:55	1
Aroclor-1221	ND		50	ug/Kg		08/25/20 07:33	08/26/20 12:55	1
Aroclor-1232	ND		50	ug/Kg		08/25/20 07:33	08/26/20 12:55	1
Aroclor-1242	ND		50	ug/Kg		08/25/20 07:33	08/26/20 12:55	1
Aroclor-1248	ND		50	ug/Kg		08/25/20 07:33	08/26/20 12:55	1
Aroclor-1254	**69**		50	ug/Kg		08/25/20 07:33	08/26/20 12:55	1
Aroclor-1260	ND		50	ug/Kg		08/25/20 07:33	08/26/20 12:55	1
Aroclor-1262	ND		50	ug/Kg		08/25/20 07:33	08/26/20 12:55	1
Aroclor-1268	ND		50	ug/Kg		08/25/20 07:33	08/26/20 12:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*62*		*25 - 126*	*08/25/20 07:33*	*08/26/20 12:55*	*1*
DCB Decachlorobiphenyl (Surr)	*64*		*20 - 155*	*08/25/20 07:33*	*08/26/20 12:55*	*1*

Client Sample ID: SS-3-5'
Date Collected: 08/21/20 09:05
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-3
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	ug/Kg		08/25/20 07:33	08/26/20 13:13	1
Aroclor-1221	ND		50	ug/Kg		08/25/20 07:33	08/26/20 13:13	1
Aroclor-1232	ND		50	ug/Kg		08/25/20 07:33	08/26/20 13:13	1
Aroclor-1242	ND		50	ug/Kg		08/25/20 07:33	08/26/20 13:13	1
Aroclor-1248	ND		50	ug/Kg		08/25/20 07:33	08/26/20 13:13	1
Aroclor-1254	ND		50	ug/Kg		08/25/20 07:33	08/26/20 13:13	1
Aroclor-1260	ND		50	ug/Kg		08/25/20 07:33	08/26/20 13:13	1
Aroclor-1262	ND		50	ug/Kg		08/25/20 07:33	08/26/20 13:13	1
Aroclor-1268	ND		50	ug/Kg		08/25/20 07:33	08/26/20 13:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*65*		*25 - 126*	*08/25/20 07:33*	*08/26/20 13:13*	*1*
DCB Decachlorobiphenyl (Surr)	*65*		*20 - 155*	*08/25/20 07:33*	*08/26/20 13:13*	*1*

Client Sample ID: SS-1-5'
Date Collected: 08/21/20 10:25
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-5
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	ug/Kg		08/25/20 07:33	08/26/20 13:31	1
Aroclor-1221	ND		50	ug/Kg		08/25/20 07:33	08/26/20 13:31	1
Aroclor-1232	ND		50	ug/Kg		08/25/20 07:33	08/26/20 13:31	1
Aroclor-1242	ND		50	ug/Kg		08/25/20 07:33	08/26/20 13:31	1
Aroclor-1248	ND		50	ug/Kg		08/25/20 07:33	08/26/20 13:31	1
Aroclor-1254	ND		50	ug/Kg		08/25/20 07:33	08/26/20 13:31	1
Aroclor-1260	ND		50	ug/Kg		08/25/20 07:33	08/26/20 13:31	1
Aroclor-1262	ND		50	ug/Kg		08/25/20 07:33	08/26/20 13:31	1
Aroclor-1268	ND		50	ug/Kg		08/25/20 07:33	08/26/20 13:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*68*		*25 - 126*	*08/25/20 07:33*	*08/26/20 13:31*	*1*
DCB Decachlorobiphenyl (Surr)	*67*		*20 - 155*	*08/25/20 07:33*	*08/26/20 13:31*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: SS-2-8'
Date Collected: 08/21/20 11:15
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-8
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	ug/Kg		08/25/20 07:33	08/26/20 13:49	1
Aroclor-1221	ND		50	ug/Kg		08/25/20 07:33	08/26/20 13:49	1
Aroclor-1232	ND		50	ug/Kg		08/25/20 07:33	08/26/20 13:49	1
Aroclor-1242	ND		50	ug/Kg		08/25/20 07:33	08/26/20 13:49	1
Aroclor-1248	ND		50	ug/Kg		08/25/20 07:33	08/26/20 13:49	1
Aroclor-1254	ND		50	ug/Kg		08/25/20 07:33	08/26/20 13:49	1
Aroclor-1260	ND		50	ug/Kg		08/25/20 07:33	08/26/20 13:49	1
Aroclor-1262	ND		50	ug/Kg		08/25/20 07:33	08/26/20 13:49	1
Aroclor-1268	ND		50	ug/Kg		08/25/20 07:33	08/26/20 13:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*63*		*25 - 126*	*08/25/20 07:33*	*08/26/20 13:49*	*1*
DCB Decachlorobiphenyl (Surr)	*66*		*20 - 155*	*08/25/20 07:33*	*08/26/20 13:49*	*1*

Client Sample ID: SS-5-5'
Date Collected: 08/21/20 11:40
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-9
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	ug/Kg		08/25/20 07:33	08/26/20 14:07	1
Aroclor-1221	ND		50	ug/Kg		08/25/20 07:33	08/26/20 14:07	1
Aroclor-1232	ND		50	ug/Kg		08/25/20 07:33	08/26/20 14:07	1
Aroclor-1242	ND		50	ug/Kg		08/25/20 07:33	08/26/20 14:07	1
Aroclor-1248	ND		50	ug/Kg		08/25/20 07:33	08/26/20 14:07	1
Aroclor-1254	ND		50	ug/Kg		08/25/20 07:33	08/26/20 14:07	1
Aroclor-1260	ND		50	ug/Kg		08/25/20 07:33	08/26/20 14:07	1
Aroclor-1262	ND		50	ug/Kg		08/25/20 07:33	08/26/20 14:07	1
Aroclor-1268	ND		50	ug/Kg		08/25/20 07:33	08/26/20 14:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*61*		*25 - 126*	*08/25/20 07:33*	*08/26/20 14:07*	*1*
DCB Decachlorobiphenyl (Surr)	*62*		*20 - 155*	*08/25/20 07:33*	*08/26/20 14:07*	*1*

Client Sample ID: SS-4-8'
Date Collected: 08/21/20 13:10
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-12
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	ug/Kg		08/25/20 07:33	08/26/20 21:19	1
Aroclor-1221	ND		50	ug/Kg		08/25/20 07:33	08/26/20 21:19	1
Aroclor-1232	ND		50	ug/Kg		08/25/20 07:33	08/26/20 21:19	1
Aroclor-1242	ND		50	ug/Kg		08/25/20 07:33	08/26/20 21:19	1
Aroclor-1248	ND		50	ug/Kg		08/25/20 07:33	08/26/20 21:19	1
Aroclor-1254	**130**		50	ug/Kg		08/25/20 07:33	08/26/20 21:19	1
Aroclor-1260	**120**		50	ug/Kg		08/25/20 07:33	08/26/20 21:19	1
Aroclor-1262	ND		50	ug/Kg		08/25/20 07:33	08/26/20 21:19	1
Aroclor-1268	ND		50	ug/Kg		08/25/20 07:33	08/26/20 21:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*62*		*25 - 126*	*08/25/20 07:33*	*08/26/20 21:19*	*1*
DCB Decachlorobiphenyl (Surr)	*71*		*20 - 155*	*08/25/20 07:33*	*08/26/20 21:19*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: SB-6-GW
Date Collected: 08/21/20 08:30
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-13
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.64	ug/L		08/24/20 13:11	08/25/20 17:07	1
Aroclor-1221	ND		0.64	ug/L		08/24/20 13:11	08/25/20 17:07	1
Aroclor-1232	ND		0.64	ug/L		08/24/20 13:11	08/25/20 17:07	1
Aroclor-1242	ND		0.64	ug/L		08/24/20 13:11	08/25/20 17:07	1
Aroclor-1248	ND		0.64	ug/L		08/24/20 13:11	08/25/20 17:07	1
Aroclor-1254	ND		0.64	ug/L		08/24/20 13:11	08/25/20 17:07	1
Aroclor-1260	ND		0.64	ug/L		08/24/20 13:11	08/25/20 17:07	1
Aroclor-1262	ND		0.64	ug/L		08/24/20 13:11	08/25/20 17:07	1
Aroclor-1268	ND		0.64	ug/L		08/24/20 13:11	08/25/20 17:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*80*		*20 - 139*	*08/24/20 13:11*	*08/25/20 17:07*	*1*
DCB Decachlorobiphenyl (Surr)	*44*		*20 - 154*	*08/24/20 13:11*	*08/25/20 17:07*	*1*

Client Sample ID: SB-3-GW
Date Collected: 08/21/20 09:30
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-14
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.63	ug/L		08/24/20 13:11	08/25/20 17:25	1
Aroclor-1221	ND		0.63	ug/L		08/24/20 13:11	08/25/20 17:25	1
Aroclor-1232	ND		0.63	ug/L		08/24/20 13:11	08/25/20 17:25	1
Aroclor-1242	ND		0.63	ug/L		08/24/20 13:11	08/25/20 17:25	1
Aroclor-1248	ND		0.63	ug/L		08/24/20 13:11	08/25/20 17:25	1
Aroclor-1254	ND		0.63	ug/L		08/24/20 13:11	08/25/20 17:25	1
Aroclor-1260	ND		0.63	ug/L		08/24/20 13:11	08/25/20 17:25	1
Aroclor-1262	ND		0.63	ug/L		08/24/20 13:11	08/25/20 17:25	1
Aroclor-1268	ND		0.63	ug/L		08/24/20 13:11	08/25/20 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*77*		*20 - 139*	*08/24/20 13:11*	*08/25/20 17:25*	*1*
DCB Decachlorobiphenyl (Surr)	*22*		*20 - 154*	*08/24/20 13:11*	*08/25/20 17:25*	*1*

Method: 6010B - Metals (ICP)

Client Sample ID: SS-6-5'
Date Collected: 08/21/20 07:30
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-1
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND	F2 F1	0.739	mg/Kg		08/26/20 18:30	08/29/20 10:47	1
Arsenic	5.67		0.739	mg/Kg		08/26/20 18:30	08/29/20 10:47	1
Barium	96.0	F1	0.493	mg/Kg		08/26/20 18:30	08/29/20 10:47	1
Beryllium	0.552		0.246	mg/Kg		08/26/20 18:30	08/29/20 10:47	1
Cadmium	ND		0.493	mg/Kg		08/26/20 18:30	08/29/20 10:47	1
Chromium	17.7		0.246	mg/Kg		08/26/20 18:30	08/29/20 10:47	1
Cobalt	7.89		0.246	mg/Kg		08/26/20 18:30	08/29/20 10:47	1
Copper	13.5		0.493	mg/Kg		08/26/20 18:30	08/29/20 10:47	1
Lead	3.18		0.493	mg/Kg		08/26/20 18:30	08/29/20 10:47	1
Molybdenum	ND	L	0.246	mg/Kg		08/26/20 18:30	08/29/20 10:47	1
Nickel	15.5		0.246	mg/Kg		08/26/20 18:30	08/29/20 10:47	1
Selenium	ND	F1 L	0.739	mg/Kg		08/26/20 18:30	08/29/20 10:47	1
Silver	ND		0.246	mg/Kg		08/26/20 18:30	08/29/20 10:47	1
Thallium	ND		0.739	mg/Kg		08/26/20 18:30	08/29/20 10:47	1
Vanadium	31.5		0.246	mg/Kg		08/26/20 18:30	08/29/20 10:47	1
Zinc	41.9		0.985	mg/Kg		08/26/20 18:30	08/29/20 10:47	1

Client Sample ID: SS-6-8'
Date Collected: 08/21/20 07:48
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-2
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.746		0.735	mg/Kg		08/26/20 18:30	08/29/20 11:04	1
Arsenic	6.50		0.735	mg/Kg		08/26/20 18:30	08/29/20 11:04	1
Barium	162		0.490	mg/Kg		08/26/20 18:30	08/29/20 11:04	1
Beryllium	0.603		0.245	mg/Kg		08/26/20 18:30	08/29/20 11:04	1
Cadmium	0.539		0.490	mg/Kg		08/26/20 18:30	08/29/20 11:04	1
Chromium	15.5		0.245	mg/Kg		08/26/20 18:30	08/29/20 11:04	1
Cobalt	11.3		0.245	mg/Kg		08/26/20 18:30	08/29/20 11:04	1
Copper	23.9		0.490	mg/Kg		08/26/20 18:30	08/29/20 11:04	1
Lead	6.22		0.490	mg/Kg		08/26/20 18:30	08/29/20 11:04	1
Molybdenum	ND		0.245	mg/Kg		08/26/20 18:30	08/29/20 11:04	1
Nickel	28.8		0.245	mg/Kg		08/26/20 18:30	08/29/20 11:04	1
Selenium	ND	L	0.735	mg/Kg		08/26/20 18:30	08/29/20 11:04	1
Silver	ND	L	0.245	mg/Kg		08/26/20 18:30	08/29/20 11:04	1
Thallium	ND		0.735	mg/Kg		08/26/20 18:30	08/29/20 11:04	1
Vanadium	31.9		0.245	mg/Kg		08/26/20 18:30	08/29/20 11:04	1
Zinc	52.9		0.980	mg/Kg		08/26/20 18:30	08/29/20 11:04	1

Client Sample ID: SS-3-5'
Date Collected: 08/21/20 09:05
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-3
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.51		0.732	mg/Kg		08/26/20 18:30	08/29/20 11:06	1
Arsenic	3.31		0.732	mg/Kg		08/26/20 18:30	08/29/20 11:06	1
Barium	47.1		0.488	mg/Kg		08/26/20 18:30	08/29/20 11:06	1
Beryllium	0.448		0.244	mg/Kg		08/26/20 18:30	08/29/20 11:06	1
Cadmium	ND		0.488	mg/Kg		08/26/20 18:30	08/29/20 11:06	1
Chromium	15.4		0.244	mg/Kg		08/26/20 18:30	08/29/20 11:06	1
Cobalt	5.63		0.244	mg/Kg		08/26/20 18:30	08/29/20 11:06	1
Copper	6.09		0.488	mg/Kg		08/26/20 18:30	08/29/20 11:06	1

Method: 6010B - Metals (ICP) (Continued)

Client Sample ID: SS-3-5'
Date Collected: 08/21/20 09:05
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-3
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**1.45**		0.488	mg/Kg		08/26/20 18:30	08/29/20 11:06	1
Molybdenum	ND		0.244	mg/Kg		08/26/20 18:30	08/29/20 11:06	1
Nickel	**10.3**		0.244	mg/Kg		08/26/20 18:30	08/29/20 11:06	1
Selenium	ND	L	0.732	mg/Kg		08/26/20 18:30	08/29/20 11:06	1
Silver	ND		0.244	mg/Kg		08/26/20 18:30	08/29/20 11:06	1
Thallium	ND	L	0.732	mg/Kg		08/26/20 18:30	08/29/20 11:06	1
Vanadium	**26.3**		0.244	mg/Kg		08/26/20 18:30	08/29/20 11:06	1
Zinc	**35.0**		0.976	mg/Kg		08/26/20 18:30	08/29/20 11:06	1

Client Sample ID: SS-3-8'
Date Collected: 08/21/20 09:15
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-4
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**1.15**		0.739	mg/Kg		08/26/20 18:30	08/29/20 11:08	1
Arsenic	**3.53**		0.739	mg/Kg		08/26/20 18:30	08/29/20 11:08	1
Barium	**198**		0.493	mg/Kg		08/26/20 18:30	08/29/20 11:08	1
Beryllium	**0.461**		0.246	mg/Kg		08/26/20 18:30	08/29/20 11:08	1
Cadmium	ND		0.493	mg/Kg		08/26/20 18:30	08/29/20 11:08	1
Chromium	**13.9**		0.246	mg/Kg		08/26/20 18:30	08/29/20 11:08	1
Cobalt	**8.06**		0.246	mg/Kg		08/26/20 18:30	08/29/20 11:08	1
Copper	**13.1**		0.493	mg/Kg		08/26/20 18:30	08/29/20 11:08	1
Lead	**126**		0.493	mg/Kg		08/26/20 18:30	08/29/20 11:08	1
Molybdenum	ND	L	0.246	mg/Kg		08/26/20 18:30	08/29/20 11:08	1
Nickel	**15.8**		0.246	mg/Kg		08/26/20 18:30	08/29/20 11:08	1
Selenium	ND	L	0.739	mg/Kg		08/26/20 18:30	08/29/20 11:08	1
Silver	ND		0.246	mg/Kg		08/26/20 18:30	08/29/20 11:08	1
Thallium	ND	L	0.739	mg/Kg		08/26/20 18:30	08/29/20 11:08	1
Vanadium	**23.2**		0.246	mg/Kg		08/26/20 18:30	08/29/20 11:08	1
Zinc	**48.0**		0.985	mg/Kg		08/26/20 18:30	08/29/20 11:08	1

Client Sample ID: SS-1-5'
Date Collected: 08/21/20 10:25
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-5
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**2.94**		0.732	mg/Kg		08/26/20 18:30	08/29/20 11:10	1
Arsenic	**6.83**		0.732	mg/Kg		08/26/20 18:30	08/29/20 11:10	1
Barium	**81.3**		0.488	mg/Kg		08/26/20 18:30	08/29/20 11:10	1
Beryllium	**0.550**		0.244	mg/Kg		08/26/20 18:30	08/29/20 11:10	1
Cadmium	ND		0.488	mg/Kg		08/26/20 18:30	08/29/20 11:10	1
Chromium	**16.6**		0.244	mg/Kg		08/26/20 18:30	08/29/20 11:10	1
Cobalt	**7.68**		0.244	mg/Kg		08/26/20 18:30	08/29/20 11:10	1
Copper	**10.9**		0.488	mg/Kg		08/26/20 18:30	08/29/20 11:10	1
Lead	**3.05**		0.488	mg/Kg		08/26/20 18:30	08/29/20 11:10	1
Molybdenum	ND	L	0.244	mg/Kg		08/26/20 18:30	08/29/20 11:10	1
Nickel	**14.0**		0.244	mg/Kg		08/26/20 18:30	08/29/20 11:10	1
Selenium	ND	L	0.732	mg/Kg		08/26/20 18:30	08/29/20 11:10	1
Silver	ND		0.244	mg/Kg		08/26/20 18:30	08/29/20 11:10	1
Thallium	ND		0.732	mg/Kg		08/26/20 18:30	08/29/20 11:10	1
Vanadium	**31.0**		0.244	mg/Kg		08/26/20 18:30	08/29/20 11:10	1
Zinc	**38.0**		0.976	mg/Kg		08/26/20 18:30	08/29/20 11:10	1

Method: 6010B - Metals (ICP)

Client Sample ID: SS-1-8'
Date Collected: 08/21/20 10:35
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-6
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.17		0.718	mg/Kg		08/26/20 18:30	08/29/20 11:12	1
Arsenic	3.57		0.718	mg/Kg		08/26/20 18:30	08/29/20 11:12	1
Barium	70.7		0.478	mg/Kg		08/26/20 18:30	08/29/20 11:12	1
Beryllium	0.448		0.239	mg/Kg		08/26/20 18:30	08/29/20 11:12	1
Cadmium	ND		0.478	mg/Kg		08/26/20 18:30	08/29/20 11:12	1
Chromium	13.9		0.239	mg/Kg		08/26/20 18:30	08/29/20 11:12	1
Cobalt	5.06		0.239	mg/Kg		08/26/20 18:30	08/29/20 11:12	1
Copper	5.99		0.478	mg/Kg		08/26/20 18:30	08/29/20 11:12	1
Lead	1.34		0.478	mg/Kg		08/26/20 18:30	08/29/20 11:12	1
Molybdenum	ND	L	0.239	mg/Kg		08/26/20 18:30	08/29/20 11:12	1
Nickel	9.50		0.239	mg/Kg		08/26/20 18:30	08/29/20 11:12	1
Selenium	ND	L	0.718	mg/Kg		08/26/20 18:30	08/29/20 11:12	1
Silver	ND		0.239	mg/Kg		08/26/20 18:30	08/29/20 11:12	1
Thallium	ND		0.718	mg/Kg		08/26/20 18:30	08/29/20 11:12	1
Vanadium	23.0		0.239	mg/Kg		08/26/20 18:30	08/29/20 11:12	1
Zinc	26.0		0.957	mg/Kg		08/26/20 18:30	08/29/20 11:12	1

