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# PHASE II SUBSURFACE INVESTIGATION REPORT

## Little Green Acres Phase I ESA

10414, 10416, 10418, 10420 and 10422 South Vermont Avenue (Northeast corner of Vermont & 104th Place)
Los Angeles, California 90044

## Report Date

March 22, 2024; Revised April 2, 2024

## Partner Project No.

ES23-426826

## Client Project No.

RAPX0913

## Prepared for:

City of Los Angeles – Departments of Recreation and Parks
221 North Figueroa Street, Suite 400
Los Angeles, California 90012

PARTNER

March 22, 2024; Revised April 2, 2024

Lisa Walldez
City of Los Angeles – Departments of Recreation and Parks
221 North Figueroa Street, Suite 400
Los Angeles, California 90012

Subject: Phase II Subsurface Investigation Report
Little Green Acres Phase I ESA
10414, 10416, 10418, 10420 and 10422 South Vermont Avenue (Northeast corner of Vermont & 104th Place)
Los Angeles, California 90044
Partner Project No. ES23-426826
Client Project Number: RAPX0913

Dear Ms. Walldez:

Partner Engineering and Science, Inc. (Partner) is pleased to provide the results of the assessment performed at the above-referenced property. The following report describes the field activities, methods, and findings of the Phase II Subsurface Investigation conducted at the above-referenced property.

This assessment was performed consistent with acceptable industry standards. The independent conclusions represent Partner's best professional judgment based upon existing conditions and the information and data available to us during the course of this assignment.

We appreciate the opportunity to provide these services. If you have any questions concerning this report, or if we can assist you in any other matter, please contact Jenny Redlin at (310) 765-7243.

Sincerely,

**Partner Engineering and Science, Inc.**

Sincerely,

Terri Men, CEM
Senior Project Manager

David Lehnus, PG
Senior Project Manager

PROFESSIONAL GEOLOGIST
DAVID LEHNUS
No. 9538
Exp. 9/30/2025
STATE OF CALIFORNIA

Jenny Redlin
National Client Manager

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The following Figures, Tables, and Appendices are attached at the end of this report.

# 1.0 INTRODUCTION

## 1.1 Purpose

The purpose of the investigation was to identify the location of on-site underground storage tanks (USTs), former tankholds, and/or other associated features and to investigate the potential impact of petroleum hydrocarbons and/or volatile organic compounds (VOCs) to soil and/or soil gas as a consequence of a release or releases from the former on-site gasoline station and automotive repair operations. City of Los Angeles – Departments of Recreation and Parks provided project authorization of Partner Proposal Number P23-426826.1a through Notice to Proceed RAPX0913.

## 1.2 Limitations

This report presents a summary of work conducted by Partner. The work includes observations of site conditions encountered and the analytical results provided by an independent third-party laboratory of samples collected during the course of the project. The number and location of samples were selected to provide the required information. It cannot be assumed that the limited available data are representative of subsurface conditions in areas not sampled.

Conclusions and/or recommendations are based on the observations, laboratory analyses, and the governing regulations. Conclusions and/or recommendations beyond those stated and reported herein should not be inferred from this document.

Partner warrants that the environmental consulting services contained herein were accomplished in accordance with generally accepted practices in the environmental engineering, geology, and hydrogeology fields that existed at the time and location of work. No other warranties are implied or expressed.

## 1.3 User Reliance

Partner was engaged by City of Los Angeles – Departments of Recreation and Parks (the Addressee), or their authorized representative, to perform this investigation. The project was governed by the Master Services Agreement (MSA) between Partner and City of Los Angeles - Department of Recreation and Parks. The MSA specifically states the scope and purpose of the investigation, as well as the contractual obligations and limitations of both parties. City of Los Angeles – Departments of Recreation and Parks, its subsidiaries, affiliates and assigns may rely on this report. This report has no other purpose and may not be relied upon, or used, by any other person or entity without the written consent of Partner. Third parties that obtain this report, or the information therein, shall have no rights of recourse or recovery against Partner, its officers, employees, vendors, successors or assigns.

# 2.0 SITE BACKGROUND

## 2.1 Site Description

The subject property consists of a single parcel of land comprising 0.228 acre located on the northeast intersection of South Vermont Avenue and West 104th Place within a residential and commercial area of Los Angeles, Los Angeles County, California. The subject property is currently utilized as a community garden with multiple garden beds, two small sheds for tools, and compost bins. The garden is named Little Green Acres Park operated by the City of Los Angeles Recreation & Parks Department. On-site operations consist of the management and upkeep of a community garden that includes various vegetable beds for herbs, vegetables and fruit trees. The subject property is improved with two small sheds for tools, a flagpole, drinking fountain, electrical pole, and perimeter fencing.

The subject property is bound by a parking lot to the north, single-family residences to the east beyond an alleyway, a multi-family residence to the south beyond West 104$^{th}$ Place, and a multi-family residence and commercial building to the west beyond South Vermont Avenue. Refer to Figure 1 for a site vicinity map showing site features and surrounding properties.

## 2.2 Site History

Partner completed a *Phase I Environmental Site Assessment Report* (Phase I) for the subject property dated November 27, 2023, on behalf of City of Los Angeles – Departments of Recreation and Parks.

According to available historical sources, the subject property was formerly undeveloped as early as 1896 to the early 1920s; developed with a gasoline station and automotive repair shop from *circa* 1926 to 1975; and developed with a community garden from *circa* 1975 to the present. Tenants on the subject property have included a gasoline station and automotive repair facility dating back to *circa* 1926 to 1975 including Johnny's Garage & Welding Shop (1951), Johnny's Garage (1956-1960), T-B Automotive (1965), Century Automotive (1969-1975), and Olsen Van-Storage (1969). It appears that the property became a community garden in circa 1975.

The following recognized environmental condition (REC) was identified in the Phase I:

- Based on the review of available historical and regulatory information, the subject property was previously occupied by a gasoline station from *circa* 1926 to 1974. Additionally, automotive repair services were performed on-site between at least 1950 and 1975. According to a building permit dated 1974, at least one tankhold was permitted for backfill located near the northwest corner of the subject property. The permit record indicates the gasoline station was equipped with one or more underground storage tanks (USTs). The owner at the time of tank backfill is listed as ARCO. The subject property is identified as a Delisted Tank site on the regulatory database report with no details included. Records pertaining to former USTs were requested from the City of Los Angeles Fire Department (LAFD), which identified limited UST removal information dated 1974 for Atlantic Richfield Company at the address of 10422 South Vermont Avenue. According to a *Notification of UST Abandonment* form, four USTs were reportedly removed including: one 8,000-gallon UST, one 3,000-gallon UST, one 1,000-gallon UST, and one 550-gallon UST situated near the southwest corner of the property. The contents of the USTs were not reported; however, it appears the 550-gallon tank may have been used for waste oil, which is typical of this size tank. Additionally, a *Notice*

*of Hazard* form dated July 25, 1974, indicates the USTs may not have been in use or did not have a valid permit at the time of removal. No additional pertinent information was received from the LAFD. As of the date of this report, no documentation was available to indicate whether soil samples were collected and analyzed for the presence of petroleum hydrocarbon contamination. No additional information was identified for the prior USTs. Based on a lack of significant closure documentation or soil sampling data, the historical USTs and automotive repair use represent a REC in connection with the subject property.

## 2.3 Geology and Hydrogeology

Review of the United States Geological Survey (USGS) *Inglewood, California* Quadrangle topographic map indicates the subject property is situated approximately 160 feet above mean sea level, and the local topography is sloping gently to the northeast. Refer to Figure 2 for a topographic map of the site vicinity.

The subject property is located in the northwestern Downey Plain and is underlain by Holocene age alluvial sediments which are underlain by the Upper Pleistocene-age Lakewood Formation. Holocene-age alluvial sediments consist of gravel, sand, silt and clay and the Upper Pleistocene-age Lakewood Formation consists of unconsolidated marine and continental gravel, sand, silt, sandy silt, and clay with shale pebbles.

Based on borings advanced during this investigation, the underlying subsurface consists predominantly of silty clay from the ground surface to approximately 20 feet below ground surface (bgs).

Groundwater was not encountered during this investigation. Based on available information from the State Water Resources Control Board (SWRCB) GeoTracker Website for a nearby Leaking Underground Storage Tank (LUST) site located approximately 0.2 mile north of the subject property (Mobil #18-LJY at 850 West Century Boulevard), groundwater is anticipated to be first encountered at approximately 153 to 181 feet below ground surface (bgs) with flow direction to the southeast.

# 3.0 FIELD ACTIVITIES

The Phase II Subsurface Investigation scope included a geophysical survey and the advancement of five borings (B1 through B5) to collect representative soil and/or soil gas samples. Refer to Table 1 for a summary of the boring locations, sampling schedule, and laboratory analyses for this investigation.

## 3.1 Preparatory Activities

Prior to the initiation of fieldwork, Partner completed the following activities.

### *3.1.1 Utility Clearance*

Partner delineated the work area with white spray paint and notified Underground Service Alert (USA) to clear public utility lines as required by law at least two business days prior to drilling activities. USA issued ticket number B240470516 for the project.

### *3.1.2 Health and Safety Plan*

Partner prepared a site-specific Health and Safety Plan, which was reviewed with on-site personnel involved in the project prior to the commencement of drilling activities.

## 3.2 Geophysical Survey

On February 28, 2024, SoCal Locators conducted a geophysical survey under the supervision of Partner. The purpose of the geophysical survey was to identify USTs remaining in place and/or backfilled tankholds and clear boring locations of utilities. The geophysical survey was conducted with a RD8100 Electro-Magnetic Transmitter & Receiver (electromagnetic induction equipment), a Schonstedt GA-52Cx magnetic gradiometer, a GSSI UtilityScan SIR 3000 ground penetrating radar (GPR) unit, and a Jameson Duct Hunter 300 Traceable Rodder utility locator with line-tracing capabilities.

SoCal Locators systematically free-traversed accessible portions of the subject property with the aforementioned equipment. The equipment data were interpreted in real time and compiled as necessary in order to identify subsurface anomalies consistent with USTs, disturbed soil resembling backfilled tankholds, piping trenches, utility lines, and/or other subsurface conduits/features.

The geophysical survey did not identify any anomalies indicative of USTs or former tankholds.

In addition, SoCal Locators systematically free-traversed each proposed boring location with the aforementioned equipment and the equipment data were interpreted in real time for evidence of utility lines and/or other subsurface features of potential concern. Based on the findings of the geophysical survey, no subsurface utilities were identified within the proposed boring locations.

## 3.3 Drilling Equipment

On February 28, 2024, Partner subcontracted with Strongarm Environmental Field Services (Strongarm) (State of California Water Well Drilling Contractor License Number 766463) to provide and operate drilling equipment. Strongarm, under the direction of Partner, advanced borings Garden1 through Garden5 with a track-mounted Geoprobe Model 6600 direct-push drill rig. Sampling equipment was decontaminated between sample intervals and boring locations to prevent cross-contamination.

## 3.4 Sample Locations

Borings Garden1 through Garden3 were advanced in the northwest, southwest, and northeast portions of the former gasoline station footprint, respectively. Boring Garden4 was advanced in the central portion of the former automotive repair building footprint. Boring Garden5 was advanced to the south of the former

Refer to Figure 3 for a map indicating sample locations.

## 3.5 Soil Sampling

Borings Garden1 through Garden5 were located in unimproved areas. Each boring was advanced to a terminal depth of 20 feet bgs.

Soil samples were collected using a 4-foot long by 2.25-inch diameter MacroCore sampler with a 4-foot long acetate liner, which was advanced by the direct-push drill rig using 4-foot long by 1.5-inch diameter drill rods. The sampler was driven into the subsurface to allow undisturbed soil to enter the open MacroCore barrel and retrieved in 4-foot intervals to recover the soil-filled liners.

A lengthwise section of each acetate liner was removed with a splitting tool to expose the soil. The soil column was visually inspected for discoloration, monitored for odors, and classified in accordance with the Unified Soil Classification System (USCS). Select intervals were placed in sealable plastic bags and field-screened with a photoionization detector (PID) calibrated to isobutylene.

Soil depths selected for laboratory analysis were sampled directly from the liners using a disposable plastic syringe and retained in two sodium bisulfate-preserved volatile organics analysis (VOA) vials in accordance with United States Environmental Protection Agency (EPA) Method 5035 sampling protocol. A sample was also collected by transferring soil into a laboratory-supplied, four-ounce, wide-mouth, unpreserved glass jar, which was sealed with a threaded, Teflon-lined lid. The jars were filled with soil to capacity to minimize headspace and reduce the potential for volatilization. The jars and VOA vials were labeled for identification and stored in an iced cooler. None of the samples exhibited discoloration or an odor and none of the PID readings suggested the presence of elevated volatile organics concentrations.

Soil samples were collected from each boring at 2, 5, 10, 15, and 20 feet bgs.

## 3.6 Soil Gas Sampling

*Soil Gas Probe Construction*

Soil gas probes screened at 5 feet bgs were constructed within the boreholes upon completion of soil sampling. A new section of ¼-inch diameter Nylaflow tubing with a new ¼-inch diameter polypropylene filter at the terminal end was inserted into the borehole to the desired sampling depth. One-inch diameter polyvinyl chloride (PVC) casing was used as a guide for the tubing to ensure that the desired sampling depth was achieved. Sand was poured into the boring annulus to form an approximately 1-foot long sand pack around the polypropylene filter, at which time the PVC piping was withdrawn. Approximately 1 foot of dry, granular bentonite was placed atop the sand pack and the remainder of the borehole was backfilled with hydrated bentonite to the ground surface to form a seal. The sampling end of the tubing was fitted with a valve and the probe was labeled for identification.

*Soil Gas Sampling Methodology*

Soil gas samples were collected in general accordance with the July 2015 Department of Toxic Substances Control (DTSC) and Los Angeles Regional Water Quality Control Board (LARWQCB) "Advisory – Active Soil Gas Investigations."

Soil gas samples were collected using 1-liter, stainless-steel, cylindrical SUMMA canisters. The sampling containers were provided by Jones Environmental, Inc. (JEI), a state-certified laboratory (California State Water Resources Control Board (SRWCB) Environmental Laboratory Accreditation Program certificate number 2882) in Lake Forest, California, which subjected each canister to a rigorous cleaning process using a combination of dilution, heat, and high vacuum. After cleaning, the canisters were batch certified to be free of target contaminants to a specified reporting limit (RL) via gas chromatography/mass spectroscopy (GC/MS) prior to delivery.

Partner received the SUMMA canisters evacuated to approximately -30 inches of mercury. The SUMMA canisters were fitted with stainless-steel flow controllers, which JEI calibrated to maintain constant flow (approximately 0.1 liter per minute) for approximately 5 to 10 minutes of sampling time.

Each probe was allowed to equilibrate for a minimum of two hours after installation prior to sampling. After equilibration, the sample tubing and sampler screen were purged of ambient air using a separate 1-liter SUMMA purge volume canister evacuated to approximately -30 inches of mercury. Once the sampling tubing was purged of ambient air, the sampling end of the tubing was fitted to the sampling canister and the port valve was opened, causing air to enter the sample container due to the pressure differential. Partner closed the valves after the canister was evacuated to approximately -1 to -2 inches of mercury, with pertinent data (e.g., time, canister vacuum) recorded at the start and end of sampling. The SUMMA canisters were disconnected from the sampling ports and canister identifications were noted for the corresponding sample.

Soil gas samples were collected from each boring at 5 feet bgs.

## 3.7 Post-Sampling Activities

Probes were removed from the subsurface and the boreholes were backfilled with hydrated bentonite chips following sampling activities. No significant amounts of derived wastes were generated during this investigation.

# 4.0 DATA ANALYSIS

## 4.1 Laboratory Analysis

Partner collected 25 soil samples and five soil gas samples on February 28, 2024, which were transported in an iced cooler (soil samples) or at ambient temperature (soil gas samples) under chain-of-custody protocol to JEI for analysis. Based on field-screening results, visual observations, and/or olfactory observations, one soil sample per boring (five soil samples total) was initially analyzed for extended range hydrocarbon (ERH), specifically, diesel- and motor oil-range organics (DRO and MORO, respectively) via EPA Method 8015 and for VOCs, including gasoline-range organics (GRO), via EPA Method 8260. Based on the preliminary analytical results, the remaining four soil samples from boring Garden2 were additionally analyzed for ERH via EPA Method 8015 and VOCs via EPA Method 8260. The remaining soil samples were placed on hold at the laboratory. Each soil gas sample (five soil gas samples total) was analyzed for VOCs via EPA Method 8260.

Laboratory analytical results are included in Appendix A and discussed below.

## 4.2 Regulatory Agency Comparison Criteria

*Department of Toxic Substances Control Attenuation Factor and Regional Screening Levels*

Regional Screening Levels (RSLs) are generic, risk-based chemical concentrations developed by the EPA for use in initial screening-level evaluations. RSLs combine human health toxicity values with standard exposure factors to estimate contaminant concentrations that are considered to be health protective of human exposures over a lifetime through direct-contact exposure pathways (e.g., via inhalation and/or ingestion of and/or dermal contact with impacted soil and/or indoor air). RSLs are not legally enforceable standards, but rather are considered guidelines to evaluate if potential risks associated with encountered chemical impacts may warrant further evaluation.

The DTSC Office of Human and Ecological Risk (HERO) developed California-Modified RSLs based on a review of 1) RSL concentrations, and 2) recent toxicity values.

While soil gas detections are not immediately comparable to the indoor air quality guidelines within the RSLs, the DTSC issued a recommended default attenuation factor of 0.03 per the June 2015 EPA *Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air*. With the indoor air RSLs and default attenuation factors, the associated Residential and Commercial/Industrial Soil Gas Screening Levels (SGSLs) can be calculated.

*Environmental Screening Levels*

The San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Environmental Screening Levels (ESLs) were utilized as an initial screening level evaluation for total petroleum hydrocarbons. ESLs aid in assessing the potential threats to human health, terrestrial/aquatic habitats, and/or drinking water resources due to contaminants in soil, soil gas, and/or groundwater. Under most circumstances, the presence of contamination below applicable ESLs can be assumed to not pose a significant, chronic (i.e., long-term) adverse risk to the applicable receptor of concern. Conversely, sites that exceed ESLs generally require further evaluation and/or remediation. Please note that the ESLs were developed using default assumptions

(e.g., standard exposure factors) and, consequently, are only meant for screening level assessments. The ESLs should not be considered enforceable regulatory standards. Cleanup levels ultimately dependent on site-specific factors and are established by the regulatory agencies on a case-by-case basis.

## 4.3 Soil Sample Data Analysis

DRO was detected in one of the analyzed soil samples (Garden2-20) and MORO was detected in one of the analyzed soil samples (Garden2-2); however, the detected concentrations did not exceed the respective regulatory guidelines.

The VOCs 1,2,4-trimethylbenzene (TMB); 1,3,5-TMB; 4-isopropyltoluene; benzene; ethylbenzene; GRO; isopropylbenzene; m,p-xylene; n-propylbenzene; naphthalene; o-xylene; and toluene were detected in two of the analyzed soil samples (Garden2-15 and Garden2-20). Of the concentrations detected, the following compounds were detected above one or more regulatory guidelines:

- Benzene was detected in soil sample Garden2-20 at a concentration of 229 micrograms per kilogram (µg/kg), which exceeds the leaching to groundwater screening level of 25 µg/kg.
- Ethylbenzene was detected in soil samples Garden2-15 and Garden2-20 at concentrations of 469 and 18,700 µg/kg, each of which exceed the leaching to groundwater screening level of 430 µg/kg, and one of which exceeds the residential direct-contact screening level of 5,800 µg/kg.
- Naphthalene was detected in soil samples Garden2-15 and Garden2-20 at concentrations of 337 and 16,400 µg/kg, each of which exceed the leaching to groundwater screening level of 42 µg/kg, and one of which exceeds the residential and commercial/industrial direct-contact screening levels of 2,000 and 6,500 µg/kg, respectively.
- Toluene was detected in soil sample Garden2-20 at a concentration of 6,970 µg/kg, which exceeds the leaching to groundwater screening level of 3,200 µg/kg.

The remaining VOCs did not exceed the respective regulatory guidelines.

Refer to Table 2 for a summary of the soil sample ERH and VOCs laboratory analysis results.

## 4.4 Soil Gas Sample Data Analysis

The VOCs 1,2,4-TMB; 1,3,5-TMB; 4-isopropyltoluene; benzene; bromodichloromethane; chloroform; ethylbenzene; isopropylbenzene; m,p-xylene; n-propylbenzene; o-xylene; and toluene were detected in one or more of the analyzed soil gas samples. Of the concentrations detected, the following compounds were detected above one or more regulatory guidelines:

- Benzene was detected in three soil gas samples (Probe3-5, Probe4-5, and Probe5-5) at concentrations ranging from 18 to 29 micrograms per cubic meter (µg/$m^3$). Each of the concentrations exceeded the residential screening level of 3.2 µg/$m^3$ and the commercial/industrial screening level of 14 µg/$m^3$.
- Bromodichloromethane was detected in soil gas sample Probe5-5 at a concentration of 14 µg/$m^3$, which exceeds the residential and commercial/industrial screening levels of 2.5 and 11 µg/$m^3$, respectively.
- Chloroform was detected in four soil gas samples (Probe1-5, Probe3-5, Probe4-5, and Probe5-5) at concentrations ranging from 24 to 33 µg/$m^3$, which exceeds both the residential and commercial/industrial screening levels of 4.0 and 18 µg/$m^3$, respectively.

- Ethylbenzene was detected in soil gas samples Probe2-5 and Probe3-5 at concentrations of 450 and 162, respectively, which exceed both the residential and commercial/industrial screening levels of 37 and 160 µg/$m^3$, respectively.

Trihalomethanes (THMs) (including bromoform, bromodichloromethane, dibromochloromethane, and chloroform) are formed in drinking water primarily as a result of the chlorination of organic matter present naturally in raw water supplies. It is assumed that most THMs present in water are ultimately transferred to air as a result of their volatility. Therefore, it is Partner's opinion that the bromodichloromethane and chloroform detected in the soil gas samples are likely attributable to use of a municipal water source in the garden and is not expected to represent a significant concern to human health at this time.

The remaining VOCs did not exceed the respective regulatory guidelines.

Refer to Table 3 for a summary of the soil gas sample VOCs laboratory analysis results.

## 4.5 Discussion

Based on the results of the investigation, the subject property subsurface is impacted with petroleum hydrocarbon constituents. Based on the depth and location of the impacts, it is likely that the impacts are from the former gasoline station UST(s). The peak concentrations were detected at the maximum depth of the investigation (20 feet bgs), and therefore, the extent of impacts is currently unknown. There are currently no on-site structures, and therefore, vapor intrusion is not a concern for the site; however, Partner notes that the surrounding properties are currently occupied for residential and commercial use. Based on the soil gas exceedances of residential and commercial guidelines, Partner is unable to rule out potential vapor intrusion concerns for the adjacent property from the documented soil gas impacts. Partner recommends additional characterization to assess the lateral and vertical extent of the documented petroleum impacts. Following characterization, mitigation of the petroleum impacts will likely be required.

# 5.0 SUMMARY AND CONCLUSIONS

Partner conducted a Phase II Subsurface Investigation at the subject to identify the location of on-site underground storage tanks (USTs), former tankholds, and/or other associated features and to investigate the potential impact of petroleum hydrocarbons and/or volatile organic compounds (VOCs) to soil and/or soil gas as a consequence of a release or releases from the former on-site gasoline station and automotive repair operations. The scope of the Phase II Subsurface Investigation included a geophysical survey and five soil and soil gas borings. Nine soil samples were analyzed for TPH-cc and VOCs, and five soil gas samples were analyzed for VOCs.

The geophysical survey did not identify the presence of USTs and/or excavations and/or anomalies indicative of former tankholds.

Subsurface lithology encountered in the upper 20 feet bgs consisted of silty clay. Groundwater was not encountered during this investigation.

Benzene, ethylbenzene, naphthalene, and toluene were detected in soil above applicable regulatory guidelines, and benzene and ethylbenzene were detected in soil gas above applicable regulatory guidelines.

Based on the results of the investigation, the subject property subsurface is impacted with petroleum hydrocarbon constituents. Based on the depth and location of the impacts, it is likely that the impacts are from the former gasoline station UST(s). The peak concentrations were detected at the maximum depth of the investigation (20 feet bgs), and therefore, the extent of impacts is currently unknown. There are currently no on-site structures, and therefore, vapor intrusion is not a concern for the site; however, Partner notes that the surrounding properties are currently occupied for residential and commercial use. Based on the soil gas exceedances of residential and commercial guidelines, Partner is unable to rule out potential vapor intrusion concerns for the adjacent property from the documented soil gas impacts. Partner recommends additional characterization to assess the lateral and vertical extent of the documented petroleum impacts. Following characterization, mitigation of the petroleum impacts will likely be required.

# FIGURES


**Legend**

Subject Property

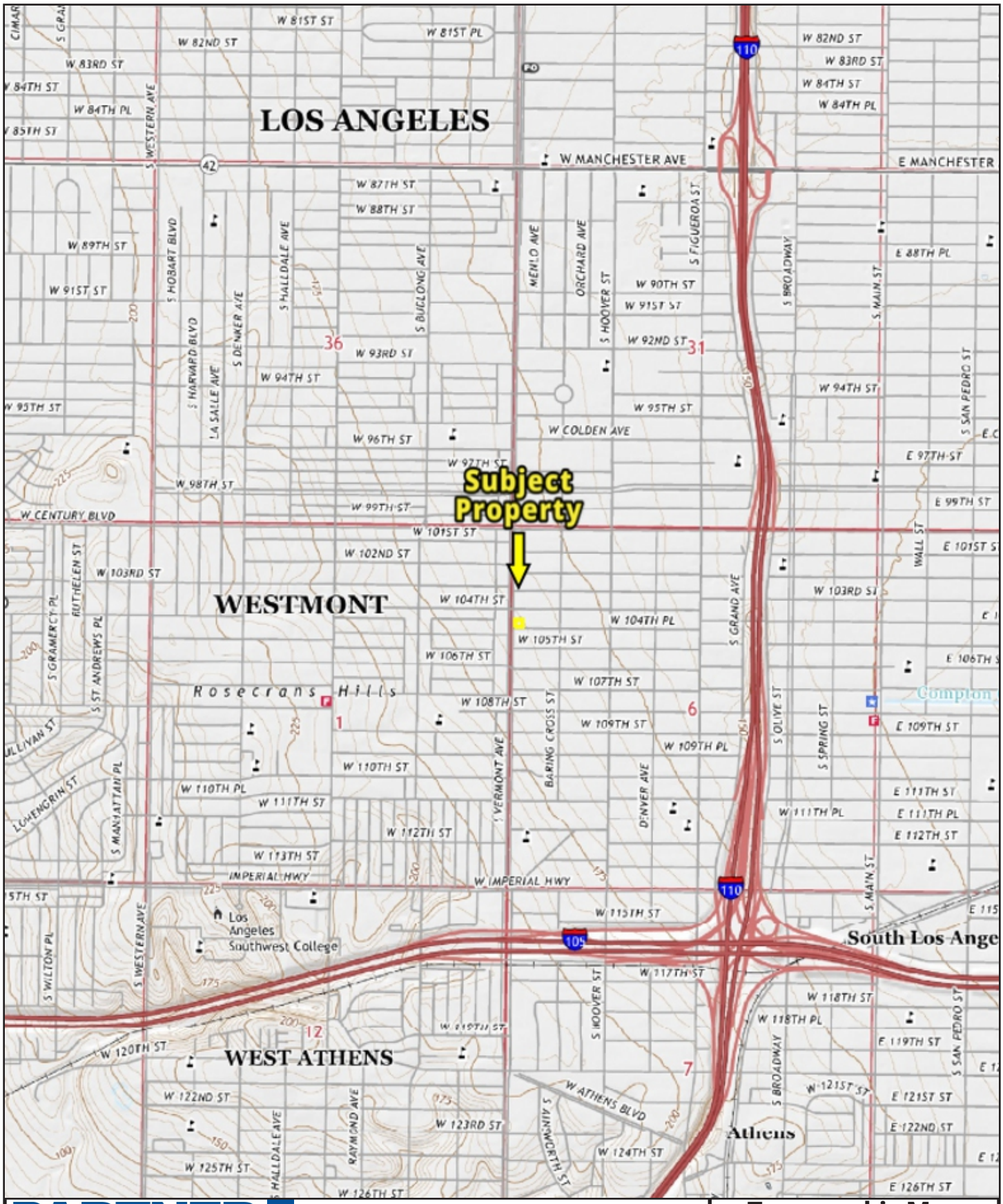
N

PARTNER
2154 Torrance Boulevard, Suite 200
Torrance, California 90501
Project Number: ES23-426826.1

## Site Vicinity Map

| Figure | Prepared By | Date |
|---|---|---|
| 1 | T. Men | March 2024 |

10414-10422 South Vermont Avenue
Los Angeles, California 90044




**PARTNER**

2154 Torrance Boulevard, Suite 200
Torrance, California 90501

Project Number: ES23-426826

N

USGS Inglewood, CA Quadrangle
Version: 2021

## Topographic Map

| Figure | Prepared By | Date |
|---|---|---|
| 2 | T. Men | March 2024 |

10414-10422 South Vermont Avenue
Los Angeles, California 90044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2154 Torrance Boulevard, Suite 200
Torrance, California 90501

Project Number: ES23-426826

N

**Legend**

Subject Property

Boring Location

## Sample Location Map

| Figure | Prepared By | Date |
|---|---|---|
| 3 | T. Men | March 2024 |

10414-10422 South Vermont Avenue
Los Angeles, California 90044

# TABLES

Table 1: Summary of Investigation Scope
10414-10422 South Vermont Avenue
Los Angeles, California 90044
Partner Project Number ES23-426826.1
February 28, 2024

| Boring Identification | REC | Location | Terminal Depth (feet bgs) | Matrix Sampled | Sampling Depths* (feet bgs) | Target Analytes |
|---|---|---|---|---|---|---|
| **Garden1** | Former on-site gasoline station | Northwest portion of former gasoline station | 20 | Soil Gas | *5* | VOCs |
| | | | | Soil | 2, 5, ***10*** , 15, 20 | ERH, VOCs |
| **Garden2** | Former on-site gasoline station | Southwest portion of former gasoline station | 20 | Soil Gas | *5* | VOCs |
| | | | | Soil | ***2, 5, 10, 15, 20*** | ERH, VOCs |
| **Garden3** | Former on-site gasoline station | Northeast portion of former gasoline station | 20 | Soil Gas | *5* | VOCs |
| | | | | Soil | ***2*** , 5, 10, 15, 20 | ERH, VOCs |
| **Garden4** | Former on-site automotive repair operations | South of former automotive repair building | 20 | Soil Gas | *5* | VOCs |
| | | | | Soil | 2, 5, 10, 15, ***20*** | ERH, VOCs |
| **Garden5** | Former on-site automotive repair operations | Central portion of former automotive repair building | 20 | Soil Gas | *5* | VOCs |
| | | | | Soil | 2, ***5*** , 10, 15, 20 | ERH, VOCs |

Notes:

*Depths in **bold** analyzed for extended range hydrocarbons (ERH) in accordance with United States Environmental Protection Agency (EPA) Method 8015. Depths in *italics* analyzed for volatile organic compounds (VOCs) in accordance with EPA Method 8260B.

bgs = below ground surface

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Table 2: Soil Sample ERH and VOCs Laboratory Results
10414-10422 South Vermont Avenue
Los Angeles, California 90044
Partner Project Number ES23-426826.1
February 28, 2024

| Analyte | Residential Soil RSL | Commercial/ Industrial Soil RSL | Construction Worker ESL | Leaching to Groundwater ESL (Drinking) | Garden1-10 | Garden2-2 | Garden2-5 | Garden2-10 | Garden2-15 | Garden2-20 | Garden3-2 | Garden4-20 | Garden5-5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ***ERHvia EPA Method 8015*** | | | | | | | | | | | | | |
| **C13-C22 (DRO)** | **NE** | **NE** | **1,100,000** | **1,100,000** | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | **41.9** | < 10.0 | < 10.0 | < 10.0 |
| **C23-C40 (MORO)** | **NE** | **NE** | **54,000,000** | **NE** | < 10.0 | **88.8** | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 | < 10.0 |
| ***VOCs via EPA Method 8260B*** | | | | | | | | | | | | | |
| **1,2,4-Trimethylbenzene** | **300,000** | **1,800,000** | **NE** | **NE** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **19,800** | **81,300** | < 1.0 | < 1.0 | < 1.0 |
| **1,3,5-Trimethylbenzene** | **270,000** | **1,500,000** | **NE** | **NE** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **5,220** | **20,000** | < 1.0 | < 1.0 | < 1.0 |
| **4-Isopropyltoluene** | **NE** | **NE** | **NE** | **NE** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **20.1** | **60.4** | < 1.0 | < 1.0 | < 1.0 |
| **Benzene** | **330** | **1,400** | **33,000** | **25** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **6.7** | **229** | < 1.0 | < 1.0 | < 1.0 |
| **Ethylbenzene** | **5,800** | **25,000** | **540,000** | **430** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **469** | **18,700** | < 1.0 | < 1.0 | < 1.0 |
| **Gasoline Range Organics (C4-C12)** | **NE** | **NE** | **1,800,000** | **1,100,000** | < 0.20 | < 0.20 | < 0.20 | < 0.20 | **205** | **759** | < 0.20 | < 0.20 | < 0.20 |
| **Isopropylbenzene** | **1,900,000** | **9,900,000** | **NE** | **NE** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **71.3** | **272** | < 1.0 | < 1.0 | < 1.0 |
| **m+p-Xylene** | **550,000** | **2,400,000** | **NE** | **NE** | < 2.0 | < 2.0 | < 2.0 | < 2.0 | **15,600** | **81,300** | < 2.0 | < 2.0 | < 2.0 |
| **n-Propylbenzene** | **3,800,000** | **24,000,000** | **NE** | **NE** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **251** | **824** | < 1.0 | < 1.0 | < 1.0 |
| **Naphthalene** | **2,000** | **6,500** | **400,000** | **42** | < 5.0 | < 5.0 | < 5.0 | < 5.0 | **337** | **16,400** | < 5.0 | < 5.0 | < 5.0 |
| **o-Xylene** | **640,000** | **2,800,000** | **NE** | **NE** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **497** | **34,400** | < 1.0 | < 1.0 | < 1.0 |
| **Toluene** | **1,100,000** | **5,300,000** | **4,700,000** | **3,200** | < 1.0 | < 1.0 | < 1.0 | < 1.0 | **32.8** | **6,970** | < 1.0 | < 1.0 | < 1.0 |
| **Other VOCs** | **Varies** | **Varies** | **Varies** | **Varies** | ND | ND | ND | ND | ND | ND | ND | ND | ND |

Notes:

ERH = extended range hydrocarbons

VOCs = volatile organic compounds

EPA = United States Environmental Protection Agency

µg/kg = micrograms per kilogram

DRO = diesel-range organics

MORO = motor oil-range organics

RSL =June 2020 (May 2022) Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO) Human Health Risk Assessment (HHRA) Note 3 Regional Screening Levels (RSLs). If DTSC RSLs do not exist, November 2023 EPA RSLs were utilized.