Client Sample ID: SS-2-5'
Date Collected: 08/21/20 11:00
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-7
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.77		0.728	mg/Kg		08/26/20 18:30	08/29/20 11:14	1
Arsenic	14.2		0.728	mg/Kg		08/26/20 18:30	08/29/20 11:14	1
Barium	117		0.485	mg/Kg		08/26/20 18:30	08/29/20 11:14	1
Beryllium	0.650		0.243	mg/Kg		08/26/20 18:30	08/29/20 11:14	1
Cadmium	ND		0.485	mg/Kg		08/26/20 18:30	08/29/20 11:14	1
Chromium	27.1		0.243	mg/Kg		08/26/20 18:30	08/29/20 11:14	1
Cobalt	10.0		0.243	mg/Kg		08/26/20 18:30	08/29/20 11:14	1
Copper	23.6		0.485	mg/Kg		08/26/20 18:30	08/29/20 11:14	1
Lead	7.56		0.485	mg/Kg		08/26/20 18:30	08/29/20 11:14	1
Molybdenum	ND	L	0.243	mg/Kg		08/26/20 18:30	08/29/20 11:14	1
Nickel	22.5		0.243	mg/Kg		08/26/20 18:30	08/29/20 11:14	1
Selenium	ND	L	0.728	mg/Kg		08/26/20 18:30	08/29/20 11:14	1
Silver	ND		0.243	mg/Kg		08/26/20 18:30	08/29/20 11:14	1
Thallium	ND		0.728	mg/Kg		08/26/20 18:30	08/29/20 11:14	1
Vanadium	36.8		0.243	mg/Kg		08/26/20 18:30	08/29/20 11:14	1
Zinc	54.6		0.971	mg/Kg		08/26/20 18:30	08/29/20 11:14	1

Client Sample ID: SS-2-8'
Date Collected: 08/21/20 11:15
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-8
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.40		0.725	mg/Kg		08/26/20 18:30	08/29/20 11:16	1
Arsenic	2.83		0.725	mg/Kg		08/26/20 18:30	08/29/20 11:16	1
Barium	361		0.483	mg/Kg		08/26/20 18:30	08/29/20 11:16	1
Beryllium	0.598		0.242	mg/Kg		08/26/20 18:30	08/29/20 11:16	1
Cadmium	1.18		0.483	mg/Kg		08/26/20 18:30	08/29/20 11:16	1
Chromium	22.1		0.242	mg/Kg		08/26/20 18:30	08/29/20 11:16	1
Cobalt	12.8		0.242	mg/Kg		08/26/20 18:30	08/29/20 11:16	1
Copper	30.3		0.483	mg/Kg		08/26/20 18:30	08/29/20 11:16	1

Method: 6010B - Metals (ICP) (Continued)

Client Sample ID: SS-2-8'
Date Collected: 08/21/20 11:15
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-8
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND	L	0.483	mg/Kg		08/26/20 18:30	08/29/20 11:16	1
Molybdenum	ND	L	0.242	mg/Kg		08/26/20 18:30	08/29/20 11:16	1
Nickel	**34.9**		0.242	mg/Kg		08/26/20 18:30	08/29/20 11:16	1
Selenium	ND	L	0.725	mg/Kg		08/26/20 18:30	08/29/20 11:16	1
Silver	ND	L	0.242	mg/Kg		08/26/20 18:30	08/29/20 11:16	1
Thallium	ND	L	0.725	mg/Kg		08/26/20 18:30	08/29/20 11:16	1
Vanadium	**28.5**		0.242	mg/Kg		08/26/20 18:30	08/29/20 11:16	1
Zinc	**46.2**		0.966	mg/Kg		08/26/20 18:30	08/29/20 11:16	1

Client Sample ID: SS-5-5'
Date Collected: 08/21/20 11:40
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-9
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**1.25**		0.773	mg/Kg		08/26/20 18:30	08/29/20 11:18	1
Arsenic	**4.15**		0.773	mg/Kg		08/26/20 18:30	08/29/20 11:18	1
Barium	**74.9**		0.515	mg/Kg		08/26/20 18:30	08/29/20 11:18	1
Beryllium	**0.506**		0.258	mg/Kg		08/26/20 18:30	08/29/20 11:18	1
Cadmium	ND		0.515	mg/Kg		08/26/20 18:30	08/29/20 11:18	1
Chromium	**14.4**		0.258	mg/Kg		08/26/20 18:30	08/29/20 11:18	1
Cobalt	**5.93**		0.258	mg/Kg		08/26/20 18:30	08/29/20 11:18	1
Copper	**9.95**		0.515	mg/Kg		08/26/20 18:30	08/29/20 11:18	1
Lead	**6.24**		0.515	mg/Kg		08/26/20 18:30	08/29/20 11:18	1
Molybdenum	ND	L	0.258	mg/Kg		08/26/20 18:30	08/29/20 11:18	1
Nickel	**9.89**		0.258	mg/Kg		08/26/20 18:30	08/29/20 11:18	1
Selenium	ND	L	0.773	mg/Kg		08/26/20 18:30	08/29/20 11:18	1
Silver	ND		0.258	mg/Kg		08/26/20 18:30	08/29/20 11:18	1
Thallium	ND		0.773	mg/Kg		08/26/20 18:30	08/29/20 11:18	1
Vanadium	**25.1**		0.258	mg/Kg		08/26/20 18:30	08/29/20 11:18	1
Zinc	**30.4**		1.03	mg/Kg		08/26/20 18:30	08/29/20 11:18	1

Client Sample ID: SS-5-8'
Date Collected: 08/21/20 11:50
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-10
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**2.31**		0.781	mg/Kg		08/26/20 18:30	08/29/20 11:20	1
Arsenic	**12.0**		0.781	mg/Kg		08/26/20 18:30	08/29/20 11:20	1
Barium	**138**		0.521	mg/Kg		08/26/20 18:30	08/29/20 11:20	1
Beryllium	**0.429**		0.260	mg/Kg		08/26/20 18:30	08/29/20 11:20	1
Cadmium	**2.36**		0.521	mg/Kg		08/26/20 18:30	08/29/20 11:20	1
Chromium	**33.9**		0.260	mg/Kg		08/26/20 18:30	08/29/20 11:20	1
Cobalt	**7.17**		0.260	mg/Kg		08/26/20 18:30	08/29/20 11:20	1
Copper	**109**		0.521	mg/Kg		08/26/20 18:30	08/29/20 11:20	1
Lead	**187**		0.521	mg/Kg		08/26/20 18:30	08/29/20 11:20	1
Molybdenum	**2.36**		0.260	mg/Kg		08/26/20 18:30	08/29/20 11:20	1
Nickel	**25.7**		0.260	mg/Kg		08/26/20 18:30	08/29/20 11:20	1
Selenium	ND	L	0.781	mg/Kg		08/26/20 18:30	08/29/20 11:20	1
Silver	ND		0.260	mg/Kg		08/26/20 18:30	08/29/20 11:20	1
Thallium	ND	L	0.781	mg/Kg		08/26/20 18:30	08/29/20 11:20	1
Vanadium	**32.6**		0.260	mg/Kg		08/26/20 18:30	08/29/20 11:20	1
Zinc	**438**		1.04	mg/Kg		08/26/20 18:30	08/29/20 11:20	1

Method: 6010B - Metals (ICP)

Client Sample ID: SS-4-5'
Date Collected: 08/21/20 13:00
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-11
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**1.02**		0.754	mg/Kg		08/26/20 18:30	08/29/20 11:32	1
Arsenic	**2.20**		0.754	mg/Kg		08/26/20 18:30	08/29/20 11:32	1
Barium	**35.8**		0.503	mg/Kg		08/26/20 18:30	08/29/20 11:32	1
Beryllium	**0.346**		0.251	mg/Kg		08/26/20 18:30	08/29/20 11:32	1
Cadmium	ND		0.503	mg/Kg		08/26/20 18:30	08/29/20 11:32	1
Chromium	**10.4**		0.251	mg/Kg		08/26/20 18:30	08/29/20 11:32	1
Cobalt	**4.48**		0.251	mg/Kg		08/26/20 18:30	08/29/20 11:32	1
Copper	**5.09**		0.503	mg/Kg		08/26/20 18:30	08/29/20 11:32	1
Lead	**1.04**		0.503	mg/Kg		08/26/20 18:30	08/29/20 11:32	1
Molybdenum	ND	L	0.251	mg/Kg		08/26/20 18:30	08/29/20 11:32	1
Nickel	**8.04**		0.251	mg/Kg		08/26/20 18:30	08/29/20 11:32	1
Selenium	ND	L	0.754	mg/Kg		08/26/20 18:30	08/29/20 11:32	1
Silver	ND		0.251	mg/Kg		08/26/20 18:30	08/29/20 11:32	1
Thallium	ND		0.754	mg/Kg		08/26/20 18:30	08/29/20 11:32	1
Vanadium	**20.3**		0.251	mg/Kg		08/26/20 18:30	08/29/20 11:32	1
Zinc	**28.0**		1.01	mg/Kg		08/26/20 18:30	08/29/20 11:32	1

Client Sample ID: SS-4-8'
Date Collected: 08/21/20 13:10
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-12
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**3.75**		0.739	mg/Kg		08/26/20 18:30	08/29/20 11:34	1
Arsenic	**16.1**		0.739	mg/Kg		08/26/20 18:30	08/29/20 11:34	1
Barium	**202**		0.493	mg/Kg		08/26/20 18:30	08/29/20 11:34	1
Beryllium	**0.408**		0.246	mg/Kg		08/26/20 18:30	08/29/20 11:34	1
Cadmium	**2.62**		0.493	mg/Kg		08/26/20 18:30	08/29/20 11:34	1
Chromium	**31.9**		0.246	mg/Kg		08/26/20 18:30	08/29/20 11:34	1
Cobalt	**6.79**		0.246	mg/Kg		08/26/20 18:30	08/29/20 11:34	1
Copper	**95.5**		0.493	mg/Kg		08/26/20 18:30	08/29/20 11:34	1
Lead	**2070**		0.493	mg/Kg		08/26/20 18:30	08/29/20 11:34	1
Molybdenum	**2.01**		0.246	mg/Kg		08/26/20 18:30	08/29/20 11:34	1
Nickel	**36.9**		0.246	mg/Kg		08/26/20 18:30	08/29/20 11:34	1
Selenium	ND		0.739	mg/Kg		08/26/20 18:30	08/29/20 11:34	1
Silver	**1.19**		0.246	mg/Kg		08/26/20 18:30	08/29/20 11:34	1
Thallium	ND		0.739	mg/Kg		08/26/20 18:30	08/29/20 11:34	1
Vanadium	**33.2**		0.246	mg/Kg		08/26/20 18:30	08/29/20 11:34	1
Zinc	**583**		0.985	mg/Kg		08/26/20 18:30	08/29/20 11:34	1

Client Sample ID: SB-6-GW
Date Collected: 08/21/20 08:30
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-13
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.100	mg/L		08/25/20 08:50	08/26/20 15:21	1
Arsenic	ND		0.100	mg/L		08/25/20 08:50	08/26/20 15:21	1
Barium	**2.31**		0.0100	mg/L		08/25/20 08:50	08/26/20 15:21	1
Beryllium	**0.0150**		0.0100	mg/L		08/25/20 08:50	08/26/20 15:21	1
Cadmium	**0.0229**		0.0100	mg/L		08/25/20 08:50	08/26/20 15:21	1
Chromium	**0.437**		0.0500	mg/L		08/25/20 08:50	08/26/20 15:21	1
Cobalt	**0.193**		0.0500	mg/L		08/25/20 08:50	08/26/20 15:21	1
Copper	**0.365**		0.0500	mg/L		08/25/20 08:50	08/26/20 15:21	1

Method: 6010B - Metals (ICP) (Continued)

Client Sample ID: SB-6-GW
Date Collected: 08/21/20 08:30
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-13
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0500	mg/L		08/25/20 08:50	08/26/20 15:21	1
Molybdenum	ND		0.0500	mg/L		08/25/20 08:50	08/26/20 15:21	1
Nickel	**0.313**		0.0500	mg/L		08/25/20 08:50	08/26/20 15:21	1
Selenium	ND		0.100	mg/L		08/25/20 08:50	08/26/20 15:21	1
Silver	ND		0.0100	mg/L		08/25/20 08:50	08/26/20 15:21	1
Thallium	ND		0.0500	mg/L		08/25/20 08:50	08/26/20 15:21	1
Vanadium	**0.666**		0.0100	mg/L		08/25/20 08:50	08/26/20 15:21	1
Zinc	**1.31**		0.250	mg/L		08/25/20 08:50	08/26/20 15:21	1

Client Sample ID: SB-3-GW
Date Collected: 08/21/20 09:30
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-14
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.100	mg/L		08/25/20 08:50	08/26/20 15:23	1
Arsenic	ND		0.100	mg/L		08/25/20 08:50	08/26/20 15:23	1
Barium	**1.52**		0.0100	mg/L		08/25/20 08:50	08/26/20 15:23	1
Beryllium	ND		0.0100	mg/L		08/25/20 08:50	08/26/20 15:23	1
Cadmium	**0.0118**		0.0100	mg/L		08/25/20 08:50	08/26/20 15:23	1
Chromium	**0.210**		0.0500	mg/L		08/25/20 08:50	08/26/20 15:23	1
Cobalt	**0.104**		0.0500	mg/L		08/25/20 08:50	08/26/20 15:23	1
Copper	**0.281**		0.0500	mg/L		08/25/20 08:50	08/26/20 15:23	1
Lead	**0.0608**		0.0500	mg/L		08/25/20 08:50	08/26/20 15:23	1
Molybdenum	**0.0851**		0.0500	mg/L		08/25/20 08:50	08/26/20 15:23	1
Nickel	**0.296**		0.0500	mg/L		08/25/20 08:50	08/26/20 15:23	1
Selenium	ND		0.100	mg/L		08/25/20 08:50	08/26/20 15:23	1
Silver	ND		0.0100	mg/L		08/25/20 08:50	08/26/20 15:23	1
Thallium	ND		0.0500	mg/L		08/25/20 08:50	08/26/20 15:23	1
Vanadium	**0.304**		0.0100	mg/L		08/25/20 08:50	08/26/20 15:23	1
Zinc	**0.925**		0.250	mg/L		08/25/20 08:50	08/26/20 15:23	1

Method: 7470A - Mercury (CVAA)

Client Sample ID: SB-6-GW
Date Collected: 08/21/20 08:30
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-13
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000831		0.000500	mg/L		08/25/20 08:55	08/25/20 15:16	1

Client Sample ID: SB-3-GW
Date Collected: 08/21/20 09:30
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-14
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000743		0.000500	mg/L		08/25/20 08:55	08/25/20 15:18	1

Method: 7471A - Mercury (CVAA)

Client Sample ID: SS-6-5'
Date Collected: 08/21/20 07:30
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-1
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0820	mg/Kg		08/26/20 18:30	08/27/20 11:15	1

Client Sample ID: SS-6-8'
Date Collected: 08/21/20 07:48
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-2
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0806	mg/Kg		08/26/20 18:30	08/27/20 11:21	1

Client Sample ID: SS-3-5'
Date Collected: 08/21/20 09:05
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-3
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0833	mg/Kg		08/26/20 18:30	08/27/20 11:24	1

Client Sample ID: SS-3-8'
Date Collected: 08/21/20 09:15
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-4
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0833	mg/Kg		08/26/20 18:30	08/27/20 11:26	1

Client Sample ID: SS-1-5'
Date Collected: 08/21/20 10:25
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-5
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0862	mg/Kg		08/26/20 18:30	08/27/20 11:28	1

Client Sample ID: SS-1-8'
Date Collected: 08/21/20 10:35
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-6
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0847	mg/Kg		08/26/20 18:30	08/27/20 11:31	1

Client Sample ID: SS-2-5'
Date Collected: 08/21/20 11:00
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-7
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0847	mg/Kg		08/26/20 18:30	08/27/20 11:33	1

Client Sample ID: SS-2-8'
Date Collected: 08/21/20 11:15
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-8
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0820	mg/Kg		08/26/20 18:30	08/27/20 11:35	1

Client Sample ID: SS-5-5'
Date Collected: 08/21/20 11:40
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-9
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0847	mg/Kg		08/26/20 18:30	08/27/20 11:42	1

Client: Geosyntec Consultants, Inc.
Project/Site: PMG - San Pedro/ HPA1071

Job ID: 570-36547-1

Method: 7471A - Mercury (CVAA)

Client Sample ID: SS-5-8'
Date Collected: 08/21/20 11:50
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-10
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.512**		0.0862	mg/Kg		08/26/20 18:30	08/27/20 11:44	1

Client Sample ID: SS-4-5'
Date Collected: 08/21/20 13:00
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-11
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0847	mg/Kg		08/26/20 18:30	08/27/20 11:47	1

Client Sample ID: SS-4-8'
Date Collected: 08/21/20 13:10
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-12
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.964**		0.0794	mg/Kg		08/26/20 18:30	08/27/20 11:49	1

Surrogate Summary

Client: Geosyntec Consultants, Inc.
Project/Site: PMG - San Pedro/ HPA1071

Job ID: 570-36547-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(71-155)	(80-120)	(79-133)	(80-120)
570-36547-1	SS-6-5'	107	99	95	101
570-36547-1 MS	SS-6-5'	100	102	101	104
570-36547-1 MSD	SS-6-5'	100	102	101	104
570-36547-2	SS-6-8'	103	100	92	100
570-36547-3	SS-3-5'	103	100	91	100
570-36547-4	SS-3-8'	106	100	93	101
570-36547-5	SS-1-5'	109	100	94	101
570-36547-6	SS-1-8'	113	101	95	101
570-36547-7	SS-2-5'	116	102	96	101
570-36547-8	SS-2-8'	117	101	96	102
570-36547-9	SS-5-5'	119	101	98	102
570-36547-10	SS-5-8'	121	102	98	100
570-36547-11	SS-4-5'	112	104	93	102
570-36547-12	SS-4-8'	106	99	92	100
LCS 570-90333/1-A	Lab Control Sample	102	104	102	103
LCSD 570-90333/2-A	Lab Control Sample Dup	101	104	102	105
MB 570-90333/3-A	Method Blank	111	100	95	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(80-129)	(77-120)	(80-128)	(80-120)
570-36547-13	SB-6-GW	94	104	99	99
570-36547-14	SB-3-GW	93	104	99	100
LCS 570-90628/3	Lab Control Sample	102	100	100	101
LCSD 570-90628/4	Lab Control Sample Dup	102	99	102	101
MB 570-90628/7	Method Blank	97	104	99	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270C SIM - PAHs (GC/MS SIM)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(22-130)	(20-145)	(33-147)
570-36547-1	SS-6-5'	101	99	110
570-36547-1 MS	SS-6-5'	71	72	71
570-36547-1 MSD	SS-6-5'	74	73	64

Surrogate Summary

Client: Geosyntec Consultants, Inc.
Project/Site: PMG - San Pedro/ HPA1071

Job ID: 570-36547-1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(22-130)	(20-145)	(33-147)
570-36547-2	SS-6-8'	88	82	86
570-36547-3	SS-3-5'	88	82	86
570-36547-4	SS-3-8'	77	73	80
570-36547-5	SS-1-5'	91	88	89
570-36547-6	SS-1-8'	78	74	76
570-36547-7	SS-2-5'	89	87	93
570-36547-8	SS-2-8'	88	84	88
570-36547-9	SS-5-5'	100	97	94
570-36547-10	SS-5-8'	125	91	128
570-36547-11	SS-4-5'	89	83	87
570-36547-12	SS-4-8'	51	46	48
LCS 570-90464/2-A	Lab Control Sample	94	96	85
LCSD 570-90464/3-A	Lab Control Sample Dup	80	85	71
MB 570-90464/1-A	Method Blank	107	100	96

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8270C SIM - PAHs (GC/MS SIM)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(33-144)	(28-139)	(23-160)
570-36493-D-1-B MS	Matrix Spike	67	59	71
570-36493-D-1-C MSD	Matrix Spike Duplicate	72	59	75
570-36547-13	SB-6-GW	67	46	72
570-36547-14	SB-3-GW	69	46	73
LCS 570-90261/2-A	Lab Control Sample	72	62	74
LCSD 570-90261/3-A	Lab Control Sample Dup	77	65	81
MB 570-90261/1-A	Method Blank	66	55	74