ESL = San Francisco Bay Regional Water Quality Control Board Environmental Screening Level (July 2019)

< = not detected above indicated laboratory Reporting Limit (RL)

ND = not detected above laboratory RL

Values in **bold** exceed laboratory RL

Green-highlighted values exceed leaching to groundwater regulatory guideline.

Yellow-highlighted values exceed leaching to groundwater and residential regulatory guidelines.

Orange-highlighted values exceed leaching to groundwater, residential, and commercial/industrial regulatory guidelines.

Table 3: Soil Gas Sample VOCs Laboratory Results
10414-10422 South Vermont Avenue
Los Angeles, California 90044
Partner Project Number ES23-426826.1
February 28, 2024

| EPA Method | VOCs via 8260B | | | | | | |
|---|---|---|---|---|---|---|---|
| Units | ($\mu g/m^3$) | | | | | | |
| Analyte | Residential SGSL* | Commercial/ Industrial SGSL* | Probe1-5 | Probe2-5 | Probe3-5 | Probe4-5 | Probe5-5 |
| 1,2,4-Trimethylbenzene | 2,100 | 8,700 | < 8 | 312 | 138 | 51 | < 8 |
| 1,3,5-Trimethylbenzene | 2,100 | 8,700 | < 8 | 114 | 67 | 17 | < 8 |
| 4-Isopropyltoluene | NE | NE | 112 | 513 | 394 | 870 | 637 |
| Benzene | 3.2 | 14 | < 8 | < 8 | 18 | 22 | 29 |
| Bromodichloromethane | 2.5 | 11 | < 8 | < 8 | < 8 | < 8 | 14 |
| Chloroform | 4.0 | 18 | 26 | < 8 | 33 | 26 | 24 |
| Ethylbenzene | 37 | 160 | 10 | 450 | 162 | 22 | 16 |
| Isopropylbenzene | 14,000 | 60,000 | < 8 | 25 | 17 | < 8 | < 8 |
| m,p-Xylene | 3,300 | 15,000 | 27 | 1540 | 615 | 88 | 63 |
| n-Propylbenzene | 33,000 | 150,000 | < 8 | 59 | 22 | < 8 | < 8 |
| o-Xylene | 3,300 | 15,000 | < 8 | 90 | 42 | 9 | < 8 |
| Toluene | 10,000 | 43,000 | 107 | 464 | 183 | 79 | 61 |
| Other VOCs | Varies | Varies | ND | ND | ND | ND | ND |

Notes:

*Calculated soil gas screening levels (SGSLs) for soil gas concentrations were derived by dividing the Department of Toxic Substances Control (DTSC) or United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) for each compound with an attenuation factor of 0.03 for soil gas samples. DTSC RSLs are provided in the June 2020 (Revised May 2022) DTSC Human and Ecological Risk Office (HERO) Human Health Risk Assessment (HHRA) Note 3. Where DTSC RSLs were not available, November 2023 EPA RSLs were utilized.

VOCs = volatile organic compounds

$\mu g/m^3$ = micrograms per cubic meter

< = not detected above indicated laboratory repoprting limit (RL)

ND = not detected above laboratory RLs

Values in **bold** exceed laboratory RLs

Orange-highlighted values exceed residential and commercial/industrial regulatory guidelines.

PARTNER

# APPENDIX A: LABORATORY REPORT

JONES ENVIRONMENTAL, INC.

714-449-9937
562-646-1611

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

13 March 2024

Terri Men
Partner Engineering & Science, Inc.
24 Executive Park,
Irvine, CA

Re: Little Green Acres Park

Enclosed are the results of analyses for samples received by the laboratory on 02/28/24. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Colby Wakeman
Lab Director

JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

| | | |
|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

**ANALYTICAL REPORT FOR SAMPLES**

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|---|---|---|---|---|
| Garden1-10 | J240528-003 | Soil | 02/28/2024 08:41 | 02/28/2024 17:49 |
| Garden2-2 | J240528-006 | Soil | 02/28/2024 10:33 | 02/28/2024 17:49 |
| Garden2-5 | J240528-007 | Soil | 02/28/2024 10:41 | 02/28/2024 17:49 |
| Garden2-10 | J240528-008 | Soil | 02/28/2024 10:51 | 02/28/2024 17:49 |
| Garden2-15 | J240528-009 | Soil | 02/28/2024 11:01 | 02/28/2024 17:49 |
| Garden2-20 | J240528-010 | Soil | 02/28/2024 11:14 | 02/28/2024 17:49 |
| Garden3-2 | J240528-011 | Soil | 02/28/2024 11:23 | 02/28/2024 17:49 |
| Garden4-20 | J240528-020 | Soil | 02/28/2024 12:58 | 02/28/2024 17:49 |
| Garden5-5 | J240528-022 | Soil | 02/28/2024 13:18 | 02/28/2024 17:49 |

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

| | | |
|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

## DETECTIONS SUMMARY

**Sample ID:** Garden1-10 **Laboratory ID:** J240528-003

**No Results Detected**

**Sample ID:** Garden2-2 **Laboratory ID:** J240528-006

| Analyte | Result | Reporting Limit | Units | Method | Notes |
|---|---|---|---|---|---|
| C10 - C28 | 18.0 | 10.0 | mg/kg | EPA 8015 | |
| C23 - C40 | 88.8 | 10.0 | mg/kg | EPA 8015 | |

**Sample ID:** Garden2-5 **Laboratory ID:** J240528-007

**No Results Detected**

**Sample ID:** Garden2-10 **Laboratory ID:** J240528-008

**No Results Detected**

**Sample ID:** Garden2-15 **Laboratory ID:** J240528-009

| Analyte | Result | Reporting Limit | Units | Method | Notes |
|---|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | 19800 | 100 | µg/kg | EPA 8260 | |
| 1,3,5-Trimethylbenzene | 5220 | 100 | µg/kg | EPA 8260 | |
| 4-Isopropyltoluene | 20.1 | 1.0 | µg/kg | EPA 8260 | |
| Benzene | 6.7 | 1.0 | µg/kg | EPA 8260 | |
| Ethylbenzene | 469 | 1.0 | µg/kg | EPA 8260 | |
| Gasoline Range Organics (C4-C12) | 205 | 20.0 | mg/kg | EPA 8260 | |
| Isopropylbenzene | 71.3 | 1.0 | µg/kg | EPA 8260 | |
| m+p-Xylene | 15600 | 200 | µg/kg | EPA 8260 | |
| Naphthalene | 337 | 5.0 | µg/kg | EPA 8260 | |
| n-Propylbenzene | 251 | 1.0 | µg/kg | EPA 8260 | |

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

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|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

## DETECTIONS SUMMARY

**Sample ID:** Garden2-15 **Laboratory ID:** J240528-009

| Analyte | Result | Reporting Limit | Units | Method | Notes |
|---|---|---|---|---|---|
| o-Xylene | 497 | 1.0 | µg/kg | EPA 8260 | |
| Toluene | 32.8 | 1.0 | µg/kg | EPA 8260 | |

**Sample ID:** Garden2-20 **Laboratory ID:** J240528-010

| Analyte | Result | Reporting Limit | Units | Method | Notes |
|---|---|---|---|---|---|
| C10 - C28 | 41.9 | 10.0 | mg/kg | EPA 8015 | |
| C13 - C22 | 41.9 | 10.0 | mg/kg | EPA 8015 | |
| 1,2,4-Trimethylbenzene | 81300 | 100 | µg/kg | EPA 8260 | |
| 1,3,5-Trimethylbenzene | 20000 | 100 | µg/kg | EPA 8260 | |
| 4-Isopropyltoluene | 60.4 | 1.0 | µg/kg | EPA 8260 | |
| Benzene | 229 | 1.0 | µg/kg | EPA 8260 | |
| Ethylbenzene | 18700 | 100 | µg/kg | EPA 8260 | |
| Gasoline Range Organics (C4-C12) | 759 | 20.0 | mg/kg | EPA 8260 | |
| Isopropylbenzene | 272 | 1.0 | µg/kg | EPA 8260 | |
| m+p-Xylene | 81300 | 200 | µg/kg | EPA 8260 | |
| Naphthalene | 16400 | 500 | µg/kg | EPA 8260 | |
| n-Propylbenzene | 824 | 1.0 | µg/kg | EPA 8260 | |
| o-Xylene | 34400 | 100 | µg/kg | EPA 8260 | |
| Toluene | 6970 | 100 | µg/kg | EPA 8260 | |

**Sample ID:** Garden3-2 **Laboratory ID:** J240528-011

**No Results Detected**

**Sample ID:** Garden4-20 **Laboratory ID:** J240528-020

**No Results Detected**

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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714-449-9937 PHONE
562-646-1611 FAX

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|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

## DETECTIONS SUMMARY

**Sample ID:** Garden5-5 **Laboratory ID:** J240528-022

**No Results Detected**

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| | | |
|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

Garden1-10
J240528-003(Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **TPH Diesel - TPH Oil by EPA 8015** | | | | | | | | |
| C10 - C28 | ND | 10.0 | mg/kg | 1 | QC2403038 | 03/01/24 | EPA 8015 | |
| C13 - C22 | ND | 10.0 | mg/kg | " | " | " | " | |
| C23 - C40 | ND | 10.0 | mg/kg | " | " | " | " | |
| *Surrogate: Hexacosane* | *105.02 %* | *50 - 140* | | | | | | |
| **Volatile Organic Compounds by EPA 8260** | | | | | | | | |
| Benzene | ND | 1.0 | µg/kg | 1 | QC2403008 | 02/29/24 | EPA 8260 | |
| Bromobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Bromodichloromethane | ND | 1.0 | µg/kg | " | " | " | " | |
| Bromoform | ND | 1.0 | µg/kg | " | " | " | " | |
| n-Butylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| sec-Butylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| tert-Butylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Carbon tetrachloride | ND | 1.0 | µg/kg | " | " | " | " | |
| Chlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Chloroform | ND | 1.0 | µg/kg | " | " | " | " | |
| 2-Chlorotoluene | ND | 1.0 | µg/kg | " | " | " | " | |
| 4-Chlorotoluene | ND | 1.0 | µg/kg | " | " | " | " | |
| Dibromochloromethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | µg/kg | " | " | " | " | |
| Dibromomethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2- Dichlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1-Dichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1-Dichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,3-Dichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 2,2-Dichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1-Dichloropropene | ND | 1.0 | µg/kg | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 1.0 | µg/kg | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 1.0 | µg/kg | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Freon 11 | ND | 5.0 | µg/kg | " | " | " | " | |
| Freon 12 | ND | 5.0 | µg/kg | " | " | " | " | |
| Freon 113 | ND | 5.0 | µg/kg | " | " | " | " | |

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

| | | |
|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

Garden1-10
J240528-003(Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260** | | | | | | | | |
| Hexachlorobutadiene | ND | 1.0 | µg/kg | 1 | QC2403008 | 02/29/24 | EPA 8260 | |
| Isopropylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 4-Isopropyltoluene | ND | 1.0 | µg/kg | " | " | " | " | |
| Methylene chloride | ND | 1.0 | µg/kg | " | " | " | " | |
| Naphthalene | ND | 5.0 | µg/kg | " | " | " | " | |
| n-Propylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Styrene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| Tetrachloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| Toluene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 3.0 | µg/kg | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 3.0 | µg/kg | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| Trichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Vinyl chloride | ND | 1.0 | µg/kg | " | " | " | " | |
| m+p-Xylene | ND | 2.0 | µg/kg | " | " | " | " | |
| o-Xylene | ND | 1.0 | µg/kg | " | " | " | " | |
| Methyl-tert-butylether | ND | 5.0 | µg/kg | " | " | " | " | |
| Ethyl-tert-butylether | ND | 5.0 | µg/kg | " | " | " | " | |
| Di-isopropylether | ND | 5.0 | µg/kg | " | " | " | " | |
| tert-amylmethylether | ND | 5.0 | µg/kg | " | " | " | " | |
| tert-Butylalcohol | ND | 50.0 | µg/kg | " | " | " | " | |
| Gasoline Range Organics (C4-C12) | ND | 0.20 | mg/kg | " | " | " | " | |

| | | |
|---|---|---|
| *Surrogate: Toluene-d8* | *93.28 %* | *60 - 140* |
| *Surrogate: Dibromofluoromethane* | *109.05 %* | *60 - 140* |
| *Surrogate: 4-Bromofluorobenzene* | *95.79 %* | *60 - 140* |

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

Garden2-2
J240528-006(Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **TPH Diesel - TPH Oil by EPA 8015** | | | | | | | | |
| C10 - C28 | 18.0 | 10.0 | mg/kg | 1 | QC2403207 | 03/13/24 | EPA 8015 | |
| C13 - C22 | ND | 10.0 | mg/kg | " | " | " | " | |
| C23 - C40 | 88.8 | 10.0 | mg/kg | " | " | " | " | |
| *Surrogate: Hexacosane* | *108.16 %* | *50 - 140* | | | | | | |
| **Volatile Organic Compounds by EPA 8260** | | | | | | | | |
| Benzene | ND | 1.0 | µg/kg | 1 | QC2403168 | 03/11/24 | EPA 8260 | |
| Bromobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Bromodichloromethane | ND | 1.0 | µg/kg | " | " | " | " | |
| Bromoform | ND | 1.0 | µg/kg | " | " | " | " | |
| n-Butylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| sec-Butylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| tert-Butylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Carbon tetrachloride | ND | 1.0 | µg/kg | " | " | " | " | |
| Chlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Chloroform | ND | 1.0 | µg/kg | " | " | " | " | |
| 2-Chlorotoluene | ND | 1.0 | µg/kg | " | " | " | " | |
| 4-Chlorotoluene | ND | 1.0 | µg/kg | " | " | " | " | |
| Dibromochloromethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | µg/kg | " | " | " | " | |
| Dibromomethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2- Dichlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1-Dichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1-Dichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,3-Dichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 2,2-Dichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1-Dichloropropene | ND | 1.0 | µg/kg | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 1.0 | µg/kg | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 1.0 | µg/kg | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Freon 11 | ND | 5.0 | µg/kg | " | " | " | " | |
| Freon 12 | ND | 5.0 | µg/kg | " | " | " | " | |
| Freon 113 | ND | 5.0 | µg/kg | " | " | " | " | |

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

| | | |
|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

Garden2-2
J240528-006(Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260** | | | | | | | | |
| Hexachlorobutadiene | ND | 1.0 | µg/kg | 1 | QC2403168 | 03/11/24 | EPA 8260 | |
| Isopropylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 4-Isopropyltoluene | ND | 1.0 | µg/kg | " | " | " | " | |
| Methylene chloride | ND | 1.0 | µg/kg | " | " | " | " | |
| Naphthalene | ND | 5.0 | µg/kg | " | " | " | " | |
| n-Propylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Styrene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| Tetrachloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| Toluene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 3.0 | µg/kg | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 3.0 | µg/kg | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| Trichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Vinyl chloride | ND | 1.0 | µg/kg | " | " | " | " | |
| m+p-Xylene | ND | 2.0 | µg/kg | " | " | " | " | |
| o-Xylene | ND | 1.0 | µg/kg | " | " | " | " | |
| Methyl-tert-butylether | ND | 5.0 | µg/kg | " | " | " | " | |
| Ethyl-tert-butylether | ND | 5.0 | µg/kg | " | " | " | " | |
| Di-isopropylether | ND | 5.0 | µg/kg | " | " | " | " | |
| tert-amylmethylether | ND | 5.0 | µg/kg | " | " | " | " | |
| tert-Butylalcohol | ND | 50.0 | µg/kg | " | " | " | " | |
| Gasoline Range Organics (C4-C12) | ND | 0.20 | mg/kg | " | " | " | " | |

| | | |
|---|---|---|
| *Surrogate: Toluene-d8* | *92.24 %* | *60 - 140* |
| *Surrogate: Dibromofluoromethane* | *113.40 %* | *60 - 140* |
| *Surrogate: 4-Bromofluorobenzene* | *85.66 %* | *60 - 140* |

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|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

Garden2-5
J240528-007(Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **TPH Diesel - TPH Oil by EPA 8015** | | | | | | | | |
| C10 - C28 | ND | 10.0 | mg/kg | 1 | QC2403207 | 03/13/24 | EPA 8015 | |
| C13 - C22 | ND | 10.0 | mg/kg | " | " | " | " | |
| C23 - C40 | ND | 10.0 | mg/kg | " | " | " | " | |
| *Surrogate: Hexacosane* | *106.56 %* | *50 - 140* | | | | | | |
| **Volatile Organic Compounds by EPA 8260** | | | | | | | | |
| Benzene | ND | 1.0 | µg/kg | 1 | QC2403168 | 03/11/24 | EPA 8260 | |
| Bromobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Bromodichloromethane | ND | 1.0 | µg/kg | " | " | " | " | |
| Bromoform | ND | 1.0 | µg/kg | " | " | " | " | |
| n-Butylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| sec-Butylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| tert-Butylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Carbon tetrachloride | ND | 1.0 | µg/kg | " | " | " | " | |
| Chlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Chloroform | ND | 1.0 | µg/kg | " | " | " | " | |
| 2-Chlorotoluene | ND | 1.0 | µg/kg | " | " | " | " | |
| 4-Chlorotoluene | ND | 1.0 | µg/kg | " | " | " | " | |
| Dibromochloromethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | µg/kg | " | " | " | " | |
| Dibromomethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2- Dichlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1-Dichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1-Dichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,3-Dichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 2,2-Dichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1-Dichloropropene | ND | 1.0 | µg/kg | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 1.0 | µg/kg | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 1.0 | µg/kg | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Freon 11 | ND | 5.0 | µg/kg | " | " | " | " | |
| Freon 12 | ND | 5.0 | µg/kg | " | " | " | " | |
| Freon 113 | ND | 5.0 | µg/kg | " | " | " | " | |