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
		OTCSN1
Lab Sample ID	Client Sample ID	(61-145)
570-36541-A-4-A MS	Matrix Spike	102
570-36541-A-4-B MSD	Matrix Spike Duplicate	100
570-36547-1	SS-6-5'	94
570-36547-2	SS-6-8'	98
570-36547-3	SS-3-5'	98
570-36547-4	SS-3-8'	98
570-36547-5	SS-1-5'	93

Surrogate Summary

Job ID: 570-36547-1

Client: Geosyntec Consultants, Inc.
Project/Site: PMG - San Pedro/ HPA1071

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Prep Type: Total/NA

Matrix: Solid

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTCSN1 (61-145)
570-36547-6	SS-1-8'	94
570-36547-7	SS-2-5'	95
570-36547-8	SS-2-8'	101
570-36547-9	SS-5-5'	96
570-36547-10	SS-5-8'	183 X
570-36547-11	SS-4-5'	95
570-36547-12	SS-4-8'	104
LCS 570-90449/2-A	Lab Control Sample	105
LCSD 570-90449/3-A	Lab Control Sample Dup	98
MB 570-90449/1-A	Method Blank	91

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Prep Type: Total/NA

Matrix: Water

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTCSN1 (68-140)
570-36547-13	SB-6-GW	113
570-36547-14	SB-3-GW	110
LCS 570-90398/2-A	Lab Control Sample	108
LCSD 570-90398/3-A	Lab Control Sample Dup	107
MB 570-90398/1-A	Method Blank	103

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Prep Type: Total/NA

Matrix: Solid

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX1 (25-126)	DCB1 (20-155)
570-36547-2	SS-6-8'	62	64
570-36547-3	SS-3-5'	65	65
570-36547-3 MS	SS-3-5'	60	62
570-36547-3 MSD	SS-3-5'	67	66
570-36547-5	SS-1-5'	68	67
570-36547-8	SS-2-8'	63	66
570-36547-9	SS-5-5'	61	62
570-36547-12	SS-4-8'	62	71
LCS 570-90086/2-A	Lab Control Sample	77	79
LCSD 570-90086/3-A	Lab Control Sample Dup	75	78
MB 570-90086/1-A	Method Blank	72	73

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Surrogate Summary

Client: Geosyntec Consultants, Inc.
Job ID: 570-36547-1
Project/Site: PMG - San Pedro/ HPA1071

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(20-139)	(20-154)
570-36547-13	SB-6-GW	80	44
570-36547-14	SB-3-GW	77	22
LCS 570-89936/4-A	Lab Control Sample	68	63
LCSD 570-89936/5-A	Lab Control Sample Dup	66	78
MB 570-89936/1-A	Method Blank	69	67

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-90333/3-A
Matrix: Solid
Analysis Batch: 90329

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90333

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
1,1,1-Trichloroethane	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
1,1,2,2-Tetrachloroethane	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		49	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
1,1,2-Trichloroethane	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
1,1-Dichloroethane	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
1,1-Dichloroethene	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
1,1-Dichloropropene	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
1,2,3-Trichlorobenzene	ND		9.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
1,2,3-Trichloropropane	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
1,2,4-Trichlorobenzene	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
1,2,4-Trimethylbenzene	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
1,2-Dibromo-3-Chloropropane	ND		9.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
1,2-Dibromoethane	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
1,2-Dichlorobenzene	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
1,2-Dichloroethane	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
1,2-Dichloropropane	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
1,3,5-Trimethylbenzene	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
1,3-Dichlorobenzene	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
1,3-Dichloropropane	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
1,4-Dichlorobenzene	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
2,2-Dichloropropane	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
2-Butanone	ND		49	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
2-Chlorotoluene	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
2-Hexanone	ND		49	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
4-Chlorotoluene	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
4-Methyl-2-pentanone	ND		49	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
Acetone	ND		49	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
Benzene	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
Bromobenzene	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
Bromochloromethane	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
Bromodichloromethane	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
Bromoform	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
Bromomethane	ND		25	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
cis-1,2-Dichloroethene	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
cis-1,3-Dichloropropene	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
Carbon disulfide	ND		49	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
Carbon tetrachloride	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
Chlorobenzene	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
Chloroethane	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
Chloroform	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
Chloromethane	ND		25	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
Dibromochloromethane	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
Dibromomethane	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
Dichlorodifluoromethane	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
Di-isopropyl ether (DIPE)	ND		9.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
Ethanol	ND		250	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
Ethylbenzene	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-90333/3-A
Matrix: Solid
Analysis Batch: 90329

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90333

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		9.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
Isopropylbenzene	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
Methylene Chloride	ND		49	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
Methyl-t-Butyl Ether (MTBE)	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
Naphthalene	ND		49	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
n-Butylbenzene	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
N-Propylbenzene	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
o-Xylene	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
m,p-Xylene	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
p-Isopropyltoluene	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
sec-Butylbenzene	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
Styrene	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
trans-1,2-Dichloroethene	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
trans-1,3-Dichloropropene	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
Tert-amyl-methyl ether (TAME)	ND		9.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
tert-Butyl alcohol (TBA)	ND		49	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
tert-Butylbenzene	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
Tetrachloroethene	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
Toluene	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
Trichloroethene	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
Trichlorofluoromethane	ND		49	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
Vinyl acetate	ND		49	ug/Kg		08/26/20 07:35	08/26/20 10:17	1
Vinyl chloride	ND		4.9	ug/Kg		08/26/20 07:35	08/26/20 10:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*71 - 155*	*08/26/20 07:35*	*08/26/20 10:17*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*08/26/20 07:35*	*08/26/20 10:17*	*1*
Dibromofluoromethane (Surr)	*95*		*79 - 133*	*08/26/20 07:35*	*08/26/20 10:17*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*08/26/20 07:35*	*08/26/20 10:17*	*1*

Lab Sample ID: LCS 570-90333/1-A
Matrix: Solid
Analysis Batch: 90329

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90333

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	50.0	52.45		ug/Kg		105	74 - 122
1,2-Dibromoethane	50.0	53.70		ug/Kg		107	70 - 130
1,2-Dichlorobenzene	50.0	50.38		ug/Kg		101	75 - 120
1,2-Dichloroethane	50.0	51.07		ug/Kg		102	70 - 130
Benzene	50.0	51.73		ug/Kg		103	78 - 120
Carbon tetrachloride	50.0	54.90		ug/Kg		110	49 - 139
Chlorobenzene	50.0	49.07		ug/Kg		98	79 - 120
Di-isopropyl ether (DIPE)	50.0	54.33		ug/Kg		109	78 - 120
Ethanol	500	396.2		ug/Kg		79	56 - 140
Ethylbenzene	50.0	51.66		ug/Kg		103	76 - 120
Ethyl-t-butyl ether (ETBE)	50.0	44.18		ug/Kg		88	70 - 124
Methyl-t-Butyl Ether (MTBE)	50.0	46.18		ug/Kg		92	70 - 124
o-Xylene	50.0	53.79		ug/Kg		108	70 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-90333/1-A
Matrix: Solid
Analysis Batch: 90329

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90333

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
m,p-Xylene	100	105.1		ug/Kg		105	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*71 - 155*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*79 - 133*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: LCSD 570-90333/2-A
Matrix: Solid
Analysis Batch: 90329

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90333

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	50.0	49.35		ug/Kg		99	74 - 122	6	20
1,2-Dibromoethane	50.0	51.39		ug/Kg		103	70 - 130	4	20
1,2-Dichlorobenzene	50.0	48.05		ug/Kg		96	75 - 120	5	20
1,2-Dichloroethane	50.0	49.29		ug/Kg		99	70 - 130	4	20
Benzene	50.0	49.50		ug/Kg		99	78 - 120	4	20
Carbon tetrachloride	50.0	52.10		ug/Kg		104	49 - 139	5	20
Chlorobenzene	50.0	46.89		ug/Kg		94	79 - 120	5	20
Di-isopropyl ether (DIPE)	50.0	51.98		ug/Kg		104	78 - 120	4	20
Ethanol	500	463.1		ug/Kg		93	56 - 140	16	20
Ethylbenzene	50.0	49.14		ug/Kg		98	76 - 120	5	20
Ethyl-t-butyl ether (ETBE)	50.0	42.26		ug/Kg		85	70 - 124	4	20
Methyl-t-Butyl Ether (MTBE)	50.0	44.61		ug/Kg		89	70 - 124	3	20
o-Xylene	50.0	51.32		ug/Kg		103	70 - 130	5	20
m,p-Xylene	100	99.93		ug/Kg		100	70 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*71 - 155*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*79 - 133*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: 570-36547-1 MS
Matrix: Solid
Analysis Batch: 90329

Client Sample ID: SS-6-5'
Prep Type: Total/NA
Prep Batch: 90333

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	ND		48.5	47.94		ug/Kg		99	47 - 143
1,2-Dibromoethane	ND		48.5	49.01		ug/Kg		101	64 - 124
1,2-Dichlorobenzene	ND		48.5	45.35		ug/Kg		93	35 - 131
1,2-Dichloroethane	ND		48.5	45.26		ug/Kg		93	70 - 130
Benzene	ND		48.5	48.08		ug/Kg		99	61 - 127
Carbon tetrachloride	ND		48.5	48.71		ug/Kg		100	51 - 135
Chlorobenzene	ND		48.5	44.32		ug/Kg		91	57 - 123
Di-isopropyl ether (DIPE)	ND		48.5	49.70		ug/Kg		102	57 - 129
Ethanol	ND		485	383.8		ug/Kg		79	17 - 167

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-36547-1 MS
Matrix: Solid
Analysis Batch: 90329

Client Sample ID: SS-6-5'
Prep Type: Total/NA
Prep Batch: 90333

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	ND		48.5	46.78		ug/Kg		96	57 - 129
Ethyl-t-butyl ether (ETBE)	ND		48.5	39.96		ug/Kg		82	55 - 127
Methyl-t-Butyl Ether (MTBE)	ND		48.5	42.29		ug/Kg		87	57 - 123
o-Xylene	ND		48.5	48.71		ug/Kg		100	70 - 130
m,p-Xylene	ND		97.1	94.39		ug/Kg		97	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*71 - 155*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*79 - 133*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: 570-36547-1 MSD
Matrix: Solid
Analysis Batch: 90329

Client Sample ID: SS-6-5'
Prep Type: Total/NA
Prep Batch: 90333

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	ND		48.6	47.68		ug/Kg		98	47 - 143	1	25
1,2-Dibromoethane	ND		48.6	49.30		ug/Kg		101	64 - 124	1	20
1,2-Dichlorobenzene	ND		48.6	45.69		ug/Kg		94	35 - 131	1	25
1,2-Dichloroethane	ND		48.6	44.44		ug/Kg		91	70 - 130	2	20
Benzene	ND		48.6	47.46		ug/Kg		98	61 - 127	1	20
Carbon tetrachloride	ND		48.6	48.98		ug/Kg		101	51 - 135	1	29
Chlorobenzene	ND		48.6	44.70		ug/Kg		92	57 - 123	1	20
Di-isopropyl ether (DIPE)	ND		48.6	48.85		ug/Kg		100	57 - 129	2	20
Ethanol	ND		486	446.6		ug/Kg		92	17 - 167	15	47
Ethylbenzene	ND		48.6	46.93		ug/Kg		96	57 - 129	0	22
Ethyl-t-butyl ether (ETBE)	ND		48.6	39.92		ug/Kg		82	55 - 127	0	20
Methyl-t-Butyl Ether (MTBE)	ND		48.6	42.69		ug/Kg		88	57 - 123	1	21
o-Xylene	ND		48.6	48.36		ug/Kg		99	70 - 130	1	20
m,p-Xylene	ND		97.3	93.90		ug/Kg		97	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*71 - 155*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*79 - 133*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: MB 570-90628/7
Matrix: Water
Analysis Batch: 90628

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	ug/L			08/27/20 11:05	1
1,1,1-Trichloroethane	ND		1.0	ug/L			08/27/20 11:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L			08/27/20 11:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	ug/L			08/27/20 11:05	1
1,1,2-Trichloroethane	ND		1.0	ug/L			08/27/20 11:05	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-90628/7
Matrix: Water
Analysis Batch: 90628

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		1.0	ug/L			08/27/20 11:05	1
1,1-Dichloroethene	ND		1.0	ug/L			08/27/20 11:05	1
1,1-Dichloropropene	ND		1.0	ug/L			08/27/20 11:05	1
1,2,3-Trichlorobenzene	ND		1.0	ug/L			08/27/20 11:05	1
1,2,3-Trichloropropane	ND		5.0	ug/L			08/27/20 11:05	1
1,2,4-Trichlorobenzene	ND		1.0	ug/L			08/27/20 11:05	1
1,2,4-Trimethylbenzene	ND		1.0	ug/L			08/27/20 11:05	1
1,2-Dibromo-3-Chloropropane	ND		10	ug/L			08/27/20 11:05	1
1,2-Dibromoethane	ND		1.0	ug/L			08/27/20 11:05	1
1,2-Dichlorobenzene	ND		1.0	ug/L			08/27/20 11:05	1
1,2-Dichloroethane	ND		0.50	ug/L			08/27/20 11:05	1
1,2-Dichloropropane	ND		1.0	ug/L			08/27/20 11:05	1
1,3,5-Trimethylbenzene	ND		1.0	ug/L			08/27/20 11:05	1
1,3-Dichlorobenzene	ND		1.0	ug/L			08/27/20 11:05	1
1,3-Dichloropropane	ND		1.0	ug/L			08/27/20 11:05	1
1,4-Dichlorobenzene	ND		1.0	ug/L			08/27/20 11:05	1
2,2-Dichloropropane	ND		1.0	ug/L			08/27/20 11:05	1
2-Butanone	ND		20	ug/L			08/27/20 11:05	1
2-Chlorotoluene	ND		1.0	ug/L			08/27/20 11:05	1
2-Hexanone	ND		10	ug/L			08/27/20 11:05	1
4-Chlorotoluene	ND		1.0	ug/L			08/27/20 11:05	1
4-Methyl-2-pentanone	ND		10	ug/L			08/27/20 11:05	1
Acetone	ND		20	ug/L			08/27/20 11:05	1
Benzene	ND		0.50	ug/L			08/27/20 11:05	1
Bromobenzene	ND		1.0	ug/L			08/27/20 11:05	1
Bromochloromethane	ND		2.0	ug/L			08/27/20 11:05	1
Bromodichloromethane	ND		1.0	ug/L			08/27/20 11:05	1
Bromoform	ND		5.0	ug/L			08/27/20 11:05	1
Bromomethane	ND		50	ug/L			08/27/20 11:05	1
cis-1,2-Dichloroethene	ND		1.0	ug/L			08/27/20 11:05	1
cis-1,3-Dichloropropene	ND		0.50	ug/L			08/27/20 11:05	1
Carbon disulfide	ND		10	ug/L			08/27/20 11:05	1
Carbon tetrachloride	ND		0.50	ug/L			08/27/20 11:05	1
Chlorobenzene	ND		1.0	ug/L			08/27/20 11:05	1
Chloroethane	ND		5.0	ug/L			08/27/20 11:05	1
Chloroform	ND		1.0	ug/L			08/27/20 11:05	1
Chloromethane	ND		10	ug/L			08/27/20 11:05	1
Dibromochloromethane	ND		2.0	ug/L			08/27/20 11:05	1
Dibromomethane	ND		1.0	ug/L			08/27/20 11:05	1
Dichlorodifluoromethane	ND		5.0	ug/L			08/27/20 11:05	1
Di-isopropyl ether (DIPE)	ND		2.0	ug/L			08/27/20 11:05	1
Ethanol	ND		100	ug/L			08/27/20 11:05	1
Ethylbenzene	ND		1.0	ug/L			08/27/20 11:05	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	ug/L			08/27/20 11:05	1
Isopropylbenzene	ND		1.0	ug/L			08/27/20 11:05	1
Methylene Chloride	ND		10	ug/L			08/27/20 11:05	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	ug/L			08/27/20 11:05	1
Naphthalene	ND		10	ug/L			08/27/20 11:05	1
n-Butylbenzene	ND		1.0	ug/L			08/27/20 11:05	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-90628/7
Matrix: Water
Analysis Batch: 90628

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.0	ug/L			08/27/20 11:05	1
o-Xylene	ND		1.0	ug/L			08/27/20 11:05	1
m,p-Xylene	ND		2.0	ug/L			08/27/20 11:05	1
p-Isopropyltoluene	ND		1.0	ug/L			08/27/20 11:05	1
sec-Butylbenzene	ND		1.0	ug/L			08/27/20 11:05	1
Styrene	ND		1.0	ug/L			08/27/20 11:05	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			08/27/20 11:05	1
trans-1,3-Dichloropropene	ND		0.50	ug/L			08/27/20 11:05	1
Tert-amyl-methyl ether (TAME)	ND		2.0	ug/L			08/27/20 11:05	1
tert-Butyl alcohol (TBA)	ND		10	ug/L			08/27/20 11:05	1
tert-Butylbenzene	ND		1.0	ug/L			08/27/20 11:05	1
Tetrachloroethene	ND		1.0	ug/L			08/27/20 11:05	1
Toluene	ND		1.0	ug/L			08/27/20 11:05	1
Trichloroethene	ND		1.0	ug/L			08/27/20 11:05	1
Trichlorofluoromethane	ND		10	ug/L			08/27/20 11:05	1
Vinyl acetate	ND		10	ug/L			08/27/20 11:05	1
Vinyl chloride	ND		0.50	ug/L			08/27/20 11:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*80 - 129*		*08/27/20 11:05*	*1*
4-Bromofluorobenzene (Surr)	*104*		*77 - 120*		*08/27/20 11:05*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 128*		*08/27/20 11:05*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/27/20 11:05*	*1*

Lab Sample ID: LCS 570-90628/3
Matrix: Water
Analysis Batch: 90628

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	50.0	52.24		ug/L		104	64 - 136
1,2-Dibromoethane	50.0	50.53		ug/L		101	80 - 120
1,2-Dichlorobenzene	50.0	53.75		ug/L		107	80 - 120
1,2-Dichloroethane	50.0	50.71		ug/L		101	75 - 123
Benzene	50.0	48.89		ug/L		98	78 - 120
Carbon tetrachloride	50.0	54.12		ug/L		108	67 - 139
Chlorobenzene	50.0	51.84		ug/L		104	80 - 120
Di-isopropyl ether (DIPE)	50.0	51.44		ug/L		103	72 - 132
Ethanol	500	464.7		ug/L		93	56 - 150
Ethylbenzene	50.0	50.89		ug/L		102	80 - 120
Ethyl-t-butyl ether (ETBE)	50.0	44.73		ug/L		89	74 - 122
Methyl-t-Butyl Ether (MTBE)	50.0	49.11		ug/L		98	77 - 120
o-Xylene	50.0	52.00		ug/L		104	80 - 125
m,p-Xylene	100	100.6		ug/L		101	80 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 129*
4-Bromofluorobenzene (Surr)	*100*		*77 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 128*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-90628/3
Matrix: Water
Analysis Batch: 90628

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 570-90628/4
Matrix: Water
Analysis Batch: 90628

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	50.0	48.24		ug/L		96	64 - 136	8	30
1,2-Dibromoethane	50.0	49.70		ug/L		99	80 - 120	2	30
1,2-Dichlorobenzene	50.0	50.66		ug/L		101	80 - 120	6	20
1,2-Dichloroethane	50.0	48.71		ug/L		97	75 - 123	4	24
Benzene	50.0	46.29		ug/L		93	78 - 120	5	21
Carbon tetrachloride	50.0	51.99		ug/L		104	67 - 139	4	30
Chlorobenzene	50.0	49.19		ug/L		98	80 - 120	5	20
Di-isopropyl ether (DIPE)	50.0	48.65		ug/L		97	72 - 132	6	29
Ethanol	500	403.4		ug/L		81	56 - 150	14	30
Ethylbenzene	50.0	48.42		ug/L		97	80 - 120	5	20
Ethyl-t-butyl ether (ETBE)	50.0	41.45		ug/L		83	74 - 122	8	27
Methyl-t-Butyl Ether (MTBE)	50.0	47.07		ug/L		94	77 - 120	4	24
o-Xylene	50.0	49.33		ug/L		99	80 - 125	5	20
m,p-Xylene	100	93.35		ug/L		93	80 - 125	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 129*
4-Bromofluorobenzene (Surr)	*99*		*77 - 120*
Dibromofluoromethane (Surr)	*102*		*80 - 128*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 8270C SIM - PAHs (GC/MS SIM)