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714-449-9937 PHONE
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|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

Garden2-5
J240528-007(Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260** | | | | | | | | |
| Hexachlorobutadiene | ND | 1.0 | µg/kg | 1 | QC2403168 | 03/11/24 | EPA 8260 | |
| Isopropylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 4-Isopropyltoluene | ND | 1.0 | µg/kg | " | " | " | " | |
| Methylene chloride | ND | 1.0 | µg/kg | " | " | " | " | |
| Naphthalene | ND | 5.0 | µg/kg | " | " | " | " | |
| n-Propylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Styrene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| Tetrachloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| Toluene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 3.0 | µg/kg | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 3.0 | µg/kg | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| Trichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Vinyl chloride | ND | 1.0 | µg/kg | " | " | " | " | |
| m+p-Xylene | ND | 2.0 | µg/kg | " | " | " | " | |
| o-Xylene | ND | 1.0 | µg/kg | " | " | " | " | |
| Methyl-tert-butylether | ND | 5.0 | µg/kg | " | " | " | " | |
| Ethyl-tert-butylether | ND | 5.0 | µg/kg | " | " | " | " | |
| Di-isopropylether | ND | 5.0 | µg/kg | " | " | " | " | |
| tert-amylmethylether | ND | 5.0 | µg/kg | " | " | " | " | |
| tert-Butylalcohol | ND | 50.0 | µg/kg | " | " | " | " | |
| Gasoline Range Organics (C4-C12) | ND | 0.20 | mg/kg | " | " | " | " | |

| | | |
|---|---|---|
| *Surrogate: Toluene-d8* | *90.04 %* | *60 - 140* |
| *Surrogate: Dibromofluoromethane* | *113.78 %* | *60 - 140* |
| *Surrogate: 4-Bromofluorobenzene* | *83.06 %* | *60 - 140* |

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|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

Garden2-10
J240528-008(Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **TPH Diesel - TPH Oil by EPA 8015** | | | | | | | | |
| C10 - C28 | ND | 10.0 | mg/kg | 1 | QC2403207 | 03/13/24 | EPA 8015 | |
| C13 - C22 | ND | 10.0 | mg/kg | " | " | " | " | |
| C23 - C40 | ND | 10.0 | mg/kg | " | " | " | " | |
| *Surrogate: Hexacosane* | *102.69 %* | *50 - 140* | | | | | | |
| **Volatile Organic Compounds by EPA 8260** | | | | | | | | |
| Benzene | ND | 1.0 | µg/kg | 1 | QC2403168 | 03/11/24 | EPA 8260 | |
| Bromobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Bromodichloromethane | ND | 1.0 | µg/kg | " | " | " | " | |
| Bromoform | ND | 1.0 | µg/kg | " | " | " | " | |
| n-Butylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| sec-Butylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| tert-Butylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Carbon tetrachloride | ND | 1.0 | µg/kg | " | " | " | " | |
| Chlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Chloroform | ND | 1.0 | µg/kg | " | " | " | " | |
| 2-Chlorotoluene | ND | 1.0 | µg/kg | " | " | " | " | |
| 4-Chlorotoluene | ND | 1.0 | µg/kg | " | " | " | " | |
| Dibromochloromethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | µg/kg | " | " | " | " | |
| Dibromomethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2- Dichlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1-Dichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1-Dichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,3-Dichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 2,2-Dichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1-Dichloropropene | ND | 1.0 | µg/kg | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 1.0 | µg/kg | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 1.0 | µg/kg | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Freon 11 | ND | 5.0 | µg/kg | " | " | " | " | |
| Freon 12 | ND | 5.0 | µg/kg | " | " | " | " | |
| Freon 113 | ND | 5.0 | µg/kg | " | " | " | " | |

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Lab Director

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SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

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|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

Garden2-10
J240528-008(Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260** | | | | | | | | |
| Hexachlorobutadiene | ND | 1.0 | µg/kg | 1 | QC2403168 | 03/11/24 | EPA 8260 | |
| Isopropylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 4-Isopropyltoluene | ND | 1.0 | µg/kg | " | " | " | " | |
| Methylene chloride | ND | 1.0 | µg/kg | " | " | " | " | |
| Naphthalene | ND | 5.0 | µg/kg | " | " | " | " | |
| n-Propylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Styrene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| Tetrachloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| Toluene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 3.0 | µg/kg | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 3.0 | µg/kg | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| Trichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Vinyl chloride | ND | 1.0 | µg/kg | " | " | " | " | |
| m+p-Xylene | ND | 2.0 | µg/kg | " | " | " | " | |
| o-Xylene | ND | 1.0 | µg/kg | " | " | " | " | |
| Methyl-tert-butylether | ND | 5.0 | µg/kg | " | " | " | " | |
| Ethyl-tert-butylether | ND | 5.0 | µg/kg | " | " | " | " | |
| Di-isopropylether | ND | 5.0 | µg/kg | " | " | " | " | |
| tert-amylmethylether | ND | 5.0 | µg/kg | " | " | " | " | |
| tert-Butylalcohol | ND | 50.0 | µg/kg | " | " | " | " | |
| Gasoline Range Organics (C4-C12) | ND | 0.20 | mg/kg | " | " | " | " | |

| | | |
|---|---|---|
| *Surrogate: Toluene-d8* | *89.27 %* | *60 - 140* |
| *Surrogate: Dibromofluoromethane* | *113.48 %* | *60 - 140* |
| *Surrogate: 4-Bromofluorobenzene* | *83.03 %* | *60 - 140* |

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|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

Garden2-15
J240528-009(Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **TPH Diesel - TPH Oil by EPA 8015** | | | | | | | | |
| C10 - C28 | ND | 10.0 | mg/kg | 1 | QC2403038 | 03/01/24 | EPA 8015 | |
| C13 - C22 | ND | 10.0 | mg/kg | " | " | " | " | |
| C23 - C40 | ND | 10.0 | mg/kg | " | " | " | " | |
| *Surrogate: Hexacosane* | *106.22 %* | *50 - 140* | | | | | | |
| **Volatile Organic Compounds by EPA 8260** | | | | | | | | |
| Benzene | 6.7 | 1.0 | µg/kg | 1 | QC2403008 | 02/29/24 | EPA 8260 | |
| Bromobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Bromodichloromethane | ND | 1.0 | µg/kg | " | " | " | " | |
| Bromoform | ND | 1.0 | µg/kg | " | " | " | " | |
| n-Butylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| sec-Butylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| tert-Butylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Carbon tetrachloride | ND | 1.0 | µg/kg | " | " | " | " | |
| Chlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Chloroform | ND | 1.0 | µg/kg | " | " | " | " | |
| 2-Chlorotoluene | ND | 1.0 | µg/kg | " | " | " | " | |
| 4-Chlorotoluene | ND | 1.0 | µg/kg | " | " | " | " | |
| Dibromochloromethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | µg/kg | " | " | " | " | |
| Dibromomethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2- Dichlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1-Dichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1-Dichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,3-Dichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 2,2-Dichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1-Dichloropropene | ND | 1.0 | µg/kg | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 1.0 | µg/kg | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 1.0 | µg/kg | " | " | " | " | |
| Ethylbenzene | 469 | 1.0 | µg/kg | " | " | " | " | |
| Freon 11 | ND | 5.0 | µg/kg | " | " | " | " | |
| Freon 12 | ND | 5.0 | µg/kg | " | " | " | " | |
| Freon 113 | ND | 5.0 | µg/kg | " | " | " | " | |

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Colby Wakeman
Lab Director

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| | | |
|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

Garden2-15
J240528-009(Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260** | | | | | | | | |
| Hexachlorobutadiene | ND | 1.0 | µg/kg | 1 | QC2403008 | 02/29/24 | EPA 8260 | |
| Isopropylbenzene | 71.3 | 1.0 | µg/kg | " | " | " | " | |
| 4-Isopropyltoluene | 20.1 | 1.0 | µg/kg | " | " | " | " | |
| Methylene chloride | ND | 1.0 | µg/kg | " | " | " | " | |
| Naphthalene | 337 | 5.0 | µg/kg | " | " | " | " | |
| n-Propylbenzene | 251 | 1.0 | µg/kg | " | " | " | " | |
| Styrene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| Tetrachloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| Toluene | 32.8 | 1.0 | µg/kg | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 3.0 | µg/kg | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 3.0 | µg/kg | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| Trichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2,4-Trimethylbenzene | 19800 | 100 | µg/kg | 100 | " | " | " | |
| 1,3,5-Trimethylbenzene | 5220 | 100 | µg/kg | " | " | " | " | |
| Vinyl chloride | ND | 1.0 | µg/kg | 1 | " | " | " | |
| m+p-Xylene | 15600 | 200 | µg/kg | 100 | " | " | " | |
| o-Xylene | 497 | 1.0 | µg/kg | 1 | " | " | " | |
| Methyl-tert-butylether | ND | 5.0 | µg/kg | " | " | " | " | |
| Ethyl-tert-butylether | ND | 5.0 | µg/kg | " | " | " | " | |
| Di-isopropylether | ND | 5.0 | µg/kg | " | " | " | " | |
| tert-amylmethylether | ND | 5.0 | µg/kg | " | " | " | " | |
| tert-Butylalcohol | ND | 50.0 | µg/kg | " | " | " | " | |
| Gasoline Range Organics (C4-C12) | 205 | 20.0 | mg/kg | 100 | " | " | " | |

| | | |
|---|---|---|
| *Surrogate: Toluene-d8* | *101.78 %* | *60 - 140* |
| *Surrogate: Dibromofluoromethane* | *110.56 %* | *60 - 140* |
| *Surrogate: 4-Bromofluorobenzene* | *112.59 %* | *60 - 140* |

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SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

| | | |
|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

Garden2-20
J240528-010(Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **TPH Diesel - TPH Oil by EPA 8015** | | | | | | | | |
| C10 - C28 | 41.9 | 10.0 | mg/kg | 1 | QC2403207 | 03/13/24 | EPA 8015 | |
| C13 - C22 | 41.9 | 10.0 | mg/kg | " | " | " | " | |
| C23 - C40 | ND | 10.0 | mg/kg | " | " | " | " | |
| *Surrogate: Hexacosane* | *105.67 %* | *50 - 140* | | | | | | |
| **Volatile Organic Compounds by EPA 8260** | | | | | | | | |
| Benzene | 229 | 1.0 | µg/kg | 1 | QC2403168 | 03/11/24 | EPA 8260 | |
| Bromobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Bromodichloromethane | ND | 1.0 | µg/kg | " | " | " | " | |
| Bromoform | ND | 1.0 | µg/kg | " | " | " | " | |
| n-Butylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| sec-Butylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| tert-Butylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Carbon tetrachloride | ND | 1.0 | µg/kg | " | " | " | " | |
| Chlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Chloroform | ND | 1.0 | µg/kg | " | " | " | " | |
| 2-Chlorotoluene | ND | 1.0 | µg/kg | " | " | " | " | |
| 4-Chlorotoluene | ND | 1.0 | µg/kg | " | " | " | " | |
| Dibromochloromethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | µg/kg | " | " | " | " | |
| Dibromomethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2- Dichlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1-Dichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1-Dichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,3-Dichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 2,2-Dichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1-Dichloropropene | ND | 1.0 | µg/kg | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 1.0 | µg/kg | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 1.0 | µg/kg | " | " | " | " | |
| Ethylbenzene | 18700 | 100 | µg/kg | 100 | " | " | " | |
| Freon 11 | ND | 5.0 | µg/kg | 1 | " | " | " | |
| Freon 12 | ND | 5.0 | µg/kg | " | " | " | " | |
| Freon 113 | ND | 5.0 | µg/kg | " | " | " | " | |

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|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

Garden2-20
J240528-010(Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260** | | | | | | | | |
| Hexachlorobutadiene | ND | 1.0 | µg/kg | 1 | QC2403168 | 03/11/24 | EPA 8260 | |
| Isopropylbenzene | 272 | 1.0 | µg/kg | " | " | " | " | |
| 4-Isopropyltoluene | 60.4 | 1.0 | µg/kg | " | " | " | " | |
| Methylene chloride | ND | 1.0 | µg/kg | " | " | " | " | |
| Naphthalene | 16400 | 500 | µg/kg | 100 | " | " | " | |
| n-Propylbenzene | 824 | 1.0 | µg/kg | 1 | " | " | " | |
| Styrene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| Tetrachloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| Toluene | 6970 | 100 | µg/kg | 100 | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 3.0 | µg/kg | 1 | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 3.0 | µg/kg | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| Trichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2,4-Trimethylbenzene | 81300 | 100 | µg/kg | 100 | " | " | " | |
| 1,3,5-Trimethylbenzene | 20000 | 100 | µg/kg | " | " | " | " | |
| Vinyl chloride | ND | 1.0 | µg/kg | 1 | " | " | " | |
| m+p-Xylene | 81300 | 200 | µg/kg | 100 | " | " | " | |
| o-Xylene | 34400 | 100 | µg/kg | " | " | " | " | |
| Methyl-tert-butylether | ND | 5.0 | µg/kg | 1 | " | " | " | |
| Ethyl-tert-butylether | ND | 5.0 | µg/kg | " | " | " | " | |
| Di-isopropylether | ND | 5.0 | µg/kg | " | " | " | " | |
| tert-amylmethylether | ND | 5.0 | µg/kg | " | " | " | " | |
| tert-Butylalcohol | ND | 50.0 | µg/kg | " | " | " | " | |
| Gasoline Range Organics (C4-C12) | 759 | 20.0 | mg/kg | 100 | " | " | " | |

| | | | |
|---|---|---|---|
| *Surrogate: Toluene-d8* | *218.26 %* | *60 - 140* | HHSR |
| *Surrogate: Dibromofluoromethane* | *111.52 %* | *60 - 140* | |
| *Surrogate: 4-Bromofluorobenzene* | *155.75 %* | *60 - 140* | HHSR |

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|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

Garden3-2
J240528-011(Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **TPH Diesel - TPH Oil by EPA 8015** | | | | | | | | |
| C10 - C28 | ND | 10.0 | mg/kg | 1 | QC2403038 | 03/01/24 | EPA 8015 | |
| C13 - C22 | ND | 10.0 | mg/kg | " | " | " | " | |
| C23 - C40 | ND | 10.0 | mg/kg | " | " | " | " | |
| *Surrogate: Hexacosane* | *107.12 %* | *50 - 140* | | | | | | |
| **Volatile Organic Compounds by EPA 8260** | | | | | | | | |
| Benzene | ND | 1.0 | µg/kg | 1 | QC2403028 | 03/01/24 | EPA 8260 | |
| Bromobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Bromodichloromethane | ND | 1.0 | µg/kg | " | " | " | " | |
| Bromoform | ND | 1.0 | µg/kg | " | " | " | " | |
| n-Butylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| sec-Butylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| tert-Butylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Carbon tetrachloride | ND | 1.0 | µg/kg | " | " | " | " | |
| Chlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Chloroform | ND | 1.0 | µg/kg | " | " | " | " | |
| 2-Chlorotoluene | ND | 1.0 | µg/kg | " | " | " | " | |
| 4-Chlorotoluene | ND | 1.0 | µg/kg | " | " | " | " | |
| Dibromochloromethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | µg/kg | " | " | " | " | |
| Dibromomethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2- Dichlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1-Dichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1-Dichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,3-Dichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 2,2-Dichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1-Dichloropropene | ND | 1.0 | µg/kg | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 1.0 | µg/kg | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 1.0 | µg/kg | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Freon 11 | ND | 5.0 | µg/kg | " | " | " | " | |
| Freon 12 | ND | 5.0 | µg/kg | " | " | " | " | |
| Freon 113 | ND | 5.0 | µg/kg | " | " | " | " | |

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|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

Garden3-2
J240528-011(Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260** | | | | | | | | |
| Hexachlorobutadiene | ND | 1.0 | µg/kg | 1 | QC2403028 | 03/01/24 | EPA 8260 | |
| Isopropylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 4-Isopropyltoluene | ND | 1.0 | µg/kg | " | " | " | " | |
| Methylene chloride | ND | 1.0 | µg/kg | " | " | " | " | |
| Naphthalene | ND | 5.0 | µg/kg | " | " | " | " | |
| n-Propylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Styrene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| Tetrachloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| Toluene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 3.0 | µg/kg | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 3.0 | µg/kg | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| Trichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Vinyl chloride | ND | 1.0 | µg/kg | " | " | " | " | |
| m+p-Xylene | ND | 2.0 | µg/kg | " | " | " | " | |
| o-Xylene | ND | 1.0 | µg/kg | " | " | " | " | |
| Methyl-tert-butylether | ND | 5.0 | µg/kg | " | " | " | " | |
| Ethyl-tert-butylether | ND | 5.0 | µg/kg | " | " | " | " | |
| Di-isopropylether | ND | 5.0 | µg/kg | " | " | " | " | |
| tert-amylmethylether | ND | 5.0 | µg/kg | " | " | " | " | |
| tert-Butylalcohol | ND | 50.0 | µg/kg | " | " | " | " | |
| Gasoline Range Organics (C4-C12) | ND | 0.20 | mg/kg | " | " | " | " | |

| | | |
|---|---|---|
| *Surrogate: Toluene-d8* | *91.04 %* | *60 - 140* |
| *Surrogate: Dibromofluoromethane* | *109.60 %* | *60 - 140* |
| *Surrogate: 4-Bromofluorobenzene* | *94.49 %* | *60 - 140* |

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|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