Lab Sample ID: MB 570-90261/1-A
Matrix: Water
Analysis Batch: 90396

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90261

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.20	ug/L		08/25/20 16:13	08/26/20 15:22	1
2-Methylnaphthalene	ND		0.20	ug/L		08/25/20 16:13	08/26/20 15:22	1
Acenaphthene	ND		0.20	ug/L		08/25/20 16:13	08/26/20 15:22	1
Acenaphthylene	ND		0.20	ug/L		08/25/20 16:13	08/26/20 15:22	1
Anthracene	ND		0.20	ug/L		08/25/20 16:13	08/26/20 15:22	1
Benzo[g,h,i]perylene	ND		0.20	ug/L		08/25/20 16:13	08/26/20 15:22	1
Benzo[k]fluoranthene	ND		0.20	ug/L		08/25/20 16:13	08/26/20 15:22	1
Benzo[a]anthracene	ND		0.20	ug/L		08/25/20 16:13	08/26/20 15:22	1
Benzo[a]pyrene	ND		0.20	ug/L		08/25/20 16:13	08/26/20 15:22	1
Benzo[b]fluoranthene	ND		0.20	ug/L		08/25/20 16:13	08/26/20 15:22	1
Chrysene	ND		0.20	ug/L		08/25/20 16:13	08/26/20 15:22	1
Dibenz(a,h)anthracene	ND		0.20	ug/L		08/25/20 16:13	08/26/20 15:22	1
Fluoranthene	ND		0.20	ug/L		08/25/20 16:13	08/26/20 15:22	1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: MB 570-90261/1-A
Matrix: Water
Analysis Batch: 90396

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90261

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		0.20	ug/L		08/25/20 16:13	08/26/20 15:22	1
Indeno[1,2,3-cd]pyrene	ND		0.20	ug/L		08/25/20 16:13	08/26/20 15:22	1
Naphthalene	ND		0.20	ug/L		08/25/20 16:13	08/26/20 15:22	1
Phenanthrene	ND		0.20	ug/L		08/25/20 16:13	08/26/20 15:22	1
Pyrene	ND		0.20	ug/L		08/25/20 16:13	08/26/20 15:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*66*		*33 - 144*	*08/25/20 16:13*	*08/26/20 15:22*	*1*
Nitrobenzene-d5 (Surr)	*55*		*28 - 139*	*08/25/20 16:13*	*08/26/20 15:22*	*1*
p-Terphenyl-d14 (Surr)	*74*		*23 - 160*	*08/25/20 16:13*	*08/26/20 15:22*	*1*

Lab Sample ID: LCS 570-90261/2-A
Matrix: Water
Analysis Batch: 90396

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90261

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1-Methylnaphthalene	2.00	1.463		ug/L		73	20 - 140
2-Methylnaphthalene	2.00	1.526		ug/L		76	21 - 140
Acenaphthene	2.00	1.637		ug/L		82	55 - 121
Acenaphthylene	2.00	1.699		ug/L		85	33 - 145
Anthracene	2.00	1.734		ug/L		87	27 - 133
Benzo[g,h,i]perylene	2.00	1.820		ug/L		91	25 - 157
Benzo[k]fluoranthene	2.00	2.016		ug/L		101	24 - 159
Benzo[a]anthracene	2.00	1.769		ug/L		88	33 - 143
Benzo[a]pyrene	2.00	1.897		ug/L		95	17 - 163
Benzo[b]fluoranthene	2.00	2.033		ug/L		102	24 - 159
Chrysene	2.00	1.729		ug/L		86	17 - 168
Dibenz(a,h)anthracene	2.00	1.721		ug/L		86	25 - 175
Fluoranthene	2.00	1.687		ug/L		84	26 - 137
Fluorene	2.00	1.667		ug/L		83	59 - 121
Indeno[1,2,3-cd]pyrene	2.00	1.708		ug/L		85	25 - 175
Naphthalene	2.00	1.421		ug/L		71	21 - 133
Phenanthrene	2.00	1.651		ug/L		83	54 - 120
Pyrene	2.00	1.713		ug/L		86	45 - 129

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*72*		*33 - 144*
Nitrobenzene-d5 (Surr)	*62*		*28 - 139*
p-Terphenyl-d14 (Surr)	*74*		*23 - 160*

Lab Sample ID: LCSD 570-90261/3-A
Matrix: Water
Analysis Batch: 90396

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90261

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1-Methylnaphthalene	2.00	1.608		ug/L		80	20 - 140	9	25
2-Methylnaphthalene	2.00	1.653		ug/L		83	21 - 140	8	25
Acenaphthene	2.00	1.716		ug/L		86	55 - 121	5	25

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: LCSD 570-90261/3-A
Matrix: Water
Analysis Batch: 90396

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90261

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthylene	2.00	1.799		ug/L		90	33 - 145	6	25
Anthracene	2.00	1.895		ug/L		95	27 - 133	9	25
Benzo[g,h,i]perylene	2.00	1.900		ug/L		95	25 - 157	4	25
Benzo[k]fluoranthene	2.00	2.100		ug/L		105	24 - 159	4	25
Benzo[a]anthracene	2.00	1.876		ug/L		94	33 - 143	6	25
Benzo[a]pyrene	2.00	2.020		ug/L		101	17 - 163	6	25
Benzo[b]fluoranthene	2.00	2.338		ug/L		117	24 - 159	14	25
Chrysene	2.00	1.801		ug/L		90	17 - 168	4	25
Dibenz(a,h)anthracene	2.00	1.832		ug/L		92	25 - 175	6	25
Fluoranthene	2.00	1.758		ug/L		88	26 - 137	4	25
Fluorene	2.00	1.707		ug/L		85	59 - 121	2	25
Indeno[1,2,3-cd]pyrene	2.00	1.823		ug/L		91	25 - 175	6	25
Naphthalene	2.00	1.534		ug/L		77	21 - 133	8	25
Phenanthrene	2.00	1.759		ug/L		88	54 - 120	6	25
Pyrene	2.00	1.813		ug/L		91	45 - 129	6	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*77*		*33 - 144*
Nitrobenzene-d5 (Surr)	*65*		*28 - 139*
p-Terphenyl-d14 (Surr)	*81*		*23 - 160*

Lab Sample ID: 570-36493-D-1-B MS
Matrix: Water
Analysis Batch: 90396

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 90261

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1-Methylnaphthalene	ND		2.00	1.377		ug/L		69	20 - 140
2-Methylnaphthalene	ND		2.00	1.451		ug/L		73	21 - 140
Acenaphthene	ND		2.00	1.489		ug/L		74	49 - 121
Acenaphthylene	ND		2.00	1.494		ug/L		75	33 - 145
Anthracene	ND		2.00	1.534		ug/L		77	27 - 133
Benzo[g,h,i]perylene	ND		2.00	1.713		ug/L		86	10 - 227
Benzo[k]fluoranthene	ND		2.00	1.870		ug/L		94	24 - 159
Benzo[a]anthracene	ND		2.00	1.677		ug/L		84	33 - 143
Benzo[a]pyrene	ND		2.00	1.788		ug/L		89	17 - 163
Benzo[b]fluoranthene	ND		2.00	2.084		ug/L		104	24 - 159
Chrysene	ND		2.00	1.656		ug/L		83	17 - 168
Dibenz(a,h)anthracene	ND		2.00	1.703		ug/L		85	10 - 219
Fluoranthene	ND		2.00	1.578		ug/L		79	26 - 137
Fluorene	ND		2.00	1.496		ug/L		75	59 - 121
Indeno[1,2,3-cd]pyrene	ND		2.00	1.655		ug/L		83	10 - 171
Naphthalene	ND		2.00	1.337		ug/L		67	21 - 133
Phenanthrene	ND		2.00	1.566		ug/L		78	54 - 120
Pyrene	ND		2.00	1.620		ug/L		81	18 - 168

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*67*		*33 - 144*
Nitrobenzene-d5 (Surr)	*59*		*28 - 139*

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: 570-36493-D-1-B MS
Matrix: Water
Analysis Batch: 90396

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 90261

Surrogate	MS %Recovery	MS Qualifier	Limits
p-Terphenyl-d14 (Surr)	*71*		*23 - 160*

Lab Sample ID: 570-36493-D-1-C MSD
Matrix: Water
Analysis Batch: 90396

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 90261

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1-Methylnaphthalene	ND		2.00	1.618		ug/L		81	20 - 140	16	25
2-Methylnaphthalene	ND		2.00	1.581		ug/L		79	21 - 140	9	25
Acenaphthene	ND		2.00	1.637		ug/L		82	49 - 121	9	25
Acenaphthylene	ND		2.00	1.631		ug/L		82	33 - 145	9	25
Anthracene	ND		2.00	1.732		ug/L		87	27 - 133	12	25
Benzo[g,h,i]perylene	ND		2.00	1.743		ug/L		87	10 - 227	2	25
Benzo[k]fluoranthene	ND		2.00	2.111		ug/L		106	24 - 159	12	25
Benzo[a]anthracene	ND		2.00	1.713		ug/L		86	33 - 143	2	25
Benzo[a]pyrene	ND		2.00	1.869		ug/L		93	17 - 163	4	25
Benzo[b]fluoranthene	ND		2.00	2.003		ug/L		100	24 - 159	4	25
Chrysene	ND		2.00	1.744		ug/L		87	17 - 168	5	25
Dibenz(a,h)anthracene	ND		2.00	1.667		ug/L		83	10 - 219	2	25
Fluoranthene	ND		2.00	1.667		ug/L		83	26 - 137	5	25
Fluorene	ND		2.00	1.640		ug/L		82	59 - 121	9	25
Indeno[1,2,3-cd]pyrene	ND		2.00	1.657		ug/L		83	10 - 171	0	25
Naphthalene	ND		2.00	1.434		ug/L		72	21 - 133	7	25
Phenanthrene	ND		2.00	1.621		ug/L		81	54 - 120	3	25
Pyrene	ND		2.00	1.724		ug/L		86	18 - 168	6	25

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2-Fluorobiphenyl (Surr)	*72*		*33 - 144*
Nitrobenzene-d5 (Surr)	*59*		*28 - 139*
p-Terphenyl-d14 (Surr)	*75*		*23 - 160*

Lab Sample ID: MB 570-90464/1-A
Matrix: Solid
Analysis Batch: 90405

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90464

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 11:28	1
2-Methylnaphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 11:28	1
Acenaphthene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 11:28	1
Acenaphthylene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 11:28	1
Anthracene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 11:28	1
Benzo[g,h,i]perylene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 11:28	1
Benzo[k]fluoranthene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 11:28	1
Benzo[a]anthracene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 11:28	1
Benzo[a]pyrene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 11:28	1
Benzo[b]fluoranthene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 11:28	1
Chrysene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 11:28	1
Dibenz(a,h)anthracene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 11:28	1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: MB 570-90464/1-A
Matrix: Solid
Analysis Batch: 90405

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90464

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 11:28	1
Fluorene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 11:28	1
Indeno[1,2,3-cd]pyrene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 11:28	1
Naphthalene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 11:28	1
Phenanthrene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 11:28	1
Pyrene	ND		0.020	mg/Kg		08/25/20 10:00	08/26/20 11:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*107*		*22 - 130*	*08/25/20 10:00*	*08/26/20 11:28*	*1*
Nitrobenzene-d5 (Surr)	*100*		*20 - 145*	*08/25/20 10:00*	*08/26/20 11:28*	*1*
p-Terphenyl-d14 (Surr)	*96*		*33 - 147*	*08/25/20 10:00*	*08/26/20 11:28*	*1*

Lab Sample ID: LCS 570-90464/2-A
Matrix: Solid
Analysis Batch: 90405

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90464

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1-Methylnaphthalene	0.200	0.1720		mg/Kg		86	54 - 132
2-Methylnaphthalene	0.200	0.1800		mg/Kg		90	50 - 127
Acenaphthene	0.200	0.1659		mg/Kg		83	53 - 125
Acenaphthylene	0.200	0.1932		mg/Kg		97	50 - 123
Anthracene	0.200	0.1323		mg/Kg		66	50 - 132
Benzo[g,h,i]perylene	0.200	0.1903		mg/Kg		95	50 - 130
Benzo[k]fluoranthene	0.200	0.2055		mg/Kg		103	49 - 150
Benzo[a]anthracene	0.200	0.1393		mg/Kg		70	50 - 133
Benzo[a]pyrene	0.200	0.2196		mg/Kg		110	50 - 134
Benzo[b]fluoranthene	0.200	0.2136		mg/Kg		107	50 - 142
Chrysene	0.200	0.1249		mg/Kg		62	51 - 129
Dibenz(a,h)anthracene	0.200	0.1717		mg/Kg		86	50 - 133
Fluoranthene	0.200	0.1392		mg/Kg		70	55 - 127
Fluorene	0.200	0.1809		mg/Kg		90	55 - 127
Indeno[1,2,3-cd]pyrene	0.200	0.1831		mg/Kg		92	50 - 148
Naphthalene	0.200	0.1758		mg/Kg		88	51 - 129
Phenanthrene	0.200	0.1335		mg/Kg		67	50 - 122
Pyrene	0.200	0.1467		mg/Kg		73	50 - 134

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*94*		*22 - 130*
Nitrobenzene-d5 (Surr)	*96*		*20 - 145*
p-Terphenyl-d14 (Surr)	*85*		*33 - 147*

Lab Sample ID: LCSD 570-90464/3-A
Matrix: Solid
Analysis Batch: 90405

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90464

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1-Methylnaphthalene	0.200	0.1514		mg/Kg		76	54 - 132	13	20
2-Methylnaphthalene	0.200	0.1619		mg/Kg		81	50 - 127	11	20

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: LCSD 570-90464/3-A
Matrix: Solid
Analysis Batch: 90405

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90464

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	0.200	0.1468		mg/Kg		73	53 - 125	12	20
Acenaphthylene	0.200	0.1669		mg/Kg		83	50 - 123	15	20
Anthracene	0.200	0.1240		mg/Kg		62	50 - 132	6	20
Benzo[g,h,i]perylene	0.200	0.1169	*1	mg/Kg		58	50 - 130	48	20
Benzo[k]fluoranthene	0.200	0.1288	*1	mg/Kg		64	49 - 150	46	20
Benzo[a]anthracene	0.200	0.1305		mg/Kg		65	50 - 133	7	20
Benzo[a]pyrene	0.200	0.1297	*1	mg/Kg		65	50 - 134	51	20
Benzo[b]fluoranthene	0.200	0.1149	*1	mg/Kg		57	50 - 142	60	20
Chrysene	0.200	0.1158		mg/Kg		58	51 - 129	8	20
Dibenz(a,h)anthracene	0.200	0.1327	*1	mg/Kg		66	50 - 133	26	20
Fluoranthene	0.200	0.1291		mg/Kg		65	55 - 127	8	20
Fluorene	0.200	0.1556		mg/Kg		78	55 - 127	15	20
Indeno[1,2,3-cd]pyrene	0.200	0.1269	*1	mg/Kg		63	50 - 148	36	20
Naphthalene	0.200	0.1558		mg/Kg		78	51 - 129	12	20
Phenanthrene	0.200	0.1239		mg/Kg		62	50 - 122	7	20
Pyrene	0.200	0.1241		mg/Kg		62	50 - 134	17	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*80*		*22 - 130*
Nitrobenzene-d5 (Surr)	*85*		*20 - 145*
p-Terphenyl-d14 (Surr)	*71*		*33 - 147*

Lab Sample ID: 570-36547-1 MS
Matrix: Solid
Analysis Batch: 90405

Client Sample ID: SS-6-5'
Prep Type: Total/NA
Prep Batch: 90464

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1-Methylnaphthalene	ND		0.200	0.1134		mg/Kg		57	34 - 136
2-Methylnaphthalene	ND		0.200	0.1164		mg/Kg		58	29 - 137
Acenaphthene	ND		0.200	0.1099		mg/Kg		55	29 - 137
Acenaphthylene	ND	*	0.200	0.1302		mg/Kg		65	29 - 131
Anthracene	ND		0.200	0.08506		mg/Kg		43	26 - 134
Benzo[g,h,i]perylene	ND	*1	0.200	0.1757	*1	mg/Kg		88	20 - 148
Benzo[k]fluoranthene	ND	*1	0.200	0.1150	*1	mg/Kg		58	28 - 148
Benzo[a]anthracene	ND		0.200	0.1033		mg/Kg		52	24 - 150
Benzo[a]pyrene	ND	*1	0.200	0.1566	*1	mg/Kg		78	29 - 149
Benzo[b]fluoranthene	ND	*1	0.200	0.09764	*1	mg/Kg		49	21 - 153
Chrysene	ND		0.200	0.08399		mg/Kg		42	25 - 145
Dibenz(a,h)anthracene	ND	*1	0.200	0.1116	*1	mg/Kg		56	20 - 132
Fluoranthene	ND		0.200	0.09103		mg/Kg		46	20 - 151
Fluorene	ND		0.200	0.1243		mg/Kg		62	36 - 132
Indeno[1,2,3-cd]pyrene	ND	*1	0.200	0.1209	*1	mg/Kg		61	20 - 154
Naphthalene	ND		0.200	0.1160		mg/Kg		58	20 - 150
Phenanthrene	ND	F2	0.200	0.1048		mg/Kg		53	20 - 144
Pyrene	ND		0.200	0.09576		mg/Kg		48	20 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*71*		*22 - 130*

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: 570-36547-1 MS
Matrix: Solid
Analysis Batch: 90405

Client Sample ID: SS-6-5'
Prep Type: Total/NA
Prep Batch: 90464

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*72*		*20 - 145*
p-Terphenyl-d14 (Surr)	*71*		*33 - 147*

Lab Sample ID: 570-36547-1 MSD
Matrix: Solid
Analysis Batch: 90405

Client Sample ID: SS-6-5'
Prep Type: Total/NA
Prep Batch: 90464

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1-Methylnaphthalene	ND		0.200	0.1099		mg/Kg		55	34 - 136	3	29
2-Methylnaphthalene	ND		0.200	0.1183		mg/Kg		59	29 - 137	2	31
Acenaphthene	ND		0.200	0.1138		mg/Kg		57	29 - 137	4	28
Acenaphthylene	ND	*	0.200	0.1332		mg/Kg		67	29 - 131	2	32
Anthracene	ND		0.200	0.08784		mg/Kg		44	26 - 134	3	27
Benzo[g,h,i]perylene	ND	*1	0.200	0.1550	*1	mg/Kg		78	20 - 148	13	27
Benzo[k]fluoranthene	ND	*1	0.200	0.1216	*1	mg/Kg		61	28 - 148	6	26
Benzo[a]anthracene	ND		0.200	0.1012		mg/Kg		51	24 - 150	2	24
Benzo[a]pyrene	ND	*1	0.200	0.1597	*1	mg/Kg		80	29 - 149	2	22
Benzo[b]fluoranthene	ND	*1	0.200	0.09647	*1	mg/Kg		48	21 - 153	1	26
Chrysene	ND		0.200	0.09360		mg/Kg		47	25 - 145	11	28
Dibenz(a,h)anthracene	ND	*1	0.200	0.1244	*1	mg/Kg		62	20 - 132	11	26
Fluoranthene	ND		0.200	0.08171		mg/Kg		41	20 - 151	11	26
Fluorene	ND		0.200	0.1233		mg/Kg		62	36 - 132	1	27
Indeno[1,2,3-cd]pyrene	ND	*1	0.200	0.1288	*1	mg/Kg		65	20 - 154	6	25
Naphthalene	ND		0.200	0.1128		mg/Kg		57	20 - 150	3	33
Phenanthrene	ND	F2	0.200	0.07387	F2	mg/Kg		37	20 - 144	35	27
Pyrene	ND		0.200	0.1061		mg/Kg		53	20 - 150	10	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*74*		*22 - 130*
Nitrobenzene-d5 (Surr)	*73*		*20 - 145*
p-Terphenyl-d14 (Surr)	*64*		*33 - 147*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-90398/1-A
Matrix: Water
Analysis Batch: 90499

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90398

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		50	ug/L		08/26/20 09:39	08/26/20 17:42	1
C7 as C7	ND		50	ug/L		08/26/20 09:39	08/26/20 17:42	1
C8 as C8	ND		50	ug/L		08/26/20 09:39	08/26/20 17:42	1
C9-C10	ND		50	ug/L		08/26/20 09:39	08/26/20 17:42	1
C11-C12	ND		50	ug/L		08/26/20 09:39	08/26/20 17:42	1
C13-C14	ND		50	ug/L		08/26/20 09:39	08/26/20 17:42	1
C15-C16	ND		50	ug/L		08/26/20 09:39	08/26/20 17:42	1
C17-C18	ND		50	ug/L		08/26/20 09:39	08/26/20 17:42	1
C19-C20	ND		50	ug/L		08/26/20 09:39	08/26/20 17:42	1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 570-90398/1-A
Matrix: Water
Analysis Batch: 90499

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90398

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C21-C22	ND		50	ug/L		08/26/20 09:39	08/26/20 17:42	1
C23-C24	ND		50	ug/L		08/26/20 09:39	08/26/20 17:42	1
C25-C28	ND		50	ug/L		08/26/20 09:39	08/26/20 17:42	1
C29-C32	ND		50	ug/L		08/26/20 09:39	08/26/20 17:42	1
C33-C36	ND		50	ug/L		08/26/20 09:39	08/26/20 17:42	1
C37-C40	ND		50	ug/L		08/26/20 09:39	08/26/20 17:42	1
C41-C44	ND		50	ug/L		08/26/20 09:39	08/26/20 17:42	1
C6-C44	ND		50	ug/L		08/26/20 09:39	08/26/20 17:42	1
Diesel Range Organics [C10-C28]	ND		50	ug/L		08/26/20 09:39	08/26/20 17:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*103*		*68 - 140*	*08/26/20 09:39*	*08/26/20 17:42*	*1*

Lab Sample ID: LCS 570-90398/2-A
Matrix: Water
Analysis Batch: 90499

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90398

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	2000	2109		ug/L		105	69 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*108*		*68 - 140*

Lab Sample ID: LCSD 570-90398/3-A
Matrix: Water
Analysis Batch: 90499

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90398

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	2000	2147		ug/L		107	69 - 123	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*107*		*68 - 140*

Lab Sample ID: MB 570-90449/1-A
Matrix: Solid
Analysis Batch: 90475

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90449

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 18:41	1
C7 as C7	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 18:41	1
C8 as C8	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 18:41	1
C9-C10	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 18:41	1
C11-C12	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 18:41	1
C13-C14	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 18:41	1
C15-C16	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 18:41	1
C17-C18	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 18:41	1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 570-90449/1-A
Matrix: Solid
Analysis Batch: 90475

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90449

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C19-C20	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 18:41	1
C21-C22	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 18:41	1
C23-C24	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 18:41	1
C25-C28	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 18:41	1
C29-C32	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 18:41	1
C33-C36	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 18:41	1
C37-C40	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 18:41	1
C41-C44	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 18:41	1
C6-C44	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 18:41	1
Diesel Range Organics [C10-C28]	ND		5.0	mg/Kg		08/26/20 11:27	08/26/20 18:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*91*		*61 - 145*	*08/26/20 11:27*	*08/26/20 18:41*	*1*

Lab Sample ID: LCS 570-90449/2-A
Matrix: Solid
Analysis Batch: 90475

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90449

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	400	425.0		mg/Kg		106	67 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*105*		*61 - 145*

Lab Sample ID: LCSD 570-90449/3-A
Matrix: Solid
Analysis Batch: 90475

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90449

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	400	421.4		mg/Kg		105	67 - 121	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*98*		*61 - 145*

Lab Sample ID: 570-36541-A-4-A MS
Matrix: Solid
Analysis Batch: 90475

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 90449

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	ND		415	437.8		mg/Kg		106	33 - 153

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*102*		*61 - 145*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 570-36541-A-4-B MSD
Matrix: Solid
Analysis Batch: 90475

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 90449

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		395	428.5		mg/Kg		109	33 - 153	2	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*100*		*61 - 145*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 570-89936/1-A
Matrix: Water
Analysis Batch: 89990

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89936

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.50	ug/L		08/24/20 13:11	08/25/20 15:01	1
Aroclor-1221	ND		0.50	ug/L		08/24/20 13:11	08/25/20 15:01	1
Aroclor-1232	ND		0.50	ug/L		08/24/20 13:11	08/25/20 15:01	1
Aroclor-1242	ND		0.50	ug/L		08/24/20 13:11	08/25/20 15:01	1
Aroclor-1248	ND		0.50	ug/L		08/24/20 13:11	08/25/20 15:01	1
Aroclor-1254	ND		0.50	ug/L		08/24/20 13:11	08/25/20 15:01	1
Aroclor-1260	ND		0.50	ug/L		08/24/20 13:11	08/25/20 15:01	1
Aroclor-1262	ND		0.50	ug/L		08/24/20 13:11	08/25/20 15:01	1
Aroclor-1268	ND		0.50	ug/L		08/24/20 13:11	08/25/20 15:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*69*		*20 - 139*	*08/24/20 13:11*	*08/25/20 15:01*	*1*
DCB Decachlorobiphenyl (Surr)	*67*		*20 - 154*	*08/24/20 13:11*	*08/25/20 15:01*	*1*

Lab Sample ID: LCS 570-89936/4-A
Matrix: Water
Analysis Batch: 89990

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 89936

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor-1016	1.00	0.7811		ug/L		78	50 - 135
Aroclor-1260	1.00	0.8635		ug/L		86	50 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*68*		*20 - 139*
DCB Decachlorobiphenyl (Surr)	*63*		*20 - 154*

Lab Sample ID: LCSD 570-89936/5-A
Matrix: Water
Analysis Batch: 89990

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 89936

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor-1016	1.00	0.8481		ug/L		85	50 - 135	8	25
Aroclor-1260	1.00	0.9175		ug/L		92	50 - 135	6	25

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 570-89936/5-A
Matrix: Water
Analysis Batch: 89990

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 89936

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene (Surr)	66		20 - 139
DCB Decachlorobiphenyl (Surr)	78		20 - 154

Lab Sample ID: MB 570-90086/1-A
Matrix: Solid
Analysis Batch: 90386

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90086

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	ug/Kg		08/25/20 07:33	08/26/20 11:25	1
Aroclor-1221	ND		50	ug/Kg		08/25/20 07:33	08/26/20 11:25	1
Aroclor-1232	ND		50	ug/Kg		08/25/20 07:33	08/26/20 11:25	1
Aroclor-1242	ND		50	ug/Kg		08/25/20 07:33	08/26/20 11:25	1
Aroclor-1248	ND		50	ug/Kg		08/25/20 07:33	08/26/20 11:25	1
Aroclor-1254	ND		50	ug/Kg		08/25/20 07:33	08/26/20 11:25	1
Aroclor-1260	ND		50	ug/Kg		08/25/20 07:33	08/26/20 11:25	1
Aroclor-1262	ND		50	ug/Kg		08/25/20 07:33	08/26/20 11:25	1
Aroclor-1268	ND		50	ug/Kg		08/25/20 07:33	08/26/20 11:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	72		25 - 126	08/25/20 07:33	08/26/20 11:25	1
DCB Decachlorobiphenyl (Surr)	73		20 - 155	08/25/20 07:33	08/26/20 11:25	1

Lab Sample ID: LCS 570-90086/2-A
Matrix: Solid
Analysis Batch: 90386

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90086

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor-1016	100	77.12		ug/Kg		77	50 - 142
Aroclor-1260	100	80.11		ug/Kg		80	50 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene (Surr)	77		25 - 126
DCB Decachlorobiphenyl (Surr)	79		20 - 155

Lab Sample ID: LCSD 570-90086/3-A
Matrix: Solid
Analysis Batch: 90386

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90086

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor-1016	100	81.91		ug/Kg		82	50 - 142	6	30
Aroclor-1260	100	80.55		ug/Kg		81	50 - 150	1	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene (Surr)	75		25 - 126
DCB Decachlorobiphenyl (Surr)	78		20 - 155

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 570-36547-3 MS — **Client Sample ID: SS-3-5'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90386 — **Prep Batch: 90086**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor-1016	ND		99.4	66.21		ug/Kg		67	20 - 175
Aroclor-1260	ND		99.4	67.14		ug/Kg		68	20 - 180

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*60*		*25 - 126*
DCB Decachlorobiphenyl (Surr)	*62*		*20 - 155*

Lab Sample ID: 570-36547-3 MSD — **Client Sample ID: SS-3-5'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90386 — **Prep Batch: 90086**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor-1016	ND		99.6	68.00		ug/Kg		68	20 - 175	3	40
Aroclor-1260	ND		99.6	70.57		ug/Kg		71	20 - 180	5	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*67*		*25 - 126*
DCB Decachlorobiphenyl (Surr)	*66*		*20 - 155*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-90110/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 90518 — **Prep Batch: 90110**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.100	mg/L		08/25/20 08:50	08/26/20 13:44	1
Arsenic	ND		0.100	mg/L		08/25/20 08:50	08/26/20 13:44	1
Barium	ND		0.0100	mg/L		08/25/20 08:50	08/26/20 13:44	1
Beryllium	ND		0.0100	mg/L		08/25/20 08:50	08/26/20 13:44	1
Cadmium	ND		0.0100	mg/L		08/25/20 08:50	08/26/20 13:44	1
Chromium	ND		0.0500	mg/L		08/25/20 08:50	08/26/20 13:44	1
Cobalt	ND		0.0500	mg/L		08/25/20 08:50	08/26/20 13:44	1
Copper	ND		0.0500	mg/L		08/25/20 08:50	08/26/20 13:44	1
Lead	ND		0.0500	mg/L		08/25/20 08:50	08/26/20 13:44	1
Molybdenum	ND		0.0500	mg/L		08/25/20 08:50	08/26/20 13:44	1
Nickel	ND		0.0500	mg/L		08/25/20 08:50	08/26/20 13:44	1
Selenium	ND		0.100	mg/L		08/25/20 08:50	08/26/20 13:44	1
Silver	ND		0.0100	mg/L		08/25/20 08:50	08/26/20 13:44	1
Thallium	ND		0.0500	mg/L		08/25/20 08:50	08/26/20 13:44	1
Vanadium	ND		0.0100	mg/L		08/25/20 08:50	08/26/20 13:44	1
Zinc	ND		0.250	mg/L		08/25/20 08:50	08/26/20 13:44	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 570-90110/2-A
Matrix: Water
Analysis Batch: 90518

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90110

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.500	0.4560		mg/L		91	80 - 120
Arsenic	0.500	0.4548		mg/L		91	80 - 120
Barium	0.500	0.5043		mg/L		101	80 - 120
Beryllium	0.500	0.4752		mg/L		95	80 - 120
Cadmium	0.500	0.4738		mg/L		95	80 - 120
Chromium	0.500	0.4761		mg/L		95	80 - 120
Cobalt	0.500	0.4661		mg/L		93	80 - 120
Copper	0.500	0.5000		mg/L		100	80 - 120
Lead	0.500	0.5009		mg/L		100	80 - 120
Molybdenum	0.500	0.4484		mg/L		90	80 - 120
Nickel	0.500	0.4714		mg/L		94	80 - 120
Selenium	0.500	0.4467		mg/L		89	80 - 120
Silver	0.250	0.2541		mg/L		102	80 - 120
Thallium	0.500	0.4848		mg/L		97	80 - 120
Vanadium	0.500	0.4683		mg/L		94	80 - 120
Zinc	0.500	0.4688		mg/L		94	80 - 120

Lab Sample ID: LCSD 570-90110/3-A
Matrix: Water
Analysis Batch: 90518

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90110

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	0.500	0.4554		mg/L		91	80 - 120	0	20
Arsenic	0.500	0.4556		mg/L		91	80 - 120	0	20
Barium	0.500	0.5089		mg/L		102	80 - 120	1	20
Beryllium	0.500	0.4773		mg/L		95	80 - 120	0	20
Cadmium	0.500	0.4799		mg/L		96	80 - 120	1	20
Chromium	0.500	0.4803		mg/L		96	80 - 120	1	20
Cobalt	0.500	0.4704		mg/L		94	80 - 120	1	20
Copper	0.500	0.5020		mg/L		100	80 - 120	0	20
Lead	0.500	0.5010		mg/L		100	80 - 120	0	20
Molybdenum	0.500	0.4569		mg/L		91	80 - 120	2	20
Nickel	0.500	0.4767		mg/L		95	80 - 120	1	20
Selenium	0.500	0.4474		mg/L		89	80 - 120	0	20
Silver	0.250	0.2538		mg/L		102	80 - 120	0	20
Thallium	0.500	0.4834		mg/L		97	80 - 120	0	20
Vanadium	0.500	0.4701		mg/L		94	80 - 120	0	20
Zinc	0.500	0.4767		mg/L		95	80 - 120	2	20

Lab Sample ID: 570-35844-F-1-B MS
Matrix: Water
Analysis Batch: 90518

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 90110

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		0.500	0.4240		mg/L		85	72 - 132
Arsenic	ND		0.500	0.5541		mg/L		111	80 - 140
Barium	0.0552		0.500	0.6158		mg/L		112	87 - 123
Beryllium	ND		0.500	0.5567		mg/L		111	89 - 119
Cadmium	ND		0.500	0.5791		mg/L		114	82 - 124

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-35844-F-1-B MS
Matrix: Water
Analysis Batch: 90518

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 90110

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	ND		0.500	0.5334		mg/L		107	86 - 122
Cobalt	ND		0.500	0.5331		mg/L		107	83 - 125
Copper	ND		0.500	0.5749		mg/L		113	78 - 126
Lead	ND		0.500	0.5687		mg/L		111	84 - 120
Molybdenum	ND		0.500	0.4912		mg/L		98	78 - 126
Nickel	ND		0.500	0.5544		mg/L		111	84 - 120
Selenium	ND		0.500	0.4674		mg/L		93	79 - 127
Silver	ND	F1 F2	0.250	0.04102	F1	mg/L		16	86 - 128
Thallium	ND		0.500	0.4893		mg/L		98	79 - 121
Vanadium	ND		0.500	0.5415		mg/L		107	88 - 118
Zinc	ND		0.500	0.6979		mg/L		112	89 - 131

Lab Sample ID: 570-35844-F-1-C MSD
Matrix: Water
Analysis Batch: 90518

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 90110

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND		0.500	0.4482		mg/L		90	72 - 132	6	10
Arsenic	ND		0.500	0.5492		mg/L		110	80 - 140	1	11
Barium	0.0552		0.500	0.6134		mg/L		112	87 - 123	0	6
Beryllium	ND		0.500	0.5548		mg/L		111	89 - 119	0	8
Cadmium	ND		0.500	0.5777		mg/L		114	82 - 124	0	7
Chromium	ND		0.500	0.5317		mg/L		106	86 - 122	0	8
Cobalt	ND		0.500	0.5309		mg/L		106	83 - 125	0	7
Copper	ND		0.500	0.5770		mg/L		114	78 - 126	0	7
Lead	ND		0.500	0.5702		mg/L		111	84 - 120	0	7
Molybdenum	ND		0.500	0.5070		mg/L		101	78 - 126	3	7
Nickel	ND		0.500	0.5555		mg/L		111	84 - 120	0	7
Selenium	ND		0.500	0.4999		mg/L		100	79 - 127	7	9
Silver	ND	F1 F2	0.250	0.05085	F1 F2	mg/L		20	86 - 128	21	7
Thallium	ND		0.500	0.4882		mg/L		98	79 - 121	0	8
Vanadium	ND		0.500	0.5423		mg/L		108	88 - 118	0	7
Zinc	ND		0.500	0.6929		mg/L		111	89 - 131	1	8

Lab Sample ID: MB 570-90536/1-A
Matrix: Solid
Analysis Batch: 91205

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90536

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.758	mg/Kg		08/26/20 18:30	08/29/20 10:39	1
Arsenic	ND		0.758	mg/Kg		08/26/20 18:30	08/29/20 10:39	1
Barium	ND		0.505	mg/Kg		08/26/20 18:30	08/29/20 10:39	1
Beryllium	ND		0.253	mg/Kg		08/26/20 18:30	08/29/20 10:39	1
Cadmium	ND		0.505	mg/Kg		08/26/20 18:30	08/29/20 10:39	1
Chromium	ND		0.253	mg/Kg		08/26/20 18:30	08/29/20 10:39	1
Cobalt	ND		0.253	mg/Kg		08/26/20 18:30	08/29/20 10:39	1
Copper	ND		0.505	mg/Kg		08/26/20 18:30	08/29/20 10:39	1
Lead	ND		0.505	mg/Kg		08/26/20 18:30	08/29/20 10:39	1
Molybdenum	ND		0.253	mg/Kg		08/26/20 18:30	08/29/20 10:39	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 570-90536/1-A
Matrix: Solid
Analysis Batch: 91205

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90536

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	ND		0.253	mg/Kg		08/26/20 18:30	08/29/20 10:39	1
Selenium	ND	L	0.758	mg/Kg		08/26/20 18:30	08/29/20 10:39	1
Silver	ND		0.253	mg/Kg		08/26/20 18:30	08/29/20 10:39	1
Thallium	ND		0.758	mg/Kg		08/26/20 18:30	08/29/20 10:39	1
Vanadium	ND		0.253	mg/Kg		08/26/20 18:30	08/29/20 10:39	1
Zinc	ND		1.01	mg/Kg		08/26/20 18:30	08/29/20 10:39	1

Lab Sample ID: LCS 570-90536/2-A
Matrix: Solid
Analysis Batch: 91205

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90536

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	25.1	24.87		mg/Kg		99	80 - 120
Arsenic	25.1	25.56		mg/Kg		102	80 - 120
Barium	25.1	26.82		mg/Kg		107	80 - 120
Beryllium	25.1	26.23		mg/Kg		104	80 - 120
Cadmium	25.1	26.71		mg/Kg		106	80 - 120
Chromium	25.1	26.09		mg/Kg		104	80 - 120
Cobalt	25.1	26.07		mg/Kg		104	80 - 120
Copper	25.1	27.69		mg/Kg		110	80 - 120
Lead	25.1	27.42		mg/Kg		109	80 - 120
Molybdenum	25.1	24.45		mg/Kg		97	80 - 120
Nickel	25.1	26.70		mg/Kg		106	80 - 120
Selenium	25.1	23.96		mg/Kg		95	80 - 120
Silver	12.6	13.37		mg/Kg		106	80 - 120
Thallium	25.1	26.00		mg/Kg		103	80 - 120
Vanadium	25.1	25.85		mg/Kg		103	80 - 120
Zinc	25.1	26.16		mg/Kg		104	80 - 120

Lab Sample ID: LCSD 570-90536/3-A
Matrix: Solid
Analysis Batch: 91205

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90536

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	25.3	24.77		mg/Kg		98	80 - 120	0	20
Arsenic	25.3	25.90		mg/Kg		103	80 - 120	1	20
Barium	25.3	26.94		mg/Kg		107	80 - 120	0	20
Beryllium	25.3	26.56		mg/Kg		105	80 - 120	1	20
Cadmium	25.3	27.08		mg/Kg		107	80 - 120	1	20
Chromium	25.3	26.11		mg/Kg		103	80 - 120	0	20
Cobalt	25.3	26.57		mg/Kg		105	80 - 120	2	20
Copper	25.3	27.83		mg/Kg		110	80 - 120	0	20
Lead	25.3	27.80		mg/Kg		110	80 - 120	1	20
Molybdenum	25.3	25.38		mg/Kg		100	80 - 120	4	20
Nickel	25.3	27.18		mg/Kg		108	80 - 120	2	20
Selenium	25.3	24.54		mg/Kg		97	80 - 120	2	20
Silver	12.6	13.44		mg/Kg		106	80 - 120	0	20
Thallium	25.3	25.74		mg/Kg		102	80 - 120	1	20
Vanadium	25.3	25.79		mg/Kg		102	80 - 120	0	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 570-90536/3-A
Matrix: Solid
Analysis Batch: 91205

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90536

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Zinc	25.3	26.80		mg/Kg		106	80 - 120	2	20