Garden4-20
J240528-020(Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **TPH Diesel - TPH Oil by EPA 8015** | | | | | | | | |
| C10 - C28 | ND | 10.0 | mg/kg | 1 | QC2403038 | 03/01/24 | EPA 8015 | |
| C13 - C22 | ND | 10.0 | mg/kg | " | " | " | " | |
| C23 - C40 | ND | 10.0 | mg/kg | " | " | " | " | |
| *Surrogate: Hexacosane* | *107.92 %* | *50 - 140* | | | | | | |
| **Volatile Organic Compounds by EPA 8260** | | | | | | | | |
| Benzene | ND | 1.0 | µg/kg | 1 | QC2403008 | 02/29/24 | EPA 8260 | |
| Bromobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Bromodichloromethane | ND | 1.0 | µg/kg | " | " | " | " | |
| Bromoform | ND | 1.0 | µg/kg | " | " | " | " | |
| n-Butylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| sec-Butylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| tert-Butylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Carbon tetrachloride | ND | 1.0 | µg/kg | " | " | " | " | |
| Chlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Chloroform | ND | 1.0 | µg/kg | " | " | " | " | |
| 2-Chlorotoluene | ND | 1.0 | µg/kg | " | " | " | " | |
| 4-Chlorotoluene | ND | 1.0 | µg/kg | " | " | " | " | |
| Dibromochloromethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | µg/kg | " | " | " | " | |
| Dibromomethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2- Dichlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1-Dichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1-Dichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,3-Dichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 2,2-Dichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1-Dichloropropene | ND | 1.0 | µg/kg | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 1.0 | µg/kg | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 1.0 | µg/kg | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Freon 11 | ND | 5.0 | µg/kg | " | " | " | " | |
| Freon 12 | ND | 5.0 | µg/kg | " | " | " | " | |
| Freon 113 | ND | 5.0 | µg/kg | " | " | " | " | |

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Lab Director

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|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

Garden4-20
J240528-020(Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260** | | | | | | | | |
| Hexachlorobutadiene | ND | 1.0 | µg/kg | 1 | QC2403008 | 02/29/24 | EPA 8260 | |
| Isopropylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 4-Isopropyltoluene | ND | 1.0 | µg/kg | " | " | " | " | |
| Methylene chloride | ND | 1.0 | µg/kg | " | " | " | " | |
| Naphthalene | ND | 5.0 | µg/kg | " | " | " | " | |
| n-Propylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Styrene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| Tetrachloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| Toluene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 3.0 | µg/kg | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 3.0 | µg/kg | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| Trichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Vinyl chloride | ND | 1.0 | µg/kg | " | " | " | " | |
| m+p-Xylene | ND | 2.0 | µg/kg | " | " | " | " | |
| o-Xylene | ND | 1.0 | µg/kg | " | " | " | " | |
| Methyl-tert-butylether | ND | 5.0 | µg/kg | " | " | " | " | |
| Ethyl-tert-butylether | ND | 5.0 | µg/kg | " | " | " | " | |
| Di-isopropylether | ND | 5.0 | µg/kg | " | " | " | " | |
| tert-amylmethylether | ND | 5.0 | µg/kg | " | " | " | " | |
| tert-Butylalcohol | ND | 50.0 | µg/kg | " | " | " | " | |
| Gasoline Range Organics (C4-C12) | ND | 0.20 | mg/kg | " | " | " | " | |

| | | |
|---|---|---|
| *Surrogate: Toluene-d8* | *92.19 %* | *60 - 140* |
| *Surrogate: Dibromofluoromethane* | *106.09 %* | *60 - 140* |
| *Surrogate: 4-Bromofluorobenzene* | *97.45 %* | *60 - 140* |

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

| | | |
|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

Garden5-5
J240528-022(Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **TPH Diesel - TPH Oil by EPA 8015** | | | | | | | | |
| C10 - C28 | ND | 10.0 | mg/kg | 1 | QC2403038 | 03/01/24 | EPA 8015 | |
| C13 - C22 | ND | 10.0 | mg/kg | " | " | " | " | |
| C23 - C40 | ND | 10.0 | mg/kg | " | " | " | " | |
| *Surrogate: Hexacosane* | *109.94 %* | *50 - 140* | | | | | | |
| **Volatile Organic Compounds by EPA 8260** | | | | | | | | |
| Benzene | ND | 1.0 | µg/kg | 1 | QC2403008 | 02/29/24 | EPA 8260 | |
| Bromobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Bromodichloromethane | ND | 1.0 | µg/kg | " | " | " | " | |
| Bromoform | ND | 1.0 | µg/kg | " | " | " | " | |
| n-Butylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| sec-Butylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| tert-Butylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Carbon tetrachloride | ND | 1.0 | µg/kg | " | " | " | " | |
| Chlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Chloroform | ND | 1.0 | µg/kg | " | " | " | " | |
| 2-Chlorotoluene | ND | 1.0 | µg/kg | " | " | " | " | |
| 4-Chlorotoluene | ND | 1.0 | µg/kg | " | " | " | " | |
| Dibromochloromethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | µg/kg | " | " | " | " | |
| Dibromomethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2- Dichlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1-Dichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1-Dichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2-Dichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,3-Dichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 2,2-Dichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1-Dichloropropene | ND | 1.0 | µg/kg | " | " | " | " | |
| cis-1,3-Dichloropropene | ND | 1.0 | µg/kg | " | " | " | " | |
| trans-1,3-Dichloropropene | ND | 1.0 | µg/kg | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Freon 11 | ND | 5.0 | µg/kg | " | " | " | " | |
| Freon 12 | ND | 5.0 | µg/kg | " | " | " | " | |
| Freon 113 | ND | 5.0 | µg/kg | " | " | " | " | |

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Colby Wakeman
Lab Director

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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

| | | |
|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

Garden5-5
J240528-022(Soil)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260** | | | | | | | | |
| Hexachlorobutadiene | ND | 1.0 | µg/kg | 1 | QC2403008 | 02/29/24 | EPA 8260 | |
| Isopropylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 4-Isopropyltoluene | ND | 1.0 | µg/kg | " | " | " | " | |
| Methylene chloride | ND | 1.0 | µg/kg | " | " | " | " | |
| Naphthalene | ND | 5.0 | µg/kg | " | " | " | " | |
| n-Propylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Styrene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| Tetrachloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| Toluene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2,3-Trichlorobenzene | ND | 3.0 | µg/kg | " | " | " | " | |
| 1,2,4-Trichlorobenzene | ND | 3.0 | µg/kg | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 1.0 | µg/kg | " | " | " | " | |
| Trichloroethene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2,3-Trichloropropane | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | µg/kg | " | " | " | " | |
| Vinyl chloride | ND | 1.0 | µg/kg | " | " | " | " | |
| m+p-Xylene | ND | 2.0 | µg/kg | " | " | " | " | |
| o-Xylene | ND | 1.0 | µg/kg | " | " | " | " | |
| Methyl-tert-butylether | ND | 5.0 | µg/kg | " | " | " | " | |
| Ethyl-tert-butylether | ND | 5.0 | µg/kg | " | " | " | " | |
| Di-isopropylether | ND | 5.0 | µg/kg | " | " | " | " | |
| tert-amylmethylether | ND | 5.0 | µg/kg | " | " | " | " | |
| tert-Butylalcohol | ND | 50.0 | µg/kg | " | " | " | " | |
| Gasoline Range Organics (C4-C12) | ND | 0.20 | mg/kg | " | " | " | " | |

| | | |
|---|---|---|
| *Surrogate: Toluene-d8* | *91.54 %* | *60 - 140* |
| *Surrogate: Dibromofluoromethane* | *105.56 %* | *60 - 140* |
| *Surrogate: 4-Bromofluorobenzene* | *97.08 %* | *60 - 140* |

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| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

**TPH Diesel - TPH Oil by EPA 8015 - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | %REC Limits | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch QC2403038 - EPA 8015** | | | | | | | | | | |
| **CCV 1** | | | | | | | | | | |
| C10 - C28 | 1130 | 10.0 | % | 1000 | | 113 | 80 - 120 | | 120 | |
| **LCS 1** | | | | | | | | | | |
| C10 - C28 | 435 | 10.0 | % | 500 | | 87 | 60 - 140 | | | |
| *Surrogate: Hexacosane* | | *104.50 %* | *50 - 140* | | | | | | | |
| **LCSD 1** | | | | | | | | | | |
| C10 - C28 | 432 | 10.0 | % | 500 | | 86 | 60 - 140 | 0.69 | 140 | |
| *Surrogate: Hexacosane* | | *107.49 %* | *50 - 140* | | | | | | | |
| **Method Blank 1** | | | | | | | | | | |
| C10 - C28 | ND | 10.0 | | | | | | | | |
| C13 - C22 | ND | 10.0 | mg/kg | | | | | | | |
| C23 - C40 | ND | 10.0 | mg/kg | | | | | | | |
| *Surrogate: Hexacosane* | | *103.84 %* | *50 - 140* | | | | | | | |

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|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

**TPH Diesel - TPH Oil by EPA 8015 - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | %REC Limits | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch QC2403207 - EPA 8015** | | | | | | | | | | |
| **CCV 1** | | | | | | | | | | |
| C10 - C28 | 1100 | 10.0 | % | 1000 | | 110 | 80 - 120 | | 120 | |
| **LCS 1** | | | | | | | | | | |
| C10 - C28 | 558 | 10.0 | % | 500 | | 112 | 60 - 140 | | | |
| *Surrogate: Hexacosane* | | *103.46 %* | *50 - 140* | | | | | | | |
| **LCSD 1** | | | | | | | | | | |
| C10 - C28 | 545 | 10.0 | % | 500 | | 109 | 60 - 140 | 2.26 | 140 | |
| *Surrogate: Hexacosane* | | *127.59 %* | *50 - 140* | | | | | | | |
| **Method Blank 1** | | | | | | | | | | |
| C10 - C28 | ND | 10.0 | mg/kg | | | | | | | |
| C13 - C22 | ND | 10.0 | mg/kg | | | | | | | |
| C23 - C40 | ND | 10.0 | mg/kg | | | | | | | |
| *Surrogate: Hexacosane* | | *131.67 %* | *50 - 140* | | | | | | | |

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|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

**Volatile Organic Compounds by EPA 8260 - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | %REC Limits | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch QC2403008 - EPA 8260** | | | | | | | | | | |
| **CCV 1** | | | | | | | | | | |
| Benzene | 248 | 1.0 | % | 250 | | 99 | 80 - 120 | | 120 | |
| Chlorobenzene | 257 | 1.0 | % | 250 | | 103 | 80 - 120 | | 120 | |
| 1,1-Dichloroethene | 213 | 1.0 | % | 250 | | 85 | 80 - 120 | | 120 | |
| cis-1,2-Dichloroethene | 247 | 1.0 | % | 250 | | 99 | 80 - 120 | | 120 | |
| Ethylbenzene | 255 | 1.0 | % | 250 | | 102 | 80 - 120 | | 120 | |
| Tetrachloroethene | 260 | 1.0 | % | 250 | | 104 | 80 - 120 | | 120 | |
| Toluene | 261 | 1.0 | % | 250 | | 104 | 80 - 120 | | 120 | |
| 1,1,1-Trichloroethane | 235 | 1.0 | % | 250 | | 94 | 80 - 120 | | 120 | |
| Trichloroethene | 255 | 1.0 | % | 250 | | 102 | 80 - 120 | | 120 | |
| 1,2,4-Trimethylbenzene | 255 | 1.0 | % | 250 | | 102 | 80 - 120 | | 120 | |
| Vinyl chloride | 216 | 1.0 | % | 250 | | 86 | 80 - 120 | | 120 | |
| **LCS 1** | | | | | | | | | | |
| Benzene | 49.8 | 1.0 | % | 50 | | 100 | 70 - 130 | | | |
| Chlorobenzene | 51.9 | 1.0 | % | 50 | | 104 | 70 - 130 | | | |
| 1,1-Dichloroethene | 43.5 | 1.0 | % | 50 | | 87 | 60 - 140 | | | |
| cis-1,2-Dichloroethene | 48.0 | 1.0 | % | 50 | | 96 | 70 - 130 | | | |
| Ethylbenzene | 45.5 | 1.0 | % | 50 | | 91 | 70 - 130 | | | |
| Tetrachloroethene | 52.3 | 1.0 | % | 50 | | 105 | 70 - 130 | | | |
| Toluene | 53.0 | 1.0 | % | 50 | | 106 | 70 - 130 | | | |
| 1,1,1-Trichloroethane | 45.2 | 1.0 | % | 50 | | 90 | 70 - 130 | | | |
| Trichloroethene | 52.9 | 1.0 | % | 50 | | 106 | 70 - 130 | | | |
| 1,2,4-Trimethylbenzene | 48.5 | 1.0 | % | 50 | | 97 | 70 - 130 | | | |
| Vinyl chloride | 40.5 | 1.0 | % | 50 | | 81 | 60 - 140 | | | |
| *Surrogate: Toluene-d8* | | *93.43 %* | *60 - 140* | | | | | | | |
| *Surrogate: Dibromofluoromethane* | | *101.59 %* | *60 - 140* | | | | | | | |
| *Surrogate: 4-Bromofluorobenzene* | | *98.74 %* | *60 - 140* | | | | | | | |
| **LCSD 1** | | | | | | | | | | |
| Benzene | 49.2 | 1.0 | % | 50 | | 98 | 70 - 130 | 1.26 | 130 | |
| Chlorobenzene | 49.7 | 1.0 | % | 50 | | 99 | 70 - 130 | 4.30 | 130 | |
| 1,1-Dichloroethene | 40.7 | 1.0 | % | 50 | | 81 | 60 - 140 | 6.68 | 140 | |
| cis-1,2-Dichloroethene | 47.4 | 1.0 | % | 50 | | 95 | 70 - 130 | 1.32 | 130 | |
| Ethylbenzene | 45.5 | 1.0 | % | 50 | | 91 | 70 - 130 | 0.07 | 130 | |
| Tetrachloroethene | 47.5 | 1.0 | % | 50 | | 95 | 70 - 130 | 9.49 | 130 | |
| Toluene | 49.9 | 1.0 | % | 50 | | 100 | 70 - 130 | 5.85 | 130 | |
| 1,1,1-Trichloroethane | 43.0 | 1.0 | % | 50 | | 86 | 70 - 130 | 4.90 | 130 | |
| Trichloroethene | 49.2 | 1.0 | % | 50 | | 98 | 70 - 130 | 7.34 | 130 | |

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Lab Director

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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
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| | | |
|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

**Volatile Organic Compounds by EPA 8260 - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | %REC Limits | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch QC2403008 - EPA 8260** | | | | | | | | | | |
| **LCSD 1** | | | | | | | | | | |
| 1,2,4-Trimethylbenzene | 45.9 | 1.0 | % | 50 | | 92 | 70 - 130 | 5.56 | 130 | |
| Vinyl chloride | 39.3 | 1.0 | % | 50 | | 79 | 60 - 140 | 3.06 | 140 | |
| *Surrogate: Toluene-d8* | | *92.66 %* | *60 - 140* | | | | | | | |
| *Surrogate: Dibromofluoromethane* | | *101.96 %* | *60 - 140* | | | | | | | |
| *Surrogate: 4-Bromofluorobenzene* | | *96.92 %* | *60 - 140* | | | | | | | |
| **Method Blank 1** | | | | | | | | | | |
| Benzene | ND | 1.0 | µg/kg | | | | | | | |
| Bromobenzene | ND | 1.0 | µg/kg | | | | | | | |
| Bromodichloromethane | ND | 1.0 | µg/kg | | | | | | | |
| Bromoform | ND | 1.0 | µg/kg | | | | | | | |
| n-Butylbenzene | ND | 1.0 | µg/kg | | | | | | | |
| sec-Butylbenzene | ND | 1.0 | µg/kg | | | | | | | |
| tert-Butylbenzene | ND | 1.0 | µg/kg | | | | | | | |
| Carbon tetrachloride | ND | 1.0 | µg/kg | | | | | | | |
| Chlorobenzene | ND | 1.0 | µg/kg | | | | | | | |
| Chloroform | ND | 1.0 | µg/kg | | | | | | | |
| 2-Chlorotoluene | ND | 1.0 | µg/kg | | | | | | | |
| 4-Chlorotoluene | ND | 1.0 | µg/kg | | | | | | | |
| Dibromochloromethane | ND | 1.0 | µg/kg | | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | µg/kg | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | µg/kg | | | | | | | |
| Dibromomethane | ND | 1.0 | µg/kg | | | | | | | |
| 1,2- Dichlorobenzene | ND | 1.0 | µg/kg | | | | | | | |
| 1,3-Dichlorobenzene | ND | 1.0 | µg/kg | | | | | | | |
| 1,4-Dichlorobenzene | ND | 1.0 | µg/kg | | | | | | | |
| 1,1-Dichloroethane | ND | 1.0 | µg/kg | | | | | | | |
| 1,2-Dichloroethane | ND | 1.0 | µg/kg | | | | | | | |
| 1,1-Dichloroethene | ND | 1.0 | µg/kg | | | | | | | |
| cis-1,2-Dichloroethene | ND | 1.0 | µg/kg | | | | | | | |
| trans-1,2-Dichloroethene | ND | 1.0 | µg/kg | | | | | | | |
| 1,2-Dichloropropane | ND | 1.0 | µg/kg | | | | | | | |
| 1,3-Dichloropropane | ND | 1.0 | µg/kg | | | | | | | |
| 2,2-Dichloropropane | ND | 1.0 | µg/kg | | | | | | | |
| 1,1-Dichloropropene | ND | 1.0 | µg/kg | | | | | | | |
| cis-1,3-Dichloropropene | ND | 1.0 | µg/kg | | | | | | | |
| trans-1,3-Dichloropropene | ND | 1.0 | µg/kg | | | | | | | |
| Ethylbenzene | ND | 1.0 | µg/kg | | | | | | | |