Lab Sample ID: 570-36547-1 MS
Matrix: Solid
Analysis Batch: 91205

Client Sample ID: SS-6-5'
Prep Type: Total/NA
Prep Batch: 90536

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND	F2 F1	25.5	6.530	F1	mg/Kg		25	50 - 115
Arsenic	5.67		25.5	31.82		mg/Kg		103	75 - 125
Barium	96.0	F1	25.5	135.0	F1	mg/Kg		153	75 - 125
Beryllium	0.552		25.5	25.50		mg/Kg		98	75 - 125
Cadmium	ND		25.5	25.17		mg/Kg		99	75 - 125
Chromium	17.7		25.5	44.69		mg/Kg		106	75 - 125
Cobalt	7.89		25.5	31.89		mg/Kg		94	75 - 125
Copper	13.5		25.5	43.71		mg/Kg		118	75 - 125
Lead	3.18		25.5	29.50		mg/Kg		103	75 - 125
Molybdenum	ND	L	25.5	21.57		mg/Kg		85	75 - 125
Nickel	15.5		25.5	41.51		mg/Kg		102	75 - 125
Selenium	ND	F1 L	25.5	17.95	F1	mg/Kg		70	75 - 125
Silver	ND		12.8	11.67		mg/Kg		91	75 - 125
Thallium	ND		25.5	20.91		mg/Kg		80	75 - 125
Vanadium	31.5		25.5	62.04		mg/Kg		120	75 - 125
Zinc	41.9		25.5	71.74		mg/Kg		117	75 - 125

Lab Sample ID: 570-36547-1 MSD
Matrix: Solid
Analysis Batch: 91205

Client Sample ID: SS-6-5'
Prep Type: Total/NA
Prep Batch: 90536

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND	F2 F1	25.6	8.237	F2 F1	mg/Kg		31	50 - 115	23	20
Arsenic	5.67		25.6	30.77		mg/Kg		98	75 - 125	3	20
Barium	96.0	F1	25.6	125.6		mg/Kg		116	75 - 125	7	20
Beryllium	0.552		25.6	26.09		mg/Kg		100	75 - 125	2	20
Cadmium	ND		25.6	25.63		mg/Kg		100	75 - 125	2	20
Chromium	17.7		25.6	44.16		mg/Kg		103	75 - 125	1	20
Cobalt	7.89		25.6	32.39		mg/Kg		96	75 - 125	2	20
Copper	13.5		25.6	43.93		mg/Kg		119	75 - 125	0	20
Lead	3.18		25.6	28.47		mg/Kg		99	75 - 125	4	20
Molybdenum	ND	L	25.6	21.86		mg/Kg		85	75 - 125	1	20
Nickel	15.5		25.6	42.26		mg/Kg		104	75 - 125	2	20
Selenium	ND	F1 L	25.6	17.36	F1	mg/Kg		68	75 - 125	3	20
Silver	ND		12.8	11.94		mg/Kg		93	75 - 125	2	20
Thallium	ND		25.6	21.55		mg/Kg		83	75 - 125	3	20
Vanadium	31.5		25.6	60.88		mg/Kg		115	75 - 125	2	20
Zinc	41.9		25.6	71.05		mg/Kg		114	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 570-90111/1-A
Matrix: Water
Analysis Batch: 90160

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90111

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500	mg/L		08/25/20 08:55	08/25/20 14:32	1

Lab Sample ID: LCS 570-90111/2-A
Matrix: Water
Analysis Batch: 90160

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90111

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.0100	0.009722		mg/L		97	80 - 120

Lab Sample ID: LCSD 570-90111/3-A
Matrix: Water
Analysis Batch: 90160

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90111

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.0100	0.009596		mg/L		96	80 - 120	1	20

Lab Sample ID: 570-35844-F-2-C MS
Matrix: Water
Analysis Batch: 90160

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 90111

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND	F1	0.0100	0.003418	F1	mg/L		34	55 - 133

Lab Sample ID: 570-35844-F-2-D MSD
Matrix: Water
Analysis Batch: 90160

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 90111

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND	F1	0.0100	0.003242	F1	mg/L		32	55 - 133	5	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 570-90537/1-A
Matrix: Solid
Analysis Batch: 90745

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90537

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0847	mg/Kg		08/26/20 18:30	08/27/20 11:03	1

Lab Sample ID: LCS 570-90537/2-A
Matrix: Solid
Analysis Batch: 90745

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90537

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.862	0.8110		mg/Kg		94	85 - 121

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: LCSD 570-90537/3-A
Matrix: Solid
Analysis Batch: 90745

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90537

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.847	0.7950		mg/Kg		94	85 - 121	2	10

Lab Sample ID: 570-36547-1 MS
Matrix: Solid
Analysis Batch: 90745

Client Sample ID: SS-6-5'
Prep Type: Total/NA
Prep Batch: 90537

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.806	0.8126		mg/Kg		95	71 - 137

Lab Sample ID: 570-36547-1 MSD
Matrix: Solid
Analysis Batch: 90745

Client Sample ID: SS-6-5'
Prep Type: Total/NA
Prep Batch: 90537

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.794	0.8092		mg/Kg		96	71 - 137	0	14

QC Association Summary

Client: Geosyntec Consultants, Inc.
Project/Site: PMG - San Pedro/ HPA1071

Job ID: 570-36547-1

GC/MS VOA

Analysis Batch: 90329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-36547-1	SS-6-5'	Total/NA	Solid	8260B	90333
570-36547-2	SS-6-8'	Total/NA	Solid	8260B	90333
570-36547-3	SS-3-5'	Total/NA	Solid	8260B	90333
570-36547-4	SS-3-8'	Total/NA	Solid	8260B	90333
570-36547-5	SS-1-5'	Total/NA	Solid	8260B	90333
570-36547-6	SS-1-8'	Total/NA	Solid	8260B	90333
570-36547-7	SS-2-5'	Total/NA	Solid	8260B	90333
570-36547-8	SS-2-8'	Total/NA	Solid	8260B	90333
570-36547-9	SS-5-5'	Total/NA	Solid	8260B	90333
570-36547-10	SS-5-8'	Total/NA	Solid	8260B	90333
570-36547-11	SS-4-5'	Total/NA	Solid	8260B	90333
570-36547-12	SS-4-8'	Total/NA	Solid	8260B	90333
MB 570-90333/3-A	Method Blank	Total/NA	Solid	8260B	90333
LCS 570-90333/1-A	Lab Control Sample	Total/NA	Solid	8260B	90333
LCSD 570-90333/2-A	Lab Control Sample Dup	Total/NA	Solid	8260B	90333
570-36547-1 MS	SS-6-5'	Total/NA	Solid	8260B	90333
570-36547-1 MSD	SS-6-5'	Total/NA	Solid	8260B	90333

Prep Batch: 90333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-36547-1	SS-6-5'	Total/NA	Solid	5030C	
570-36547-2	SS-6-8'	Total/NA	Solid	5030C	
570-36547-3	SS-3-5'	Total/NA	Solid	5030C	
570-36547-4	SS-3-8'	Total/NA	Solid	5030C	
570-36547-5	SS-1-5'	Total/NA	Solid	5030C	
570-36547-6	SS-1-8'	Total/NA	Solid	5030C	
570-36547-7	SS-2-5'	Total/NA	Solid	5030C	
570-36547-8	SS-2-8'	Total/NA	Solid	5030C	
570-36547-9	SS-5-5'	Total/NA	Solid	5030C	
570-36547-10	SS-5-8'	Total/NA	Solid	5030C	
570-36547-11	SS-4-5'	Total/NA	Solid	5030C	
570-36547-12	SS-4-8'	Total/NA	Solid	5030C	
MB 570-90333/3-A	Method Blank	Total/NA	Solid	5030C	
LCS 570-90333/1-A	Lab Control Sample	Total/NA	Solid	5030C	
LCSD 570-90333/2-A	Lab Control Sample Dup	Total/NA	Solid	5030C	
570-36547-1 MS	SS-6-5'	Total/NA	Solid	5030C	
570-36547-1 MSD	SS-6-5'	Total/NA	Solid	5030C	

Analysis Batch: 90628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-36547-13	SB-6-GW	Total/NA	Water	8260B	
570-36547-14	SB-3-GW	Total/NA	Water	8260B	
MB 570-90628/7	Method Blank	Total/NA	Water	8260B	
LCS 570-90628/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-90628/4	Lab Control Sample Dup	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 90261

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-36547-13	SB-6-GW	Total/NA	Water	3510C	

GC/MS Semi VOA (Continued)

Prep Batch: 90261 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-36547-14	SB-3-GW	Total/NA	Water	3510C	
MB 570-90261/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-90261/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-90261/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
570-36493-D-1-B MS	Matrix Spike	Total/NA	Water	3510C	
570-36493-D-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	

Analysis Batch: 90396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-36547-13	SB-6-GW	Total/NA	Water	8270C SIM	90261
570-36547-14	SB-3-GW	Total/NA	Water	8270C SIM	90261
MB 570-90261/1-A	Method Blank	Total/NA	Water	8270C SIM	90261
LCS 570-90261/2-A	Lab Control Sample	Total/NA	Water	8270C SIM	90261
LCSD 570-90261/3-A	Lab Control Sample Dup	Total/NA	Water	8270C SIM	90261
570-36493-D-1-B MS	Matrix Spike	Total/NA	Water	8270C SIM	90261
570-36493-D-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	8270C SIM	90261

Analysis Batch: 90405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-36547-1	SS-6-5'	Total/NA	Solid	8270C SIM	90464
570-36547-2	SS-6-8'	Total/NA	Solid	8270C SIM	90464
570-36547-3	SS-3-5'	Total/NA	Solid	8270C SIM	90464
570-36547-4	SS-3-8'	Total/NA	Solid	8270C SIM	90464
570-36547-5	SS-1-5'	Total/NA	Solid	8270C SIM	90464
570-36547-6	SS-1-8'	Total/NA	Solid	8270C SIM	90464
570-36547-7	SS-2-5'	Total/NA	Solid	8270C SIM	90464
570-36547-8	SS-2-8'	Total/NA	Solid	8270C SIM	90464
570-36547-9	SS-5-5'	Total/NA	Solid	8270C SIM	90464
570-36547-10	SS-5-8'	Total/NA	Solid	8270C SIM	90464
570-36547-11	SS-4-5'	Total/NA	Solid	8270C SIM	90464
570-36547-12	SS-4-8'	Total/NA	Solid	8270C SIM	90464
MB 570-90464/1-A	Method Blank	Total/NA	Solid	8270C SIM	90464
LCS 570-90464/2-A	Lab Control Sample	Total/NA	Solid	8270C SIM	90464
LCSD 570-90464/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C SIM	90464
570-36547-1 MS	SS-6-5'	Total/NA	Solid	8270C SIM	90464
570-36547-1 MSD	SS-6-5'	Total/NA	Solid	8270C SIM	90464

Prep Batch: 90464

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-36547-1	SS-6-5'	Total/NA	Solid	3545	
570-36547-2	SS-6-8'	Total/NA	Solid	3545	
570-36547-3	SS-3-5'	Total/NA	Solid	3545	
570-36547-4	SS-3-8'	Total/NA	Solid	3545	
570-36547-5	SS-1-5'	Total/NA	Solid	3545	
570-36547-6	SS-1-8'	Total/NA	Solid	3545	
570-36547-7	SS-2-5'	Total/NA	Solid	3545	
570-36547-8	SS-2-8'	Total/NA	Solid	3545	
570-36547-9	SS-5-5'	Total/NA	Solid	3545	
570-36547-10	SS-5-8'	Total/NA	Solid	3545	
570-36547-11	SS-4-5'	Total/NA	Solid	3545	
570-36547-12	SS-4-8'	Total/NA	Solid	3545	

GC/MS Semi VOA (Continued)

Prep Batch: 90464 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-90464/1-A	Method Blank	Total/NA	Solid	3545	
LCS 570-90464/2-A	Lab Control Sample	Total/NA	Solid	3545	
LCSD 570-90464/3-A	Lab Control Sample Dup	Total/NA	Solid	3545	
570-36547-1 MS	SS-6-5'	Total/NA	Solid	3545	
570-36547-1 MSD	SS-6-5'	Total/NA	Solid	3545	

GC Semi VOA

Prep Batch: 89936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-36547-13	SB-6-GW	Total/NA	Water	3510C	
570-36547-14	SB-3-GW	Total/NA	Water	3510C	
MB 570-89936/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-89936/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-89936/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 89990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-36547-13	SB-6-GW	Total/NA	Water	8082	89936
570-36547-14	SB-3-GW	Total/NA	Water	8082	89936
MB 570-89936/1-A	Method Blank	Total/NA	Water	8082	89936
LCS 570-89936/4-A	Lab Control Sample	Total/NA	Water	8082	89936
LCSD 570-89936/5-A	Lab Control Sample Dup	Total/NA	Water	8082	89936

Prep Batch: 90086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-36547-2	SS-6-8'	Total/NA	Solid	3546	
570-36547-3	SS-3-5'	Total/NA	Solid	3546	
570-36547-5	SS-1-5'	Total/NA	Solid	3546	
570-36547-8	SS-2-8'	Total/NA	Solid	3546	
570-36547-9	SS-5-5'	Total/NA	Solid	3546	
570-36547-12	SS-4-8'	Total/NA	Solid	3546	
MB 570-90086/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-90086/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-90086/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-36547-3 MS	SS-3-5'	Total/NA	Solid	3546	
570-36547-3 MSD	SS-3-5'	Total/NA	Solid	3546	

Analysis Batch: 90386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-36547-2	SS-6-8'	Total/NA	Solid	8082	90086
570-36547-3	SS-3-5'	Total/NA	Solid	8082	90086
570-36547-5	SS-1-5'	Total/NA	Solid	8082	90086
570-36547-8	SS-2-8'	Total/NA	Solid	8082	90086
570-36547-9	SS-5-5'	Total/NA	Solid	8082	90086
570-36547-12	SS-4-8'	Total/NA	Solid	8082	90086
MB 570-90086/1-A	Method Blank	Total/NA	Solid	8082	90086
LCS 570-90086/2-A	Lab Control Sample	Total/NA	Solid	8082	90086
LCSD 570-90086/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	90086
570-36547-3 MS	SS-3-5'	Total/NA	Solid	8082	90086
570-36547-3 MSD	SS-3-5'	Total/NA	Solid	8082	90086

GC Semi VOA

Prep Batch: 90398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-36547-13	SB-6-GW	Total/NA	Water	3510C	
570-36547-14	SB-3-GW	Total/NA	Water	3510C	
MB 570-90398/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-90398/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-90398/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 90449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-36547-1	SS-6-5'	Total/NA	Solid	3550C	
570-36547-2	SS-6-8'	Total/NA	Solid	3550C	
570-36547-3	SS-3-5'	Total/NA	Solid	3550C	
570-36547-4	SS-3-8'	Total/NA	Solid	3550C	
570-36547-5	SS-1-5'	Total/NA	Solid	3550C	
570-36547-6	SS-1-8'	Total/NA	Solid	3550C	
570-36547-7	SS-2-5'	Total/NA	Solid	3550C	
570-36547-8	SS-2-8'	Total/NA	Solid	3550C	
570-36547-9	SS-5-5'	Total/NA	Solid	3550C	
570-36547-10	SS-5-8'	Total/NA	Solid	3550C	
570-36547-11	SS-4-5'	Total/NA	Solid	3550C	
570-36547-12	SS-4-8'	Total/NA	Solid	3550C	
MB 570-90449/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-90449/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-90449/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
570-36541-A-4-A MS	Matrix Spike	Total/NA	Solid	3550C	
570-36541-A-4-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3550C	

Analysis Batch: 90475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-36547-1	SS-6-5'	Total/NA	Solid	8015B	90449
570-36547-2	SS-6-8'	Total/NA	Solid	8015B	90449
570-36547-3	SS-3-5'	Total/NA	Solid	8015B	90449
570-36547-4	SS-3-8'	Total/NA	Solid	8015B	90449
570-36547-5	SS-1-5'	Total/NA	Solid	8015B	90449
570-36547-6	SS-1-8'	Total/NA	Solid	8015B	90449
570-36547-7	SS-2-5'	Total/NA	Solid	8015B	90449
570-36547-8	SS-2-8'	Total/NA	Solid	8015B	90449
570-36547-9	SS-5-5'	Total/NA	Solid	8015B	90449
570-36547-10	SS-5-8'	Total/NA	Solid	8015B	90449
570-36547-11	SS-4-5'	Total/NA	Solid	8015B	90449
570-36547-12	SS-4-8'	Total/NA	Solid	8015B	90449
MB 570-90449/1-A	Method Blank	Total/NA	Solid	8015B	90449
LCS 570-90449/2-A	Lab Control Sample	Total/NA	Solid	8015B	90449
LCSD 570-90449/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	90449
570-36541-A-4-A MS	Matrix Spike	Total/NA	Solid	8015B	90449
570-36541-A-4-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	90449

Analysis Batch: 90499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-36547-13	SB-6-GW	Total/NA	Water	8015B	90398
570-36547-14	SB-3-GW	Total/NA	Water	8015B	90398
MB 570-90398/1-A	Method Blank	Total/NA	Water	8015B	90398

GC Semi VOA (Continued)

Analysis Batch: 90499 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-90398/2-A	Lab Control Sample	Total/NA	Water	8015B	90398
LCSD 570-90398/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	90398

Metals

Prep Batch: 90110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-36547-13	SB-6-GW	Total/NA	Water	3010A	
570-36547-14	SB-3-GW	Total/NA	Water	3010A	
MB 570-90110/1-A	Method Blank	Total/NA	Water	3010A	
LCS 570-90110/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 570-90110/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
570-35844-F-1-B MS	Matrix Spike	Total/NA	Water	3010A	
570-35844-F-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	

Prep Batch: 90111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-36547-13	SB-6-GW	Total/NA	Water	7470A	
570-36547-14	SB-3-GW	Total/NA	Water	7470A	
MB 570-90111/1-A	Method Blank	Total/NA	Water	7470A	
LCS 570-90111/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 570-90111/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	
570-35844-F-2-C MS	Matrix Spike	Total/NA	Water	7470A	
570-35844-F-2-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 90160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-36547-13	SB-6-GW	Total/NA	Water	7470A	90111
570-36547-14	SB-3-GW	Total/NA	Water	7470A	90111
MB 570-90111/1-A	Method Blank	Total/NA	Water	7470A	90111
LCS 570-90111/2-A	Lab Control Sample	Total/NA	Water	7470A	90111
LCSD 570-90111/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	90111
570-35844-F-2-C MS	Matrix Spike	Total/NA	Water	7470A	90111
570-35844-F-2-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	90111

Analysis Batch: 90518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-36547-13	SB-6-GW	Total/NA	Water	6010B	90110
570-36547-14	SB-3-GW	Total/NA	Water	6010B	90110
MB 570-90110/1-A	Method Blank	Total/NA	Water	6010B	90110
LCS 570-90110/2-A	Lab Control Sample	Total/NA	Water	6010B	90110
LCSD 570-90110/3-A	Lab Control Sample Dup	Total/NA	Water	6010B	90110
570-35844-F-1-B MS	Matrix Spike	Total/NA	Water	6010B	90110
570-35844-F-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010B	90110

Prep Batch: 90536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-36547-1	SS-6-5'	Total/NA	Solid	3050B	
570-36547-2	SS-6-8'	Total/NA	Solid	3050B	
570-36547-3	SS-3-5'	Total/NA	Solid	3050B	
570-36547-4	SS-3-8'	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 90536 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-36547-5	SS-1-5'	Total/NA	Solid	3050B	
570-36547-6	SS-1-8'	Total/NA	Solid	3050B	
570-36547-7	SS-2-5'	Total/NA	Solid	3050B	
570-36547-8	SS-2-8'	Total/NA	Solid	3050B	
570-36547-9	SS-5-5'	Total/NA	Solid	3050B	
570-36547-10	SS-5-8'	Total/NA	Solid	3050B	
570-36547-11	SS-4-5'	Total/NA	Solid	3050B	
570-36547-12	SS-4-8'	Total/NA	Solid	3050B	
MB 570-90536/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 570-90536/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-90536/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
570-36547-1 MS	SS-6-5'	Total/NA	Solid	3050B	
570-36547-1 MSD	SS-6-5'	Total/NA	Solid	3050B	

Prep Batch: 90537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-36547-1	SS-6-5'	Total/NA	Solid	7471A	
570-36547-2	SS-6-8'	Total/NA	Solid	7471A	
570-36547-3	SS-3-5'	Total/NA	Solid	7471A	
570-36547-4	SS-3-8'	Total/NA	Solid	7471A	
570-36547-5	SS-1-5'	Total/NA	Solid	7471A	
570-36547-6	SS-1-8'	Total/NA	Solid	7471A	
570-36547-7	SS-2-5'	Total/NA	Solid	7471A	
570-36547-8	SS-2-8'	Total/NA	Solid	7471A	
570-36547-9	SS-5-5'	Total/NA	Solid	7471A	
570-36547-10	SS-5-8'	Total/NA	Solid	7471A	
570-36547-11	SS-4-5'	Total/NA	Solid	7471A	
570-36547-12	SS-4-8'	Total/NA	Solid	7471A	
MB 570-90537/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-90537/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-90537/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
570-36547-1 MS	SS-6-5'	Total/NA	Solid	7471A	
570-36547-1 MSD	SS-6-5'	Total/NA	Solid	7471A	

Analysis Batch: 90745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-36547-1	SS-6-5'	Total/NA	Solid	7471A	90537
570-36547-2	SS-6-8'	Total/NA	Solid	7471A	90537
570-36547-3	SS-3-5'	Total/NA	Solid	7471A	90537
570-36547-4	SS-3-8'	Total/NA	Solid	7471A	90537
570-36547-5	SS-1-5'	Total/NA	Solid	7471A	90537
570-36547-6	SS-1-8'	Total/NA	Solid	7471A	90537
570-36547-7	SS-2-5'	Total/NA	Solid	7471A	90537
570-36547-8	SS-2-8'	Total/NA	Solid	7471A	90537
570-36547-9	SS-5-5'	Total/NA	Solid	7471A	90537
570-36547-10	SS-5-8'	Total/NA	Solid	7471A	90537
570-36547-11	SS-4-5'	Total/NA	Solid	7471A	90537
570-36547-12	SS-4-8'	Total/NA	Solid	7471A	90537
MB 570-90537/1-A	Method Blank	Total/NA	Solid	7471A	90537
LCS 570-90537/2-A	Lab Control Sample	Total/NA	Solid	7471A	90537
LCSD 570-90537/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	90537

Metals (Continued)

Analysis Batch: 90745 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-36547-1 MS	SS-6-5'	Total/NA	Solid	7471A	90537
570-36547-1 MSD	SS-6-5'	Total/NA	Solid	7471A	90537

Analysis Batch: 91205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-36547-1	SS-6-5'	Total/NA	Solid	6010B	90536
570-36547-2	SS-6-8'	Total/NA	Solid	6010B	90536
570-36547-3	SS-3-5'	Total/NA	Solid	6010B	90536
570-36547-4	SS-3-8'	Total/NA	Solid	6010B	90536
570-36547-5	SS-1-5'	Total/NA	Solid	6010B	90536
570-36547-6	SS-1-8'	Total/NA	Solid	6010B	90536
570-36547-7	SS-2-5'	Total/NA	Solid	6010B	90536
570-36547-8	SS-2-8'	Total/NA	Solid	6010B	90536
570-36547-9	SS-5-5'	Total/NA	Solid	6010B	90536
570-36547-10	SS-5-8'	Total/NA	Solid	6010B	90536
570-36547-11	SS-4-5'	Total/NA	Solid	6010B	90536
570-36547-12	SS-4-8'	Total/NA	Solid	6010B	90536
MB 570-90536/1-A	Method Blank	Total/NA	Solid	6010B	90536
LCS 570-90536/2-A	Lab Control Sample	Total/NA	Solid	6010B	90536
LCSD 570-90536/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	90536
570-36547-1 MS	SS-6-5'	Total/NA	Solid	6010B	90536
570-36547-1 MSD	SS-6-5'	Total/NA	Solid	6010B	90536

Lab Chronicle

Client: Geosyntec Consultants, Inc.
Project/Site: PMG - San Pedro/ HPA1071

Job ID: 570-36547-1

Client Sample ID: SS-6-5'

Date Collected: 08/21/20 07:30
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.05 g	5 mL	90333	08/26/20 11:23	BE5H	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	90329	08/26/20 11:53	USQD	ECL 2
	Instrument ID: GCMSGGG									
Total/NA	Prep	3545			10.07 g	2 mL	90464	08/25/20 10:00	USUL	ECL 1
Total/NA	Analysis	8270C SIM		1			90405	08/26/20 13:00	AJ2Q	ECL 1
	Instrument ID: GCMSMM									
Total/NA	Prep	3550C			10.21 g	10 mL	90449	08/26/20 11:27	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			90475	08/26/20 21:41	N5Y3	ECL 1
	Instrument ID: GC46									
Total/NA	Prep	3050B			2.03 g	100 mL	90536	08/26/20 18:30	SP7J	ECL 1
Total/NA	Analysis	6010B		1			91205	08/29/20 10:47	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.61 g	100 mL	90537	08/26/20 18:30	SP7J	ECL 1
Total/NA	Analysis	7471A		1			90745	08/27/20 11:15	MD3A	ECL 1
	Instrument ID: HG7									

Client Sample ID: SS-6-8'

Date Collected: 08/21/20 07:48
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			4.91 g	5 mL	90333	08/26/20 11:23	BE5H	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	90329	08/26/20 14:42	USQD	ECL 2
	Instrument ID: GCMSGGG									
Total/NA	Prep	3545			9.92 g	2 mL	90464	08/25/20 10:00	USUL	ECL 1
Total/NA	Analysis	8270C SIM		1			90405	08/26/20 14:54	AJ2Q	ECL 1
	Instrument ID: GCMSMM									
Total/NA	Prep	3550C			10.54 g	10 mL	90449	08/26/20 11:27	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			90475	08/26/20 22:25	N5Y3	ECL 1
	Instrument ID: GC46									
Total/NA	Prep	3546			19.95 g	10 mL	90086	08/25/20 07:33	F7UI	ECL 1
Total/NA	Analysis	8082		1			90386	08/26/20 12:55	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3050B			2.04 g	100 mL	90536	08/26/20 18:30	SP7J	ECL 1
Total/NA	Analysis	6010B		1			91205	08/29/20 11:04	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.62 g	100 mL	90537	08/26/20 18:30	SP7J	ECL 1
Total/NA	Analysis	7471A		1			90745	08/27/20 11:21	MD3A	ECL 1
	Instrument ID: HG7									

Lab Chronicle

Client: Geosyntec Consultants, Inc.
Project/Site: PMG - San Pedro/ HPA1071

Job ID: 570-36547-1

Client Sample ID: SS-3-5'

Date Collected: 08/21/20 09:05
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			4.96 g	5 mL	90333	08/26/20 11:23	BE5H	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	90329	08/26/20 15:08	USQD	ECL 2
	Instrument ID: GCMSGGG									
Total/NA	Prep	3545			10.01 g	2 mL	90464	08/25/20 10:00	USUL	ECL 1
Total/NA	Analysis	8270C SIM		1			90405	08/26/20 15:17	AJ2Q	ECL 1
	Instrument ID: GCMSMM									
Total/NA	Prep	3550C			10.40 g	10 mL	90449	08/26/20 11:27	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			90475	08/26/20 22:48	N5Y3	ECL 1
	Instrument ID: GC46									
Total/NA	Prep	3546			20.12 g	10 mL	90086	08/25/20 07:33	F7UI	ECL 1
Total/NA	Analysis	8082		1			90386	08/26/20 13:13	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3050B			2.05 g	100 mL	90536	08/26/20 18:30	SP7J	ECL 1
Total/NA	Analysis	6010B		1			91205	08/29/20 11:06	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.60 g	100 mL	90537	08/26/20 18:30	SP7J	ECL 1
Total/NA	Analysis	7471A		1			90745	08/27/20 11:24	MD3A	ECL 1
	Instrument ID: HG7									

Client Sample ID: SS-3-8'

Date Collected: 08/21/20 09:15
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			4.83 g	5 mL	90333	08/26/20 11:23	BE5H	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	90329	08/26/20 15:33	USQD	ECL 2
	Instrument ID: GCMSGGG									
Total/NA	Prep	3545			10.12 g	2 mL	90464	08/25/20 10:00	USUL	ECL 1
Total/NA	Analysis	8270C SIM		1			90405	08/26/20 15:41	AJ2Q	ECL 1
	Instrument ID: GCMSMM									
Total/NA	Prep	3550C			9.85 g	10 mL	90449	08/26/20 11:27	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			90475	08/26/20 23:11	N5Y3	ECL 1
	Instrument ID: GC46									
Total/NA	Prep	3050B			2.03 g	100 mL	90536	08/26/20 18:30	SP7J	ECL 1
Total/NA	Analysis	6010B		1			91205	08/29/20 11:08	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.60 g	100 mL	90537	08/26/20 18:30	SP7J	ECL 1
Total/NA	Analysis	7471A		1			90745	08/27/20 11:26	MD3A	ECL 1
	Instrument ID: HG7									

Lab Chronicle

Client: Geosyntec Consultants, Inc.
Project/Site: PMG - San Pedro/ HPA1071

Job ID: 570-36547-1

Client Sample ID: SS-1-5'

Date Collected: 08/21/20 10:25
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.13 g	5 mL	90333	08/26/20 11:23	BE5H	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	90329	08/26/20 15:59	USQD	ECL 2
	Instrument ID: GCMSGGG									
Total/NA	Prep	3545			10.01 g	2 mL	90464	08/25/20 10:00	USUL	ECL 1
Total/NA	Analysis	8270C SIM		1			90405	08/26/20 16:04	AJ2Q	ECL 1
	Instrument ID: GCMSMM									
Total/NA	Prep	3550C			10.03 g	10 mL	90449	08/26/20 11:27	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			90475	08/26/20 23:34	N5Y3	ECL 1
	Instrument ID: GC46									
Total/NA	Prep	3546			20.08 g	10 mL	90086	08/25/20 07:33	F7UI	ECL 1
Total/NA	Analysis	8082		1			90386	08/26/20 13:31	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3050B			2.05 g	100 mL	90536	08/26/20 18:30	SP7J	ECL 1
Total/NA	Analysis	6010B		1			91205	08/29/20 11:10	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.58 g	100 mL	90537	08/26/20 18:30	SP7J	ECL 1
Total/NA	Analysis	7471A		1			90745	08/27/20 11:28	MD3A	ECL 1
	Instrument ID: HG7									

Client Sample ID: SS-1-8'

Date Collected: 08/21/20 10:35
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			4.91 g	5 mL	90333	08/26/20 11:23	BE5H	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	90329	08/26/20 16:24	USQD	ECL 2
	Instrument ID: GCMSGGG									
Total/NA	Prep	3545			9.94 g	2 mL	90464	08/25/20 10:00	USUL	ECL 1
Total/NA	Analysis	8270C SIM		1			90405	08/26/20 16:27	AJ2Q	ECL 1
	Instrument ID: GCMSMM									
Total/NA	Prep	3550C			10.15 g	10 mL	90449	08/26/20 11:27	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			90475	08/26/20 23:56	N5Y3	ECL 1
	Instrument ID: GC46									
Total/NA	Prep	3050B			2.09 g	100 mL	90536	08/26/20 18:30	SP7J	ECL 1
Total/NA	Analysis	6010B		1			91205	08/29/20 11:12	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.59 g	100 mL	90537	08/26/20 18:30	SP7J	ECL 1
Total/NA	Analysis	7471A		1			90745	08/27/20 11:31	MD3A	ECL 1
	Instrument ID: HG7									

Lab Chronicle

Client: Geosyntec Consultants, Inc.
Project/Site: PMG - San Pedro/ HPA1071

Job ID: 570-36547-1

Client Sample ID: SS-2-5'

Date Collected: 08/21/20 11:00
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			4.89 g	5 mL	90333	08/26/20 11:23	BE5H	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	90329	08/26/20 16:50	USQD	ECL 2
	Instrument ID: GCMSGGG									
Total/NA	Prep	3545			10.11 g	2 mL	90464	08/25/20 10:00	USUL	ECL 1
Total/NA	Analysis	8270C SIM		1			90405	08/26/20 16:50	AJ2Q	ECL 1
	Instrument ID: GCMSMM									
Total/NA	Prep	3550C			10.59 g	10 mL	90449	08/26/20 11:27	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			90475	08/27/20 00:19	N5Y3	ECL 1
	Instrument ID: GC46									
Total/NA	Prep	3050B			2.06 g	100 mL	90536	08/26/20 18:30	SP7J	ECL 1
Total/NA	Analysis	6010B		1			91205	08/29/20 11:14	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.59 g	100 mL	90537	08/26/20 18:30	SP7J	ECL 1
Total/NA	Analysis	7471A		1			90745	08/27/20 11:33	MD3A	ECL 1
	Instrument ID: HG7									

Client Sample ID: SS-2-8'

Date Collected: 08/21/20 11:15
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			4.90 g	5 mL	90333	08/26/20 11:23	BE5H	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	90329	08/26/20 17:15	USQD	ECL 2
	Instrument ID: GCMSGGG									
Total/NA	Prep	3545			9.95 g	2 mL	90464	08/25/20 10:00	USUL	ECL 1
Total/NA	Analysis	8270C SIM		1			90405	08/26/20 17:13	AJ2Q	ECL 1
	Instrument ID: GCMSMM									
Total/NA	Prep	3550C			10.45 g	10 mL	90449	08/26/20 11:27	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			90475	08/27/20 00:43	N5Y3	ECL 1
	Instrument ID: GC46									
Total/NA	Prep	3546			20.10 g	10 mL	90086	08/25/20 07:33	F7UI	ECL 1
Total/NA	Analysis	8082		1			90386	08/26/20 13:49	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3050B			2.07 g	100 mL	90536	08/26/20 18:30	SP7J	ECL 1
Total/NA	Analysis	6010B		1			91205	08/29/20 11:16	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.61 g	100 mL	90537	08/26/20 18:30	SP7J	ECL 1
Total/NA	Analysis	7471A		1			90745	08/27/20 11:35	MD3A	ECL 1
	Instrument ID: HG7									

Client Sample ID: SS-5-5'

Date Collected: 08/21/20 11:40
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.12 g	5 mL	90333	08/26/20 11:23	BE5H	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	90329	08/26/20 17:41	USQD	ECL 2
	Instrument ID: GCMSGGG									
Total/NA	Prep	3545			10.06 g	2 mL	90464	08/25/20 10:00	USUL	ECL 1
Total/NA	Analysis	8270C SIM		1			90405	08/26/20 17:36	AJ2Q	ECL 1
	Instrument ID: GCMSMM									
Total/NA	Prep	3550C			10.46 g	10 mL	90449	08/26/20 11:27	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			90475	08/27/20 01:04	N5Y3	ECL 1
	Instrument ID: GC46									
Total/NA	Prep	3546			19.96 g	10 mL	90086	08/25/20 07:33	F7UI	ECL 1
Total/NA	Analysis	8082		1			90386	08/26/20 14:07	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3050B			1.94 g	100 mL	90536	08/26/20 18:30	SP7J	ECL 1
Total/NA	Analysis	6010B		1			91205	08/29/20 11:18	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.59 g	100 mL	90537	08/26/20 18:30	SP7J	ECL 1
Total/NA	Analysis	7471A		1			90745	08/27/20 11:42	MD3A	ECL 1
	Instrument ID: HG7									

Client Sample ID: SS-5-8'

Date Collected: 08/21/20 11:50
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			4.94 g	5 mL	90333	08/26/20 11:23	BE5H	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	90329	08/26/20 18:06	USQD	ECL 2
	Instrument ID: GCMSGGG									
Total/NA	Prep	3545			10.13 g	10 mL	90464	08/25/20 10:00	USUL	ECL 1
Total/NA	Analysis	8270C SIM		10			90405	08/26/20 17:59	AJ2Q	ECL 1
	Instrument ID: GCMSMM									
Total/NA	Prep	3550C			9.75 g	10 mL	90449	08/26/20 11:27	N5Y3	ECL 1
Total/NA	Analysis	8015B		20			90475	08/27/20 12:22	N5Y3	ECL 1
	Instrument ID: GC46									
Total/NA	Prep	3050B			1.92 g	100 mL	90536	08/26/20 18:30	SP7J	ECL 1
Total/NA	Analysis	6010B		1			91205	08/29/20 11:20	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.58 g	100 mL	90537	08/26/20 18:30	SP7J	ECL 1
Total/NA	Analysis	7471A		1			90745	08/27/20 11:44	MD3A	ECL 1
	Instrument ID: HG7									

Lab Chronicle

Client: Geosyntec Consultants, Inc.
Project/Site: PMG - San Pedro/ HPA1071

Job ID: 570-36547-1

Client Sample ID: SS-4-5'

Date Collected: 08/21/20 13:00
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			4.85 g	5 mL	90333	08/26/20 11:23	BE5H	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	90329	08/26/20 18:31	USQD	ECL 2
	Instrument ID: GCMSGGG									
Total/NA	Prep	3545			10.17 g	2 mL	90464	08/25/20 10:00	USUL	ECL 1
Total/NA	Analysis	8270C SIM		1			90405	08/26/20 18:23	AJ2Q	ECL 1
	Instrument ID: GCMSMM									
Total/NA	Prep	3550C			10.32 g	10 mL	90449	08/26/20 11:27	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			90475	08/27/20 01:50	N5Y3	ECL 1
	Instrument ID: GC46									
Total/NA	Prep	3050B			1.99 g	100 mL	90536	08/26/20 18:30	SP7J	ECL 1
Total/NA	Analysis	6010B		1			91205	08/29/20 11:32	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.59 g	100 mL	90537	08/26/20 18:30	SP7J	ECL 1
Total/NA	Analysis	7471A		1			90745	08/27/20 11:47	MD3A	ECL 1
	Instrument ID: HG7									

Client Sample ID: SS-4-8'

Date Collected: 08/21/20 13:10
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			4.84 g	5 mL	90333	08/26/20 11:23	BE5H	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	90329	08/26/20 18:57	USQD	ECL 2
	Instrument ID: GCMSGGG									
Total/NA	Prep	3545			10.13 g	2 mL	90464	08/25/20 10:00	USUL	ECL 1
Total/NA	Analysis	8270C SIM		1			90405	08/26/20 18:46	AJ2Q	ECL 1
	Instrument ID: GCMSMM									
Total/NA	Prep	3550C			10.70 g	10 mL	90449	08/26/20 11:27	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			90475	08/27/20 02:13	N5Y3	ECL 1
	Instrument ID: GC46									
Total/NA	Prep	3546			20.02 g	10 mL	90086	08/25/20 07:33	F7UI	ECL 1
Total/NA	Analysis	8082		1	1 mL	1.0 mL	90386	08/26/20 21:19	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3050B			2.03 g	100 mL	90536	08/26/20 18:30	SP7J	ECL 1
Total/NA	Analysis	6010B		1			91205	08/29/20 11:34	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.63 g	100 mL	90537	08/26/20 18:30	SP7J	ECL 1
Total/NA	Analysis	7471A		1			90745	08/27/20 11:49	MD3A	ECL 1
	Instrument ID: HG7									

Lab Chronicle

Client: Geosyntec Consultants, Inc.
Project/Site: PMG - San Pedro/ HPA1071

Job ID: 570-36547-1

Client Sample ID: SB-6-GW

Date Collected: 08/21/20 08:30
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	5 mL	5 mL	90628	08/27/20 13:22	NET3	ECL 2
	Instrument ID: GCMSW									
Total/NA	Prep	3510C			845.8 mL	2 mL	90261	08/25/20 16:13	SAL	ECL 1
Total/NA	Analysis	8270C SIM		1			90396	08/26/20 17:59	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Prep	3510C			500 mL	2.5 mL	90398	08/26/20 09:39	UFLU	ECL 1
Total/NA	Analysis	8015B		1			90499	08/26/20 23:03	N5Y3	ECL 1
	Instrument ID: GC48									
Total/NA	Prep	3510C			780.8 mL	5 mL	89936	08/24/20 13:11	SAL	ECL 1
Total/NA	Analysis	8082		1			89990	08/25/20 17:07	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3010A			50 mL	50 mL	90110	08/25/20 08:50	WL8G	ECL 1
Total/NA	Analysis	6010B		1			90518	08/26/20 15:21	ULPF	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7470A			50 mL	100 mL	90111	08/25/20 08:55	WL8G	ECL 1
Total/NA	Analysis	7470A		1			90160	08/25/20 15:16	MD3A	ECL 1
	Instrument ID: HG8									