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Lab Director

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|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

**Volatile Organic Compounds by EPA 8260 - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | %REC Limits | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch QC2403008 - EPA 8260** | | | | | | | | | | |
| **Method Blank 1** | | | | | | | | | | |
| Freon 11 | ND | 5.0 | µg/kg | | | | | | | |
| Freon 12 | ND | 5.0 | µg/kg | | | | | | | |
| Freon 113 | ND | 5.0 | µg/kg | | | | | | | |
| Hexachlorobutadiene | ND | 1.0 | µg/kg | | | | | | | |
| Isopropylbenzene | ND | 1.0 | µg/kg | | | | | | | |
| 4-Isopropyltoluene | ND | 1.0 | µg/kg | | | | | | | |
| Methylene chloride | ND | 1.0 | µg/kg | | | | | | | |
| Naphthalene | ND | 5.0 | µg/kg | | | | | | | |
| n-Propylbenzene | ND | 1.0 | µg/kg | | | | | | | |
| Styrene | ND | 1.0 | µg/kg | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/kg | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/kg | | | | | | | |
| Tetrachloroethene | ND | 1.0 | µg/kg | | | | | | | |
| Toluene | ND | 1.0 | µg/kg | | | | | | | |
| 1,2,3-Trichlorobenzene | ND | 3.0 | µg/kg | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 3.0 | µg/kg | | | | | | | |
| 1,1,1-Trichloroethane | ND | 1.0 | µg/kg | | | | | | | |
| 1,1,2-Trichloroethane | ND | 1.0 | µg/kg | | | | | | | |
| Trichloroethene | ND | 1.0 | µg/kg | | | | | | | |
| 1,2,3-Trichloropropane | ND | 1.0 | µg/kg | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | µg/kg | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | µg/kg | | | | | | | |
| Vinyl chloride | ND | 1.0 | µg/kg | | | | | | | |
| m+p-Xylene | ND | 2.0 | µg/kg | | | | | | | |
| o-Xylene | ND | 1.0 | µg/kg | | | | | | | |
| Methyl-tert-butylether | ND | 5.0 | µg/kg | | | | | | | |
| Ethyl-tert-butylether | ND | 5.0 | µg/kg | | | | | | | |
| Di-isopropylether | ND | 5.0 | µg/kg | | | | | | | |
| tert-amylmethylether | ND | 5.0 | µg/kg | | | | | | | |
| tert-Butylalcohol | ND | 50.0 | µg/kg | | | | | | | |
| Gasoline Range Organics (C4-C12) | ND | 0.20 | mg/kg | | | | | | | |
| *Surrogate: Toluene-d8* | | *94.44 %* | | | | | *60 - 140* | | | |
| *Surrogate: Dibromofluoromethane* | | *104.48 %* | | | | | *60 - 140* | | | |
| *Surrogate: 4-Bromofluorobenzene* | | *92.98 %* | | | | | *60 - 140* | | | |

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

| | | |
|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

**Volatile Organic Compounds by EPA 8260 - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | %REC Limits | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch QC2403028 - EPA 8260** | | | | | | | | | | |
| **CCV 1** | | | | | | | | | | |
| Benzene | 255 | 1.0 | % | 250 | | 102 | 80 - 120 | | 120 | |
| Chlorobenzene | 263 | 1.0 | % | 250 | | 105 | 80 - 120 | | 120 | |
| 1,1-Dichloroethene | 221 | 1.0 | % | 250 | | 88 | 80 - 120 | | 120 | |
| cis-1,2-Dichloroethene | 248 | 1.0 | % | 250 | | 99 | 80 - 120 | | 120 | |
| Ethylbenzene | 266 | 1.0 | % | 250 | | 106 | 80 - 120 | | 120 | |
| Tetrachloroethene | 273 | 1.0 | % | 250 | | 109 | 80 - 120 | | 120 | |
| Toluene | 268 | 1.0 | % | 250 | | 107 | 80 - 120 | | 120 | |
| 1,1,1-Trichloroethane | 246 | 1.0 | % | 250 | | 98 | 80 - 120 | | 120 | |
| Trichloroethene | 263 | 1.0 | % | 250 | | 105 | 80 - 120 | | 120 | |
| 1,2,4-Trimethylbenzene | 260 | 1.0 | % | 250 | | 104 | 80 - 120 | | 120 | |
| Vinyl chloride | 222 | 1.0 | % | 250 | | 89 | 80 - 120 | | 120 | |
| **LCS 1** | | | | | | | | | | |
| Benzene | 51.6 | 1.0 | % | 50 | | 103 | 70 - 130 | | | |
| Chlorobenzene | 53.3 | 1.0 | % | 50 | | 107 | 70 - 130 | | | |
| 1,1-Dichloroethene | 44.8 | 1.0 | % | 50 | | 90 | 60 - 140 | | | |
| cis-1,2-Dichloroethene | 49.5 | 1.0 | % | 50 | | 99 | 70 - 130 | | | |
| Ethylbenzene | 48.3 | 1.0 | % | 50 | | 97 | 70 - 130 | | | |
| Tetrachloroethene | 52.7 | 1.0 | % | 50 | | 105 | 70 - 130 | | | |
| Toluene | 53.5 | 1.0 | % | 50 | | 107 | 70 - 130 | | | |
| 1,1,1-Trichloroethane | 46.4 | 1.0 | % | 50 | | 93 | 70 - 130 | | | |
| Trichloroethene | 52.0 | 1.0 | % | 50 | | 104 | 70 - 130 | | | |
| 1,2,4-Trimethylbenzene | 50.2 | 1.0 | % | 50 | | 100 | 70 - 130 | | | |
| Vinyl chloride | 42.1 | 1.0 | % | 50 | | 84 | 60 - 140 | | | |
| *Surrogate: Toluene-d8* | | *94.33 %* | *60 - 140* | | | | | | | |
| *Surrogate: Dibromofluoromethane* | | *103.47 %* | *60 - 140* | | | | | | | |
| *Surrogate: 4-Bromofluorobenzene* | | *98.61 %* | *60 - 140* | | | | | | | |
| **LCSD 1** | | | | | | | | | | |
| Benzene | 47.0 | 1.0 | % | 50 | | 94 | 70 - 130 | 9.14 | 130 | |
| Chlorobenzene | 49.5 | 1.0 | % | 50 | | 99 | 70 - 130 | 7.34 | 130 | |
| 1,1-Dichloroethene | 40.2 | 1.0 | % | 50 | | 80 | 60 - 140 | 11.02 | 140 | |
| cis-1,2-Dichloroethene | 46.1 | 1.0 | % | 50 | | 92 | 70 - 130 | 7.10 | 130 | |
| Ethylbenzene | 42.3 | 1.0 | % | 50 | | 85 | 70 - 130 | 13.10 | 130 | |
| Tetrachloroethene | 47.9 | 1.0 | % | 50 | | 96 | 70 - 130 | 9.60 | 130 | |
| Toluene | 49.0 | 1.0 | % | 50 | | 98 | 70 - 130 | 8.78 | 130 | |
| 1,1,1-Trichloroethane | 42.1 | 1.0 | % | 50 | | 84 | 70 - 130 | 9.86 | 130 | |
| Trichloroethene | 47.9 | 1.0 | % | 50 | | 96 | 70 - 130 | 8.05 | 130 | |

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

| | | |
|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

**Volatile Organic Compounds by EPA 8260 - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | %REC Limits | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch QC2403028 - EPA 8260** | | | | | | | | | | |
| **LCSD 1** | | | | | | | | | | |
| 1,2,4-Trimethylbenzene | 45.0 | 1.0 | % | 50 | | 90 | 70 - 130 | 10.96 | 130 | |
| Vinyl chloride | 38.0 | 1.0 | % | 50 | | 76 | 60 - 140 | 10.35 | 140 | |
| *Surrogate: Toluene-d8* | | *92.44 %* | *60 - 140* | | | | | | | |
| *Surrogate: Dibromofluoromethane* | | *102.10 %* | *60 - 140* | | | | | | | |
| *Surrogate: 4-Bromofluorobenzene* | | *96.16 %* | *60 - 140* | | | | | | | |
| **Method Blank 1** | | | | | | | | | | |
| Benzene | ND | 1.0 | µg/kg | | | | | | | |
| Bromobenzene | ND | 1.0 | µg/kg | | | | | | | |
| Bromodichloromethane | ND | 1.0 | µg/kg | | | | | | | |
| Bromoform | ND | 1.0 | µg/kg | | | | | | | |
| n-Butylbenzene | ND | 1.0 | µg/kg | | | | | | | |
| sec-Butylbenzene | ND | 1.0 | µg/kg | | | | | | | |
| tert-Butylbenzene | ND | 1.0 | µg/kg | | | | | | | |
| Carbon tetrachloride | ND | 1.0 | µg/kg | | | | | | | |
| Chlorobenzene | ND | 1.0 | µg/kg | | | | | | | |
| Chloroform | ND | 1.0 | µg/kg | | | | | | | |
| 2-Chlorotoluene | ND | 1.0 | µg/kg | | | | | | | |
| 4-Chlorotoluene | ND | 1.0 | µg/kg | | | | | | | |
| Dibromochloromethane | ND | 1.0 | µg/kg | | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | µg/kg | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | µg/kg | | | | | | | |
| Dibromomethane | ND | 1.0 | µg/kg | | | | | | | |
| 1,2- Dichlorobenzene | ND | 1.0 | µg/kg | | | | | | | |
| 1,3-Dichlorobenzene | ND | 1.0 | µg/kg | | | | | | | |
| 1,4-Dichlorobenzene | ND | 1.0 | µg/kg | | | | | | | |
| 1,1-Dichloroethane | ND | 1.0 | µg/kg | | | | | | | |
| 1,2-Dichloroethane | ND | 1.0 | µg/kg | | | | | | | |
| 1,1-Dichloroethene | ND | 1.0 | µg/kg | | | | | | | |
| cis-1,2-Dichloroethene | ND | 1.0 | µg/kg | | | | | | | |
| trans-1,2-Dichloroethene | ND | 1.0 | µg/kg | | | | | | | |
| 1,2-Dichloropropane | ND | 1.0 | µg/kg | | | | | | | |
| 1,3-Dichloropropane | ND | 1.0 | µg/kg | | | | | | | |
| 2,2-Dichloropropane | ND | 1.0 | µg/kg | | | | | | | |
| 1,1-Dichloropropene | ND | 1.0 | µg/kg | | | | | | | |
| cis-1,3-Dichloropropene | ND | 1.0 | µg/kg | | | | | | | |
| trans-1,3-Dichloropropene | ND | 1.0 | µg/kg | | | | | | | |
| Ethylbenzene | ND | 1.0 | µg/kg | | | | | | | |

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
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| | | |
|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

**Volatile Organic Compounds by EPA 8260 - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | %REC Limits | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch QC2403028 - EPA 8260** | | | | | | | | | | |
| **Method Blank 1** | | | | | | | | | | |
| Freon 11 | ND | 5.0 | µg/kg | | | | | | | |
| Freon 12 | ND | 5.0 | µg/kg | | | | | | | |
| Freon 113 | ND | 5.0 | µg/kg | | | | | | | |
| Hexachlorobutadiene | ND | 1.0 | µg/kg | | | | | | | |
| Isopropylbenzene | ND | 1.0 | µg/kg | | | | | | | |
| 4-Isopropyltoluene | ND | 1.0 | µg/kg | | | | | | | |
| Methylene chloride | ND | 1.0 | µg/kg | | | | | | | |
| Naphthalene | ND | 5.0 | µg/kg | | | | | | | |
| n-Propylbenzene | ND | 1.0 | µg/kg | | | | | | | |
| Styrene | ND | 1.0 | µg/kg | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/kg | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/kg | | | | | | | |
| Tetrachloroethene | ND | 1.0 | µg/kg | | | | | | | |
| Toluene | ND | 1.0 | µg/kg | | | | | | | |
| 1,2,3-Trichlorobenzene | ND | 3.0 | µg/kg | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 3.0 | µg/kg | | | | | | | |
| 1,1,1-Trichloroethane | ND | 1.0 | µg/kg | | | | | | | |
| 1,1,2-Trichloroethane | ND | 1.0 | µg/kg | | | | | | | |
| Trichloroethene | ND | 1.0 | µg/kg | | | | | | | |
| 1,2,3-Trichloropropane | ND | 1.0 | µg/kg | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | µg/kg | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | µg/kg | | | | | | | |
| Vinyl chloride | ND | 1.0 | µg/kg | | | | | | | |
| m+p-Xylene | ND | 2.0 | µg/kg | | | | | | | |
| o-Xylene | ND | 1.0 | µg/kg | | | | | | | |
| Methyl-tert-butylether | ND | 5.0 | µg/kg | | | | | | | |
| Ethyl-tert-butylether | ND | 5.0 | µg/kg | | | | | | | |
| Di-isopropylether | ND | 5.0 | µg/kg | | | | | | | |
| tert-amylmethylether | ND | 5.0 | µg/kg | | | | | | | |
| tert-Butylalcohol | ND | 50.0 | µg/kg | | | | | | | |
| Gasoline Range Organics (C4-C12) | ND | 0.20 | mg/kg | | | | | | | |
| *Surrogate: Toluene-d8* | | *94.95 %* | *60 - 140* | | | | | | | |
| *Surrogate: Dibromofluoromethane* | | *104.51 %* | *60 - 140* | | | | | | | |
| *Surrogate: 4-Bromofluorobenzene* | | *92.55 %* | *60 - 140* | | | | | | | |

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
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| | | |
|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

**Volatile Organic Compounds by EPA 8260 - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | %REC Limits | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch QC2403168 - EPA 8260** | | | | | | | | | | |
| **CCV 1** | | | | | | | | | | |
| Benzene | 297 | 1.0 | % | 250 | | 119 | 80 - 120 | | 120 | |
| Chlorobenzene | 259 | 1.0 | % | 250 | | 103 | 80 - 120 | | 120 | |
| 1,1-Dichloroethene | 245 | 1.0 | % | 250 | | 98 | 80 - 120 | | 120 | |
| cis-1,2-Dichloroethene | 266 | 1.0 | % | 250 | | 106 | 80 - 120 | | 120 | |
| Ethylbenzene | 274 | 1.0 | % | 250 | | 110 | 80 - 120 | | 120 | |
| Tetrachloroethene | 277 | 1.0 | % | 250 | | 111 | 80 - 120 | | 120 | |
| Toluene | 285 | 1.0 | % | 250 | | 114 | 80 - 120 | | 120 | |
| 1,1,1-Trichloroethane | 254 | 1.0 | % | 250 | | 102 | 80 - 120 | | 120 | |
| Trichloroethene | 254 | 1.0 | % | 250 | | 101 | 80 - 120 | | 120 | |
| 1,2,4-Trimethylbenzene | 294 | 1.0 | % | 250 | | 118 | 80 - 120 | | 120 | |
| Vinyl chloride | 208 | 1.0 | % | 250 | | 83 | 80 - 120 | | 120 | |
| **LCS 1** | | | | | | | | | | |
| Benzene | 52.3 | 1.0 | % | 50 | | 105 | 70 - 130 | | | |
| Chlorobenzene | 49.7 | 1.0 | % | 50 | | 99 | 70 - 130 | | | |
| 1,1-Dichloroethene | 47.4 | 1.0 | % | 50 | | 95 | 60 - 140 | | | |
| cis-1,2-Dichloroethene | 48.4 | 1.0 | % | 50 | | 97 | 70 - 130 | | | |
| Ethylbenzene | 43.7 | 1.0 | % | 50 | | 87 | 70 - 130 | | | |
| Tetrachloroethene | 50.6 | 1.0 | % | 50 | | 101 | 70 - 130 | | | |
| Toluene | 48.5 | 1.0 | % | 50 | | 97 | 70 - 130 | | | |
| 1,1,1-Trichloroethane | 46.4 | 1.0 | % | 50 | | 93 | 70 - 130 | | | |
| Trichloroethene | 47.9 | 1.0 | % | 50 | | 96 | 70 - 130 | | | |
| 1,2,4-Trimethylbenzene | 42.9 | 1.0 | % | 50 | | 86 | 70 - 130 | | | |
| Vinyl chloride | 41.1 | 1.0 | % | 50 | | 82 | 60 - 140 | | | |
| *Surrogate: Toluene-d8* | | *92.06 %* | *60 - 140* | | | | | | | |
| *Surrogate: Dibromofluoromethane* | | *97.49 %* | *60 - 140* | | | | | | | |
| *Surrogate: 4-Bromofluorobenzene* | | *96.42 %* | *60 - 140* | | | | | | | |
| **LCSD 1** | | | | | | | | | | |
| Benzene | 49.7 | 1.0 | % | 50 | | 99 | 70 - 130 | 5.18 | 130 | |
| Chlorobenzene | 49.3 | 1.0 | % | 50 | | 99 | 70 - 130 | 0.88 | 130 | |
| 1,1-Dichloroethene | 43.9 | 1.0 | % | 50 | | 88 | 60 - 140 | 7.64 | 140 | |
| cis-1,2-Dichloroethene | 46.3 | 1.0 | % | 50 | | 93 | 70 - 130 | 4.63 | 130 | |
| Ethylbenzene | 41.4 | 1.0 | % | 50 | | 83 | 70 - 130 | 5.47 | 130 | |
| Tetrachloroethene | 47.5 | 1.0 | % | 50 | | 95 | 70 - 130 | 6.38 | 130 | |
| Toluene | 45.1 | 1.0 | % | 50 | | 90 | 70 - 130 | 7.21 | 130 | |
| 1,1,1-Trichloroethane | 42.7 | 1.0 | % | 50 | | 85 | 70 - 130 | 8.33 | 130 | |
| Trichloroethene | 45.8 | 1.0 | % | 50 | | 92 | 70 - 130 | 4.47 | 130 | |