Client Sample ID: SB-3-GW

Date Collected: 08/21/20 09:30
Date Received: 08/21/20 15:20

Lab Sample ID: 570-36547-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	5 mL	5 mL	90628	08/27/20 13:49	NET3	ECL 2
	Instrument ID: GCMSW									
Total/NA	Prep	3510C			847.3 mL	2 mL	90261	08/25/20 16:13	SAL	ECL 1
Total/NA	Analysis	8270C SIM		1			90396	08/26/20 18:19	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Prep	3510C			500 mL	2.5 mL	90398	08/26/20 09:39	UFLU	ECL 1
Total/NA	Analysis	8015B		1			90499	08/26/20 23:25	N5Y3	ECL 1
	Instrument ID: GC48									
Total/NA	Prep	3510C			799.6 mL	5 mL	89936	08/24/20 13:11	SAL	ECL 1
Total/NA	Analysis	8082		1			89990	08/25/20 17:25	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3010A			50 mL	50 mL	90110	08/25/20 08:50	WL8G	ECL 1
Total/NA	Analysis	6010B		1			90518	08/26/20 15:23	ULPF	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7470A			50 mL	100 mL	90111	08/25/20 08:55	WL8G	ECL 1
Total/NA	Analysis	7470A		1			90160	08/25/20 15:18	MD3A	ECL 1
	Instrument ID: HG8									

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: Geosyntec Consultants, Inc.
Job ID: 570-36547-1
Project/Site: PMG - San Pedro/ HPA1071

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10109	09-29-20
California	SCAQMD LAP	17LA0919	11-30-20
California	State	2944	09-29-20
Guam	State	20-003R	10-31-20
Oregon	NELAP	CA300001	01-29-21
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-20

Method Summary

Client: Geosyntec Consultants, Inc.
Project/Site: PMG - San Pedro/ HPA1071

Job ID: 570-36547-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
8270C SIM	PAHs (GC/MS SIM)	SW846	ECL 1
8015B	Diesel Range Organics (DRO) (GC)	SW846	ECL 1
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	ECL 1
6010B	Metals (ICP)	SW846	ECL 1
7470A	Mercury (CVAA)	SW846	ECL 1
7471A	Mercury (CVAA)	SW846	ECL 1
3010A	Preparation, Total Metals	SW846	ECL 1
3050B	Preparation, Metals	SW846	ECL 1
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	ECL 1
3545	Pressurized Fluid Extraction	SW846	ECL 1
3546	Microwave Extraction	SW846	ECL 1
3550C	Ultrasonic Extraction	SW846	ECL 2
5030C	Purge and Trap	SW846	ECL 1
7470A	Preparation, Mercury	SW846	ECL 1
7471A	Preparation, Mercury		

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: Geosyntec Consultants, Inc.
Project/Site: PMG - San Pedro/ HPA1071

Job ID: 570-36547-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-36547-1	SS-6-5'	Solid	08/21/20 07:30	08/21/20 15:20	
570-36547-2	SS-6-8'	Solid	08/21/20 07:48	08/21/20 15:20	
570-36547-3	SS-3-5'	Solid	08/21/20 09:05	08/21/20 15:20	
570-36547-4	SS-3-8'	Solid	08/21/20 09:15	08/21/20 15:20	
570-36547-5	SS-1-5'	Solid	08/21/20 10:25	08/21/20 15:20	
570-36547-6	SS-1-8'	Solid	08/21/20 10:35	08/21/20 15:20	
570-36547-7	SS-2-5'	Solid	08/21/20 11:00	08/21/20 15:20	
570-36547-8	SS-2-8'	Solid	08/21/20 11:15	08/21/20 15:20	
570-36547-9	SS-5-5'	Solid	08/21/20 11:40	08/21/20 15:20	
570-36547-10	SS-5-8'	Solid	08/21/20 11:50	08/21/20 15:20	
570-36547-11	SS-4-5'	Solid	08/21/20 13:00	08/21/20 15:20	
570-36547-12	SS-4-8'	Solid	08/21/20 13:10	08/21/20 15:20	
570-36547-13	SB-6-GW	Water	08/21/20 08:30	08/21/20 15:20	
570-36547-14	SB-3-GW	Water	08/21/20 09:30	08/21/20 15:20	

36547

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570-36547 Chain of Custody

CHAIN OF CUSTODY RECORD

DATE: 8/21/20

PAGE: 1 OF 3

LABORATORY CLIENT: GEOSYNTEC

ADDRESS: 65 N. Raymond Ave. Ste. 200

CITY: Pasadena STATE: CA ZIP: 91103

TEL: 626 485 6141 E-MAIL: jmadi@geosyntec.com

CLIENT PROJECT NAME / NUMBER: PMG - San Pedro HPA 1071

PROJECT CONTACT: Mital Desai mdesai@geosyntec.com

P.O. NO.: HPA 1071

SAMPLER(S): (PRINT) JMADI

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

☐ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH ☑	BTEX / MTBE ☐ 8260 ☐	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☒ 8270 SIM	T22 Metals ☒ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6
1	SS-6-5'	8/21/20	0730	Soil	1							X		X						X	X	
2	SS-6-8'		0748									X		X					X	X	X	
3	SS-3-5'		0905									X		X					X	X	X	
4	SS-3-8		0915									X		X						X	X	
5	SS-1-5		1025									X		X					X	X	X	
6	SS-1-8		1035									X		X						X	X	
7	SS-2-5		1100									X		X						X	X	
8	SS-2-8		1115									X		X					X	X	X	
9	SS-5-5		1140									X		X					X	X	X	
10	SS-5-8		1150									X		X						X	X	

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
8/21/20 1520	Dannyle EZ	8/21/20	15:20
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

4.0/2 S.Ch

06/02/14 Revision

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8/30/2020

36547

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CHAIN OF CUSTODY RECORD

DATE: 8/21/20

PAGE: 2 OF ~~2~~ 3

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LABORATORY CLIENT: GEOSYNTEC

ADDRESS: 65 N. RAYMOND AVE STE. 200

CITY: Pasadena STATE: CA ZIP: 91103

TEL: 626 485 6141 E-MAIL: jnandi@geosyntec.com

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"): ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS:

CLIENT PROJECT NAME / NUMBER: PMG - San Pedro

P.O. NO.: HPA 1071

PROJECT CONTACT: Mital Desai mdesai@geosyntec.com

SAMPLER(S): (PRINT) JNandi

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH -CC	BTEX / MTBE ☐ 8260 ☐	VOCs (8260)	Oxygenates (8260)	Prep (5035): ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs: ☐ 8270 ☒ 8270 SIM	T22 Metals: ☒ 6010/747X ☐ 6020/747X	Cr(VI): ☐ 7196 ☐ 7199 ☐ 218.6				
11	SS-4-5	8/21/20	1300	Soil	1							X		X						X	X					
12	SS-4-8	8/21/20	1310	Soil	1							X		X					X	X	X					

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
[signature] 8/21/20 1520	[signature] EZ	8/21/20	15:20
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

06/02/14 Revision

36547

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CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY

DATE: 8/21/2020

PAGE: 3 OF 3

LABORATORY CLIENT: Geosyntec

ADDRESS: 605 N. Raymond Ave Ste. 200

CITY: Pasadena STATE: CA ZIP: 91103

TEL: 626 485 6141 E-MAIL: jmanli@geosyntec.com

CLIENT PROJECT NAME / NUMBER: PMG - San Pedro

P.O. NO.: HPA1071

PROJECT CONTACT: Mital Desai mdesai@geosyntec.com

SAMPLER(S): (PRINT) JManli

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C30 ☐ C6-C44 CC Bolsa	TPH ____	BTEX / MTBE ☐ 8260 ☐ ____	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☒ 8270 SIM	T22 Metals ☒ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6
13	SB-6-GW	8/21/20	0830	GW	7						X			X					X	X	X	
14	SB-3-GW	8/21/20	0930	GW	7						X			X					X	X	X	

JM 8/21/20

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
8/21/20 1820	Danny Le	8/21/20	15:20
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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8/30/2020

Login Sample Receipt Checklist

Client: Geosyntec Consultants, Inc.

Job Number: 570-36547-1

Login Number: 36547
List Number: 1
Creator: Patel, Jayesh

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

EXHIBIT G – LIST OF ENVIRONMENTAL REGULATED MATERIALS

- Acetylene
- Diesel Fuel No. 2
- Ethylene Glycol
- Gasoline
- Motor Oil
- Oxygen
- Propane

This list of environmentally regulated materials was generated from the Port Maintenance Group Hazardous Materials Inventory contained in the 2019 California Environmental Reporting System Submittal, provided by the tenant February 2019 and email correspondence with the tenant in December 2020.

Rev. 12-9-2020

EXHIBIT H – PORT ENVIRONMENTAL POLICIES

APPLICABLE ENVIRONMENTAL POLICIES, RULES AND DIRECTIVES OF CITY'S HARBOR DEPARTMENT

1. Port of Los Angeles Environmental Management Policy, as amended, or its successor policy. Available at: https://www.portoflosangeles.org/environment/environmental-management-policy.
2. San Pedro Bay Ports Clean Air Action Plan, as amended, or its successor plan/document. Available at: http://www.cleanairactionplan.org.
3. Port of Los Angeles and Port of Long Beach Water Resources Action Pan or its successor plan/document. Available at: https://www.portoflosangeles.org/environment/water-and-sediment-quality/water-resources-action-plan.
4. Port of Los Angeles Green Building Policy (2007), as amended, or its successor policy.
5. Port of Los Angeles Sustainable Construction Guidelines (2008), as amended, or its successor document.
6. Resolution No. 5317 – Policy for Operation of Hazardous Waste Transfer, Storage and Disposal (TSD) Facilities on Harbor Department Property and any amendments or successor resolution.
7. Tenant acknowledges that City as provided copies or made copies available via the Port's website, of the above policies to the Tenant.

Rev. 12-9-2020

EXHIBIT I – ENVIRONMENTAL COMPLIANCE REQUIREMENTS

Cleanest Available Cargo Handling Equipment.

Tenant shall notify LAHD prior to purchase of new cargo handling equipment. Tenant shall replace cargo handling equipment with the cleanest available equipment anytime new or replacement equipment is purchased, with a first preference for zero-emission equipment, a second preference for near-zero equipment, and third for the cleanest available if zero or near-zero equipment is not feasible, provided that LAHD shall conduct engineering assessments to confirm that such equipment is capable of installation at the facility. Starting one year after the effective date of a new entitlement between the Tenant and the LAHD, tenant shall submit to the Port an equipment inventory and 5-year procurement plan for new cargo-handling equipment, and infrastructure, and will update the procurement plan annually in order to assist with planning for transition of equipment to zero emissions in accordance with the foregoing paragraph.

Rev. 12-9-2020

EXHIBIT J – CITY MAINTENANCE RESPONSIBILITIES

“Roof (excluding gutters) and Fire Suppression system”

EXHIBIT K- INSURANCE REQUIREMENTS

INSURANCE ASSESSMENT REQUEST FORM

Send completed form in Word format to polariskmgmt@portla.org for processing. Please allow up to 10 business days for completed IAR to be returned. For status inquires, contact Risk Management at 310-732-3758.

This section to be completed by Risk Management	
☐ No insurance required, only indemnification ☐ Amendment does not require change to existing contract's insurance requirements	
INSURANCE REQUIREMENTS	**LIMITS (Per Occurrence)**
■ General Liability ☐ Deletion of railroad exclusion ☐ Terminal Operator's Liability ☐ Garage keepers Legal Liability ☐ Host Liquor Liability ☐ Explosion, collapse and underground hazards ■ Fire Legal Liability (Limits $250K per occ)	$1M
■ Auto Liability (all autos) ☐ On Hook Coverage	$1M
■ Workers' Compensation/Employer's Liability ☐ USL&H ■ Waiver of Subrogation	STATUTORY
☐ Professional Liability ☐ Medical Malpractice ☐ Law Enforcement Legal Liability ☐ Technology Errors & Omissions (E&O)	$
☐ Railroad Protective Liability naming Pacific Harbor Line as the named insured	$
☐ Ocean Marine Liability ☐ Protective & Indemnity ☐ Jones Act ☐ Hull & Machinery ☐ Ship Builders/Repairers Liability	$
■ Property/All Risk Insurance	100% replacement value over $250K
☐ Environmental Impairment Liability	$
☐ Builder's Risk (Reference Specification for exclusions)	Value of the project
☐ Fine Arts Insurance	Actual cash value
☐ Aviation/Airport Liability ☐ Aircraft Liability (passenger liability per seat) ☐ Unmanned Aircraft Systems Liability	$

Date Reviewed: 6/9/2020 **By:** Marie Gutierrez for:
Risk Manager

RM Staff: GT

EXHIBIT L – LOS ANGELES ADMINISTRATIVE CODE: AFFIRMATIVE ACTION

(These provisions are attached for Tenant reference only)

Sec. 10.8.4 Affirmative Action Program Provisions.

Every non-construction contract with or on behalf of the City of Los Angeles for which the consideration is $100,000 or more and every construction contract with or on behalf of the City of Los Angeles for which the consideration is $5,000 or more shall contain the following provisions which shall be designated as the AFFIRMATIVE ACTION PROGRAM provisions of such contract:

A. During the performance of a City contract, the contractor certifies and represents that the contractor and each subcontractor hereunder will adhere to an affirmative action program to ensure that in its employment practices, persons are employed and employees are treated equally and without regard to or because of race, religion, ancestry, national origin, sex, sexual orientation, age, disability, marital status or medical condition.

1. This provision applies to work or services performed or materials manufactured or assembled in the United States.

2. Nothing in this section shall require or prohibit the establishment of new classifications of employees in any given craft, work or service category.

3. The contractor shall post a copy of Paragraph A hereof in conspicuous places at its place of business available to employees and applicants for employment.

B. The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to their race, religion, ancestry, national origin, sex, sexual orientation, age, disability, marital status or medical condition.

C. As part of the City's supplier registration process, and/or at the request of the awarding authority or the Office of Contract Compliance, the contractor shall certify on an electronic or hard copy form to be supplied, that the contractor has not discriminated in the performance of City contracts against any employee or applicant for employment on the

basis or because of race, religion, ancestry, national origin, sex, sexual orientation, age, disability, marital status or medical condition.

D. The contractor shall permit access to and may be required to provide certified copies of all of its records pertaining to employment and to its employment practices by the awarding authority or the Office of Contract Compliance, for the purpose of investigation to ascertain compliance with the Affirmative Action Program provisions of City contracts, and on their or either of their request to provide evidence that it has or will comply therewith.

E. The failure of any contractor to comply with the Affirmative Action Program provisions of City contracts may be deemed to be a material breach of contract. Such failure shall only be established upon a finding to that effect by the awarding authority, on the basis of its own investigation or that of the Board of Public Works, Office of Contract Compliance. No such finding shall be made except upon a full and fair hearing after notice and an opportunity to be heard has been given to the contractor.

F. Upon a finding duly made that the contractor has breached the Affirmative Action Program provisions of a City contract, the contract may be forthwith cancelled, terminated or suspended, in whole or in part, by the awarding authority, and all monies due or to become due hereunder may be forwarded to and retained by the City of Los Angeles. In addition thereto, such breach may be the basis for a determination by the awarding authority or the Board of Public Works that the said contractor is an irresponsible bidder or proposer pursuant to the provisions of Section 371 of the Los Angeles City Charter. In the event of such determination, such contractor shall be disqualified from being awarded a contract with the City of Los Angeles for a period of two years, or until he or she shall establish and carry out a program in conformance with the provisions hereof.

G. In the event of a finding by the Fair Employment and Housing Commission of the State of California, or the Board of Public Works of the City of Los Angeles, or any court of competent jurisdiction, that the contractor has been guilty of a willful violation of the California Fair Employment and Housing Act, or the Affirmative Action Program provisions of a City contract, there may be deducted from the amount

payable to the contractor by the City of Los Angeles under the contract, a penalty of TEN DOLLARS ($10.00) for each person for each calendar day on which such person was discriminated against in violation of the provisions of a City contract.

H. Notwithstanding any other provisions of a City contract, the City of Los Angeles shall have any and all other remedies at law or in equity for any breach hereof.

I. The Public Works Board of Commissioners shall promulgate rules and regulations through the Office of Contract Compliance and provide to the awarding authorities electronic and hard copy forms for the implementation of the Affirmative Action Program provisions of City contracts, and rules and regulations and forms shall, so far as practicable, be similar to those adopted in applicable Federal Executive Orders. No other rules, regulations or forms may be used by an awarding authority of the City to accomplish this contract compliance program.

J. Nothing contained in City contracts shall be construed in any manner so as to require or permit any act which is prohibited by law.

K. The contractor shall submit an Affirmative Action Plan which shall meet the requirements of this chapter at the time it submits its bid or proposal or at the time it registers to do business with the City. The plan shall be subject to approval by the Office of Contract Compliance prior to award of the contract. The awarding authority may also require contractors and suppliers to take part in a pre-registration, pre-bid, pre-proposal, or pre-award conference in order to develop, improve or implement a qualifying Affirmative Action Plan. Affirmative Action Programs developed pursuant to this section shall be effective for a period of twelve months from the date of approval by the Office of Contract Compliance. In case of prior submission of a plan, the contractor may submit documentation that it has an Affirmative Action Plan approved by the Office of Contract Compliance within the previous twelve months. If the approval is 30 days or less from expiration, the contractor must submit a new Plan to the Office of Contract Compliance and that Plan must be approved before the contract is awarded.

(1) Every contract of $5,000 or more which may provide construction, demolition, renovation, conservation or major maintenance of any

kind shall in addition comply with the requirements of Section 10.13 of the Los Angeles Administrative Code.

(2) A contractor may establish and adopt as its own Affirmative Action Plan, by affixing his or her signature thereto, an Affirmative Action Plan prepared and furnished by the Office of Contract Compliance, or it may prepare and submit its own Plan for approval.

L. The Office of Contract Compliance shall annually supply the awarding authorities of the City with a list of contractors and suppliers who have developed Affirmative Action Programs. For each contractor and supplier the Office of Contract Compliance shall state the date the approval expires. The Office of Contract Compliance shall not withdraw its approval for any Affirmative Action Plan or change the Affirmative Action Plan after the date of contract award for the entire contract term without the mutual agreement of the awarding authority and the contractor.

M. The Affirmative Action Plan required to be submitted hereunder and the pre-registration, pre-bid, pre-proposal or pre-award conference which may be required by the Board of Public Works, Office of Contract Compliance or the awarding authority shall, without limitation as to the subject or nature of employment activity, be concerned with such employment practices as:

1. Apprenticeship where approved programs are functioning, and other on-the-job training for non-apprenticeable occupations;

2. Classroom preparation for the job when not apprenticeable;

3. Pre-apprenticeship education and preparation;

4. Upgrading training and opportunities;

5. Encouraging the use of contractors, subcontractors and suppliers of all racial and ethnic groups, provided, however, that any contract subject to this ordinance shall require the contractor, subcontractor or supplier to provide not less than the prevailing wage, working conditions and practices generally observed in private industries in the contractor's, subcontractor's or supplier's geographical area for such work;

6. The entry of qualified women, minority and all other journeymen into the industry; and

7. The provision of needed supplies or job conditions to permit persons with disabilities to be employed, and minimize the impact of any disability.

N. Any adjustments which may be made in the contractor's or supplier's work force to achieve the requirements of the City's Affirmative Action Contract Compliance Program in purchasing and construction shall be accomplished by either an increase in the size of the work force or replacement of those employees who leave the work force by reason of resignation, retirement or death and not by termination, layoff, demotion or change in grade.

O. Affirmative Action Agreements resulting from the proposed Affirmative Action Plan or the pre-registration, pre-bid, pre-proposal or pre-award conferences shall not be confidential and may be publicized by the contractor at his or her discretion. Approved Affirmative Action Agreements become the property of the City and may be used at the discretion of the City in its Contract Compliance Affirmative Action Program.

P. This ordinance shall not confer upon the City of Los Angeles or any Agency, Board or Commission thereof any power not otherwise provided by law to determine the legality of any existing collective bargaining agreement and shall have application only to discriminatory employment practices by contractors or suppliers engaged in the performance of City contracts.

Q. All contractors subject to the provisions of this section shall include a like provision in all subcontracts awarded for work to be performed under the contract with the City and shall impose the same obligations, including but not limited to filing and reporting obligations, on the subcontractors as are applicable to the contractor. Failure of the contractor to comply with this requirement or to obtain the compliance of its subcontractors with all such obligations shall subject the contractor to the imposition of any and all sanctions allowed by law, including but not limited to termination of the contractor's contract with the City.