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

| | | |
|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

**Volatile Organic Compounds by EPA 8260 - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | %REC Limits | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch QC2403168 - EPA 8260** | | | | | | | | | | |
| **LCSD 1** | | | | | | | | | | |
| 1,2,4-Trimethylbenzene | 41.0 | 1.0 | % | 50 | | 82 | 70 - 130 | 4.71 | 130 | |
| Vinyl chloride | 38.4 | 1.0 | % | 50 | | 77 | 60 - 140 | 6.79 | 140 | |
| *Surrogate: Toluene-d8* | | *91.83 %* | *60 - 140* | | | | | | | |
| *Surrogate: Dibromofluoromethane* | | *98.35 %* | *60 - 140* | | | | | | | |
| *Surrogate: 4-Bromofluorobenzene* | | *94.80 %* | *60 - 140* | | | | | | | |
| **Method Blank 1** | | | | | | | | | | |
| Benzene | ND | 1.0 | µg/kg | | | | | | | |
| Bromobenzene | ND | 1.0 | µg/kg | | | | | | | |
| Bromodichloromethane | ND | 1.0 | µg/kg | | | | | | | |
| Bromoform | ND | 1.0 | µg/kg | | | | | | | |
| n-Butylbenzene | ND | 1.0 | µg/kg | | | | | | | |
| sec-Butylbenzene | ND | 1.0 | µg/kg | | | | | | | |
| tert-Butylbenzene | ND | 1.0 | µg/kg | | | | | | | |
| Carbon tetrachloride | ND | 1.0 | µg/kg | | | | | | | |
| Chlorobenzene | ND | 1.0 | µg/kg | | | | | | | |
| Chloroform | ND | 1.0 | µg/kg | | | | | | | |
| 2-Chlorotoluene | ND | 1.0 | µg/kg | | | | | | | |
| 4-Chlorotoluene | ND | 1.0 | µg/kg | | | | | | | |
| Dibromochloromethane | ND | 1.0 | µg/kg | | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | µg/kg | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 1.0 | µg/kg | | | | | | | |
| Dibromomethane | ND | 1.0 | µg/kg | | | | | | | |
| 1,2- Dichlorobenzene | ND | 1.0 | µg/kg | | | | | | | |
| 1,3-Dichlorobenzene | ND | 1.0 | µg/kg | | | | | | | |
| 1,4-Dichlorobenzene | ND | 1.0 | µg/kg | | | | | | | |
| 1,1-Dichloroethane | ND | 1.0 | µg/kg | | | | | | | |
| 1,2-Dichloroethane | ND | 1.0 | µg/kg | | | | | | | |
| 1,1-Dichloroethene | ND | 1.0 | µg/kg | | | | | | | |
| cis-1,2-Dichloroethene | ND | 1.0 | µg/kg | | | | | | | |
| trans-1,2-Dichloroethene | ND | 1.0 | µg/kg | | | | | | | |
| 1,2-Dichloropropane | ND | 1.0 | µg/kg | | | | | | | |
| 1,3-Dichloropropane | ND | 1.0 | µg/kg | | | | | | | |
| 2,2-Dichloropropane | ND | 1.0 | µg/kg | | | | | | | |
| 1,1-Dichloropropene | ND | 1.0 | µg/kg | | | | | | | |
| cis-1,3-Dichloropropene | ND | 1.0 | µg/kg | | | | | | | |
| trans-1,3-Dichloropropene | ND | 1.0 | µg/kg | | | | | | | |
| Ethylbenzene | ND | 1.0 | µg/kg | | | | | | | |

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Lab Director

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| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

**Volatile Organic Compounds by EPA 8260 - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | %REC Limits | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch QC2403168 - EPA 8260** | | | | | | | | | | |
| **Method Blank 1** | | | | | | | | | | |
| Freon 11 | ND | 5.0 | µg/kg | | | | | | | |
| Freon 12 | ND | 5.0 | µg/kg | | | | | | | |
| Freon 113 | ND | 5.0 | µg/kg | | | | | | | |
| Hexachlorobutadiene | ND | 1.0 | µg/kg | | | | | | | |
| Isopropylbenzene | ND | 1.0 | µg/kg | | | | | | | |
| 4-Isopropyltoluene | ND | 1.0 | µg/kg | | | | | | | |
| Methylene chloride | ND | 1.0 | µg/kg | | | | | | | |
| Naphthalene | ND | 5.0 | µg/kg | | | | | | | |
| n-Propylbenzene | ND | 1.0 | µg/kg | | | | | | | |
| Styrene | ND | 1.0 | µg/kg | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | µg/kg | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | µg/kg | | | | | | | |
| Tetrachloroethene | ND | 1.0 | µg/kg | | | | | | | |
| Toluene | ND | 1.0 | µg/kg | | | | | | | |
| 1,2,3-Trichlorobenzene | ND | 3.0 | µg/kg | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 3.0 | µg/kg | | | | | | | |
| 1,1,1-Trichloroethane | ND | 1.0 | µg/kg | | | | | | | |
| 1,1,2-Trichloroethane | ND | 1.0 | µg/kg | | | | | | | |
| Trichloroethene | ND | 1.0 | µg/kg | | | | | | | |
| 1,2,3-Trichloropropane | ND | 1.0 | µg/kg | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | µg/kg | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | µg/kg | | | | | | | |
| Vinyl chloride | ND | 1.0 | µg/kg | | | | | | | |
| m+p-Xylene | ND | 2.0 | µg/kg | | | | | | | |
| o-Xylene | ND | 1.0 | µg/kg | | | | | | | |
| Methyl-tert-butylether | ND | 5.0 | µg/kg | | | | | | | |
| Ethyl-tert-butylether | ND | 5.0 | µg/kg | | | | | | | |
| Di-isopropylether | ND | 5.0 | µg/kg | | | | | | | |
| tert-amylmethylether | ND | 5.0 | µg/kg | | | | | | | |
| tert-Butylalcohol | ND | 50.0 | µg/kg | | | | | | | |
| Gasoline Range Organics (C4-C12) | ND | 0.20 | mg/kg | | | | | | | |
| *Surrogate: Toluene-d8* | | *92.44 %* | | | | | *60 - 140* | | | |
| *Surrogate: Dibromofluoromethane* | | *106.87 %* | | | | | *60 - 140* | | | |
| *Surrogate: 4-Bromofluorobenzene* | | *83.86 %* | | | | | *60 - 140* | | | |

Jones Environmental, Inc.

Colby Wakeman
Lab Director

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

| | | |
|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/13/24 13:16 |

**Notes and Definitions**

| | |
|---|---|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| E | Estimated Concentration; concentration exceeds calibration ra |
| LCC | Leak Check Compound |
| MDL | Compound Reported to Method Detection Limit |
| 1 | Recovery outside of acceptable limits. LCS/LCSD recoveries and %RSD were within QC limits, therefore data was accepted. |
| SMS | Sample matrix prevented adequate surrogate recovery. |
| J | Value less then PQL but greater than MDL. |
| HHS | High hydrocarbon concentration in this sample prevented adequate surrogate recovery. |
| HHS | High hydrocarbon concentration in this sample prevented adequate surrogate recovery. |
| F | Sample was filtered in the lab before extraction. |
| HHTAR | High hydrocarbon concentration prevented in-range recovery of target analytes. |
| IHRPD | Target analyte recoveries were outside of range but accepted due to passing RPDs |
| AROL | Target analyte recovery exceeded recovery range but was accepted due to ND of that analyte in MB and sample(s). |
| ISO-H | Isomers could not be sufficiently chromatographically resolved according to method requirements due to hydrocarbon interference or other matrix effects. The isomers' reported individual concentrations were each calculated as the average of each of the individual isomers' concentrations. |
| 2 | Recovery outside of acceptable limits for either LCS or LCSD. CCV and LCS or LCSD recoveries were within limits; therefore data was accepted. |
| 3 | RPD outside of acceptable limits. Target analyte recoveries were within QC limits; therefore, data was accepted. |
| 4 | LCS and/or LCSD recoveries exceeded acceptability ranges. Target analyte recoveries were accepted due to passing CCV, in-range LCS/LCSD RPDs, and a clean MB in which all target analytes were < RL. |

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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# Chain-of-Custody Record

JONES ENVIRONMENTAL, INC.
11007 Forest Pl.
Santa Fe Springs, CA 90670
(714) 449-9937
reports@jonesenv.com
www.jonesenv.com

**Turnaround Time Requested:**

- □ Immediate Attention - 200% (Advanced notice only)
- □ One Day TAT- 100% (Cut off time 11AM)
- □ Two Day TAT - 50% (Cut off time 12AM)
- □ Three Day TAT - 25% (Cut off time 1PM)
- □ Four Day TAT - 10% (Cut off time 2PM)
- ☑ Normal - No Surcharge

Date needed by: 5 business days TAT

LAB USE ONLY

Jones Project # J240528

Page 1 of 3

Client: Partner Engineering & Science Inc
Date: 2/28/24
Project Name: Little Green Acres Park
Client Project #: ES23420826
Project Address: 10414-10422 S Vermont Ave
Los Angeles, CA 90044
Email: snjoku/tmen@partneresi.com
Phone:
Report To: Terri Men
Sampler: Stanley Njoku

Sample Container / Preservative Abbreviations

AS - Acetate Sleeve
SS - Stainless Steel Sleeve
BS - Brass Sleeve
G - Glass
AB - Amber Bottle
P - Plastic
SOBI - Sodium Bisulfate
MeOH - Methanol
HCl - Hydrochloric Acid
HNO3 - Nitric Acid
O - Other (See Notes)

□ EDF* - 10% Surcharge
*Global ID:

Temperature:
Cooler 1: 4.5° °C
Cooler 2: °C
Cooler 3: °C

Analysis Requested

| Sample ID | Sample Collection Date | Sample Collection Time | Laboratory Sample ID | Preservative | Sample Container | Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Free Product (FP) | TPH-d/mo - 8015 | TPH-g/VOC - 8260 | Number of Containers | Notes & Special Instructions |
|---|---|---|---|---|---|---|---|---|---|---|
| Garden 1-2' | 2/28/24 | 0826 | -001 | SOBI MeOH | G | S | | | 4 | HOLD |
| Garden 1-5' | | 0836 | -002 | | | | | | | |
| Garden 1-10' | | 0841 | -003 | | | | X | X | | |
| Garden 1-15' | | 1011 | -004 | | | | | | | HOLD |
| Garden 1-20' | | 1018 | -005 | | | | | | | |
| Garden 2-2' | | 1033 | -006 | | | | X | X | | |
| Garden 2-5' | | 1041 | -007 | | | | X | X | | TPH/VOCs added on 03112024 on a 48HRS TAT-JC |
| Garden 2-10' | | 1051 | -008 | | | | X | X | | |
| Garden 2-15' | | 1101 | -009 | | | | X | X | | |
| Garden 2-20' | | 1114 | -010 | | | | X | X | | HOLD |

| Relinquished By (Signature) | Printed Name | Received By (Signature) | Printed Name | | |
|---|---|---|---|---|---|
| [signature] | Stanley Njoku | | | 40 | Total Number of Containers |
| Company: Partner ESI | Date: 2/28/24 Time: 1749 | Company | Date Time | | |
| Relinquished By (Signature) | Printed Name | Received By Laboratory (Signature) [signature] | Printed Name Colby | | |
| Company | Date: Time | Company: Jones | Date: 2-29-24 Time: 1749 | | |

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been requested, and the information provided herein is correct and accurate.

# Chain-of-Custody Record

JONES ENVIRONMENTAL, INC.
11007 Forest Pl.
Santa Fe Springs, CA 90670
(714) 449-9937
reports@jonesenv.com
www.jonesenv.com

**Turnaround Time Requested:**

- ☐ Immediate Attention - 200% (Advanced notice only)
- ☐ One Day TAT- 100% (Cut off time 11AM)
- ☐ Two Day TAT - 50% (Cut off time 12AM)
- ☐ Three Day TAT - 25% (Cut off time 1PM)
- ☐ Four Day TAT - 10% (Cut off time 2PM)
- ☑ Normal - No Surcharge

Date needed by: 5 business days TAT

LAB USE ONLY

Jones Project # J240528

Page 2 of 3

| | |
|---|---|
| Client | Partner Engineering & Science Inc |
| Project Name | Little Green Acres Park |
| Project Address | 10414-10422 S Vermont Ave |
| | Los Angeles, CA 90044 |
| Email | snjoku/tmen@partneresi.com |
| Phone | |
| Report To | Terri Men |
| Sampler | Stanley Njoku |
| Date | 2/28/24 |
| Client Project # | ES23-426826 |

Sample Container / Preservative Abbreviations

AS - Acetate Sleeve
SS - Stainless Steel Sleeve
BS - Brass Sleeve
G - Glass
AB - Amber Bottle
P - Plastic
SOBI - Sodium Bisulfate
MeOH - Methanol
HCl - Hydrochloric Acid
HNO3 - Nitric Acid
O - Other (See Notes)

Analysis Requested

| Sample ID | Sample Collection Date | Sample Collection Time | Laboratory Sample ID | Preservative | Sample Container | Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Free Product (FP) | TPH-d/mo - 8015 | TPH-g/VOCs - 8260 | Number of Containers | Notes & Special Instructions |
|---|---|---|---|---|---|---|---|---|---|---|
| Garden 3-2' | 2/28/24 | 1123 | -011 | MeOH SOBI | G | S | X | X | 4 | |
| Garden 3-5' | | 1135 | -012 | | | | | | | HOLD |
| Garden 3-10' | | 1139 | -013 | | | | | | | |
| Garden 3-15' | | 1149 | -014 | | | | | | | |
| Garden 3-20' | | 1157 | -015 | | | | | | | |
| Garden 4-2' | | 1219 | -016 | | | | | | | |
| Garden 4-5' | | 1227 | -017 | | | | | | | |
| Garden 4-10' | | 1237 | -018 | | | | | | | |
| Garden 4-15' | | 1242 | -019 | | | | | | | |
| Garden 4-20' | | 1258 | -020 | | | | X | X | | |

☐ EDF* - 10% Surcharge
*Global ID:

Temperature:
Cooler 1: _____ °C
Cooler 2: _____ °C
Cooler 3: _____ °C

| | | | |
|---|---|---|---|
| Relinquished By (Signature) | Printed Name | Received By (Signature) | Printed Name |
| | Stanley Njoku | | |
| Company | Date / Time | Company | Date / Time |
| Partner ESI | 2/28/24 1749 | | |
| Relinquished By (Signature) | Printed Name | Received By Laboratory (Signature) | Printed Name |
| | | [signature] | Colby |
| Company | Date: / Time | Company | Date / Time |
| | | Jones | 2-28-24 1749 |

40 Total Number of Containers

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been requested, and the information provided herein is correct and accurate.

# Chain-of-Custody Record

JONES ENVIRONMENTAL, INC.
11007 Forest Pl.
Santa Fe Springs, CA 90670
(714) 449-9937
reports@jonesenv.com
www.jonesenv.com

**Turnaround Time Requested:**

- □ Immediate Attention - 200% (Advanced notice only)
- □ One Day TAT- 100% (Cut off time 11AM)
- □ Two Day TAT - 50% (Cut off time 12AM)
- □ Three Day TAT - 25% (Cut off time 1PM)
- □ Four Day TAT - 10% (Cut off time 2PM)
- ☑ Normal - No Surcharge

Date needed by: 5 business day TAT

LAB USE ONLY

Jones Project # J240528

Page 3 of 3

Client: Partner Engineering & Science
Date: 2/28/24
Project Name: Green Little Acres Park
Client Project # ES23-426826
Project Address: 10414 - 10422 S Vermont Ave
Los Angeles, CA 90044
Email: snjoku/tmen@partneresi.com
Phone:
Report To: Terri Men
Sampler: Stanley Njoku

Sample Container / Preservative Abbreviations

AS - Acetate Sleeve
SS - Stainless Steel Sleeve
BS - Brass Sleeve
G - Glass
AB - Amber Bottle
P - Plastic
SOBI - Sodium Bisulfate
MeOH - Methanol
HCl - Hydrochloric Acid
HNO3 - Nitric Acid
O - Other (See Notes)

Analysis Requested

□ EDF* - 10% Surcharge
*Global ID:

Temperature:
Cooler 1: ____ °C
Cooler 2: ____ °C
Cooler 3: ____ °C

| Sample ID | Sample Collection Date | Sample Collection Time | Laboratory Sample ID | Preservative | Sample Container | Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Free Product (FP) | TPH-d/mo - 8015 | TPH-g/MO - 8260 | Number of Containers | Notes & Special Instructions |
|---|---|---|---|---|---|---|---|---|---|---|
| Garden 5-2' | 2/28/24 | 1312 | -021 | | G | S | | | 4 | HOLD |
| Garden 5-5' | ↓ | 1318 | -022 | | ↓ | ↓ | X | X | ↓ | |
| Garden 5-10' | | 1325 | -023 | | | | | | | HOLD |
| Garden 5-15' | | 1334 | -024 | | | | | | | ↓ |
| Garden 5-20' | ↓ | 1345 | -025 | | ↓ | ↓ | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

| Relinquished By (Signature) | Printed Name | Received By (Signature) | Printed Name | | |
|---|---|---|---|---|---|
| [signature] | Stanley Njoku | | | 20 | Total Number of Containers |
| Company: Partner GSI | Date: 2/28/24 Time: 1749 | Company | Date | Time | |
| Relinquished By (Signature) | Printed Name | Received By Laboratory (Signature) | Printed Name | | |
| | | [signature] | Colby | | |
| Company | Date: Time | Company: Jones | Date: 2-28-24 | Time: 1749 | |

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been requested, and the information provided herein is correct and accurate.

JONES ENVIRONMENTAL, INC.

714-449-9937
562-646-1611

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

06 March 2024

Terri Men
Partner Engineering & Science, Inc.
24 Executive Park,
Irvine, CA

Re: Little Green Acres Park

Enclosed are the results of analyses for samples received by the laboratory on 02/28/24. Sample Probe1-5' was collected in a Summa canister not cleaned and certified by Jones Environmental, Inc., therefore the data should be qualified. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Colby Wakeman
Lab Director

JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

| | | |
|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/06/24 8:11 |

**ANALYTICAL REPORT FOR SAMPLES**

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|---|---|---|---|---|
| Probe1-5 | J240531-001 | Soil Vapor | 02/28/2024 15:44 | 02/28/2024 11:33 |
| Probe2-5 | J240531-002 | Soil Vapor | 02/28/2024 15:55 | 02/28/2024 11:33 |
| Probe3-5 | J240531-003 | Soil Vapor | 02/28/2024 16:08 | 02/28/2024 11:33 |
| Probe4-5 | J240531-004 | Soil Vapor | 02/28/2024 16:17 | 02/28/2024 11:33 |
| Probe5-5 | J240531-005 | Soil Vapor | 02/28/2024 16:23 | 02/28/2024 11:33 |

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

| | | |
|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/06/24 8:11 |

## DETECTIONS SUMMARY

**Sample ID:** Probe1-5 **Laboratory ID:** J240531-001

| Analyte | Result | Reporting Limit | Units | Method | Notes |
|---|---|---|---|---|---|
| 4-Isopropyltoluene | 112 | 8 | µg/m3 | EPA 8260 | |
| Chloroform | 26 | 8 | µg/m3 | EPA 8260 | |
| Ethylbenzene | 10 | 8 | µg/m3 | EPA 8260 | |
| m,p-Xylene | 27 | 16 | µg/m3 | EPA 8260 | |
| Toluene | 107 | 8 | µg/m3 | EPA 8260 | |

**Sample ID:** Probe2-5 **Laboratory ID:** J240531-002

| Analyte | Result | Reporting Limit | Units | Method | Notes |
|---|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | 312 | 8 | µg/m3 | EPA 8260 | |
| 1,3,5-Trimethylbenzene | 114 | 8 | µg/m3 | EPA 8260 | |
| 4-Isopropyltoluene | 513 | 8 | µg/m3 | EPA 8260 | |
| Ethylbenzene | 450 | 8 | µg/m3 | EPA 8260 | |
| Isopropylbenzene | 25 | 8 | µg/m3 | EPA 8260 | |
| m,p-Xylene | 1540 | 16 | µg/m3 | EPA 8260 | |
| n-Propylbenzene | 59 | 8 | µg/m3 | EPA 8260 | |
| o-Xylene | 90 | 8 | µg/m3 | EPA 8260 | |
| Toluene | 464 | 8 | µg/m3 | EPA 8260 | |

**Sample ID:** Probe3-5 **Laboratory ID:** J240531-003

| Analyte | Result | Reporting Limit | Units | Method | Notes |
|---|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | 138 | 8 | µg/m3 | EPA 8260 | |
| 1,3,5-Trimethylbenzene | 67 | 8 | µg/m3 | EPA 8260 | |
| 4-Isopropyltoluene | 394 | 8 | µg/m3 | EPA 8260 | |
| Benzene | 18 | 8 | µg/m3 | EPA 8260 | |
| Chloroform | 33 | 8 | µg/m3 | EPA 8260 | |
| Ethylbenzene | 162 | 8 | µg/m3 | EPA 8260 | |
| Isopropylbenzene | 17 | 8 | µg/m3 | EPA 8260 | |

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

| | | |
|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/06/24 8:11 |

## DETECTIONS SUMMARY

**Sample ID:** Probe3-5 **Laboratory ID:** J240531-003

| Analyte | Result | Reporting Limit | Units | Method | Notes |
|---|---|---|---|---|---|
| m,p-Xylene | 615 | 16 | µg/m3 | EPA 8260 | |
| n-Propylbenzene | 22 | 8 | µg/m3 | EPA 8260 | |
| o-Xylene | 42 | 8 | µg/m3 | EPA 8260 | |
| Toluene | 183 | 8 | µg/m3 | EPA 8260 | |

**Sample ID:** Probe4-5 **Laboratory ID:** J240531-004

| Analyte | Result | Reporting Limit | Units | Method | Notes |
|---|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | 51 | 8 | µg/m3 | EPA 8260 | |
| 1,3,5-Trimethylbenzene | 17 | 8 | µg/m3 | EPA 8260 | |
| 4-Isopropyltoluene | 870 | 8 | µg/m3 | EPA 8260 | |
| Benzene | 22 | 8 | µg/m3 | EPA 8260 | |
| Chloroform | 26 | 8 | µg/m3 | EPA 8260 | |
| Ethylbenzene | 22 | 8 | µg/m3 | EPA 8260 | |
| m,p-Xylene | 88 | 16 | µg/m3 | EPA 8260 | |
| o-Xylene | 9 | 8 | µg/m3 | EPA 8260 | |
| Toluene | 79 | 8 | µg/m3 | EPA 8260 | |

**Sample ID:** Probe5-5 **Laboratory ID:** J240531-005

| Analyte | Result | Reporting Limit | Units | Method | Notes |
|---|---|---|---|---|---|
| 4-Isopropyltoluene | 637 | 8 | µg/m3 | EPA 8260 | |
| Benzene | 29 | 8 | µg/m3 | EPA 8260 | |
| Bromodichloromethane | 14 | 8 | µg/m3 | EPA 8260 | |
| Chloroform | 24 | 8 | µg/m3 | EPA 8260 | |
| Ethylbenzene | 16 | 8 | µg/m3 | EPA 8260 | |
| m,p-Xylene | 63 | 16 | µg/m3 | EPA 8260 | |
| Toluene | 61 | 8 | µg/m3 | EPA 8260 | |

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

| | | |
|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/06/24 8:11 |

Probe1-5
J240531-001(Soil Vapor)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **Standard ug/m3 by EPA 8260** | | | | | | | | |
| Benzene | ND | 8 | µg/m3 | 1 | QC2403037 | 03/04/24 | EPA 8260 | |
| Bromodichloromethane | ND | 8 | µg/m3 | " | " | " | " | |
| Bromoform | ND | 8 | µg/m3 | " | " | " | " | |
| n-Butylbenzene | ND | 12 | µg/m3 | " | " | " | " | |
| sec-Butylbenzene | ND | 12 | µg/m3 | " | " | " | " | |
| tert-Butylbenzene | ND | 12 | µg/m3 | " | " | " | " | |
| Carbon tetrachloride | ND | 8 | µg/m3 | " | " | " | " | |
| Chlorobenzene | ND | 8 | µg/m3 | " | " | " | " | |
| Chloroform | 26 | 8 | µg/m3 | " | " | " | " | |
| Dibromochloromethane | ND | 8 | µg/m3 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 8 | µg/m3 | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 16 | µg/m3 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 16 | µg/m3 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 16 | µg/m3 | " | " | " | " | |
| Freon 12 | ND | 16 | µg/m3 | " | " | " | " | |
| Freon 11 | ND | 16 | µg/m3 | " | " | " | " | |
| Freon 113 | ND | 16 | µg/m3 | " | " | " | " | |
| 1,1-Dichloroethane | ND | 8 | µg/m3 | " | " | " | " | |
| 1,2-Dichloroethane | ND | 8 | µg/m3 | " | " | " | " | |
| 1,1-Dichloroethene | ND | 8 | µg/m3 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 8 | µg/m3 | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 8 | µg/m3 | " | " | " | " | |
| Ethylbenzene | 10 | 8 | µg/m3 | " | " | " | " | |
| Isopropylbenzene | ND | 8 | µg/m3 | " | " | " | " | |
| 4-Isopropyltoluene | 112 | 8 | µg/m3 | " | " | " | " | |
| Methylene chloride | ND | 8 | µg/m3 | " | " | " | " | |
| Naphthalene | ND | 40 | µg/m3 | " | " | " | " | |
| n-Propylbenzene | ND | 8 | µg/m3 | " | " | " | " | |
| Styrene | ND | 8 | µg/m3 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | 8 | µg/m3 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 16 | µg/m3 | " | " | " | " | |
| Tetrachloroethene | ND | 8 | µg/m3 | " | " | " | " | |
| Toluene | 107 | 8 | µg/m3 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 8 | µg/m3 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 8 | µg/m3 | " | " | " | " | |
| Trichloroethene | ND | 8 | µg/m3 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 8 | µg/m3 | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 8 | µg/m3 | " | " | " | " | |
| Vinyl chloride | ND | 8 | µg/m3 | " | " | " | " | |
| m,p-Xylene | 27 | 16 | µg/m3 | " | " | " | " | |
| o-Xylene | ND | 8 | µg/m3 | " | " | " | " | |

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|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/06/24 8:11 |

Probe1-5
J240531-001(Soil Vapor)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **Standard ug/m3 by EPA 8260** | | | | | | | | |
| Methyl-tert-butylether | ND | 40 | µg/m3 | 1 | QC2403037 | 03/04/24 | EPA 8260 | |
| Ethyl-tert-butylether | ND | 40 | µg/m3 | " | " | " | " | |
| Di-isopropylether | ND | 40 | µg/m3 | " | " | " | " | |
| tert-amylmethylether | ND | 40 | µg/m3 | " | " | " | " | |
| tert-Butylalcohol | ND | 400 | µg/m3 | " | " | " | " | |
| *Surrogate: Toluene-d8* | *98.59 %* | *60 - 140* | | | | | | |
| *Surrogate: Dibromofluoromethane* | *99.92 %* | *60 - 140* | | | | | | |
| *Surrogate: 4-Bromofluorobenzene* | *94.88 %* | *60 - 140* | | | | | | |

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| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/06/24 8:11 |

Probe2-5
J240531-002(Soil Vapor)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **Standard ug/m3 by EPA 8260** | | | | | | | | |
| Benzene | ND | 8 | µg/m3 | 1 | QC2403037 | 03/04/24 | EPA 8260 | |
| Bromodichloromethane | ND | 8 | µg/m3 | " | " | " | " | |
| Bromoform | ND | 8 | µg/m3 | " | " | " | " | |
| n-Butylbenzene | ND | 12 | µg/m3 | " | " | " | " | |
| sec-Butylbenzene | ND | 12 | µg/m3 | " | " | " | " | |
| tert-Butylbenzene | ND | 12 | µg/m3 | " | " | " | " | |
| Carbon tetrachloride | ND | 8 | µg/m3 | " | " | " | " | |
| Chlorobenzene | ND | 8 | µg/m3 | " | " | " | " | |
| Chloroform | ND | 8 | µg/m3 | " | " | " | " | |
| Dibromochloromethane | ND | 8 | µg/m3 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 8 | µg/m3 | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 16 | µg/m3 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 16 | µg/m3 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 16 | µg/m3 | " | " | " | " | |
| Freon 12 | ND | 16 | µg/m3 | " | " | " | " | |
| Freon 11 | ND | 16 | µg/m3 | " | " | " | " | |
| Freon 113 | ND | 16 | µg/m3 | " | " | " | " | |
| 1,1-Dichloroethane | ND | 8 | µg/m3 | " | " | " | " | |
| 1,2-Dichloroethane | ND | 8 | µg/m3 | " | " | " | " | |
| 1,1-Dichloroethene | ND | 8 | µg/m3 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 8 | µg/m3 | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 8 | µg/m3 | " | " | " | " | |
| Ethylbenzene | 450 | 8 | µg/m3 | " | " | " | " | |
| Isopropylbenzene | 25 | 8 | µg/m3 | " | " | " | " | |
| 4-Isopropyltoluene | 513 | 8 | µg/m3 | " | " | " | " | |
| Methylene chloride | ND | 8 | µg/m3 | " | " | " | " | |
| Naphthalene | ND | 40 | µg/m3 | " | " | " | " | |
| n-Propylbenzene | 59 | 8 | µg/m3 | " | " | " | " | |
| Styrene | ND | 8 | µg/m3 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | 8 | µg/m3 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 16 | µg/m3 | " | " | " | " | |
| Tetrachloroethene | ND | 8 | µg/m3 | " | " | " | " | |
| Toluene | 464 | 8 | µg/m3 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 8 | µg/m3 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 8 | µg/m3 | " | " | " | " | |
| Trichloroethene | ND | 8 | µg/m3 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | 312 | 8 | µg/m3 | " | " | " | " | |
| 1,3,5-Trimethylbenzene | 114 | 8 | µg/m3 | " | " | " | " | |
| Vinyl chloride | ND | 8 | µg/m3 | " | " | " | " | |
| m,p-Xylene | 1540 | 16 | µg/m3 | " | " | " | " | |
| o-Xylene | 90 | 8 | µg/m3 | " | " | " | " | |

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| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/06/24 8:11 |

Probe2-5
J240531-002(Soil Vapor)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **Standard ug/m3 by EPA 8260** | | | | | | | | |
| Methyl-tert-butylether | ND | 40 | µg/m3 | 1 | QC2403037 | 03/04/24 | EPA 8260 | |
| Ethyl-tert-butylether | ND | 40 | µg/m3 | " | " | " | " | |
| Di-isopropylether | ND | 40 | µg/m3 | " | " | " | " | |
| tert-amylmethylether | ND | 40 | µg/m3 | " | " | " | " | |
| tert-Butylalcohol | ND | 400 | µg/m3 | " | " | " | " | |
| *Surrogate: Toluene-d8* | *102.03 %* | *60 - 140* | | | | | | |
| *Surrogate: Dibromofluoromethane* | *105.89 %* | *60 - 140* | | | | | | |
| *Surrogate: 4-Bromofluorobenzene* | *95.48 %* | *60 - 140* | | | | | | |

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| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/06/24 8:11 |

Probe3-5
J240531-003(Soil Vapor)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **Standard ug/m3 by EPA 8260** | | | | | | | | |
| Benzene | 18 | 8 | µg/m3 | 1 | QC2403037 | 03/04/24 | EPA 8260 | |
| Bromodichloromethane | ND | 8 | µg/m3 | " | " | " | " | |
| Bromoform | ND | 8 | µg/m3 | " | " | " | " | |
| n-Butylbenzene | ND | 12 | µg/m3 | " | " | " | " | |
| sec-Butylbenzene | ND | 12 | µg/m3 | " | " | " | " | |
| tert-Butylbenzene | ND | 12 | µg/m3 | " | " | " | " | |
| Carbon tetrachloride | ND | 8 | µg/m3 | " | " | " | " | |
| Chlorobenzene | ND | 8 | µg/m3 | " | " | " | " | |
| Chloroform | 33 | 8 | µg/m3 | " | " | " | " | |
| Dibromochloromethane | ND | 8 | µg/m3 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 8 | µg/m3 | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 16 | µg/m3 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 16 | µg/m3 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 16 | µg/m3 | " | " | " | " | |
| Freon 12 | ND | 16 | µg/m3 | " | " | " | " | |
| Freon 11 | ND | 16 | µg/m3 | " | " | " | " | |
| Freon 113 | ND | 16 | µg/m3 | " | " | " | " | |
| 1,1-Dichloroethane | ND | 8 | µg/m3 | " | " | " | " | |
| 1,2-Dichloroethane | ND | 8 | µg/m3 | " | " | " | " | |
| 1,1-Dichloroethene | ND | 8 | µg/m3 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 8 | µg/m3 | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 8 | µg/m3 | " | " | " | " | |
| Ethylbenzene | 162 | 8 | µg/m3 | " | " | " | " | |
| Isopropylbenzene | 17 | 8 | µg/m3 | " | " | " | " | |
| 4-Isopropyltoluene | 394 | 8 | µg/m3 | " | " | " | " | |
| Methylene chloride | ND | 8 | µg/m3 | " | " | " | " | |
| Naphthalene | ND | 40 | µg/m3 | " | " | " | " | |
| n-Propylbenzene | 22 | 8 | µg/m3 | " | " | " | " | |
| Styrene | ND | 8 | µg/m3 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | 8 | µg/m3 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 16 | µg/m3 | " | " | " | " | |
| Tetrachloroethene | ND | 8 | µg/m3 | " | " | " | " | |
| Toluene | 183 | 8 | µg/m3 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 8 | µg/m3 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 8 | µg/m3 | " | " | " | " | |
| Trichloroethene | ND | 8 | µg/m3 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | 138 | 8 | µg/m3 | " | " | " | " | |
| 1,3,5-Trimethylbenzene | 67 | 8 | µg/m3 | " | " | " | " | |
| Vinyl chloride | ND | 8 | µg/m3 | " | " | " | " | |
| m,p-Xylene | 615 | 16 | µg/m3 | " | " | " | " | |
| o-Xylene | 42 | 8 | µg/m3 | " | " | " | " | |

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| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/06/24 8:11 |

Probe3-5
J240531-003(Soil Vapor)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **Standard ug/m3 by EPA 8260** | | | | | | | | |
| Methyl-tert-butylether | ND | 40 | µg/m3 | 1 | QC2403037 | 03/04/24 | EPA 8260 | |
| Ethyl-tert-butylether | ND | 40 | µg/m3 | " | " | " | " | |
| Di-isopropylether | ND | 40 | µg/m3 | " | " | " | " | |
| tert-amylmethylether | ND | 40 | µg/m3 | " | " | " | " | |
| tert-Butylalcohol | ND | 400 | µg/m3 | " | " | " | " | |
| *Surrogate: Toluene-d8* | *104.76 %* | *60 - 140* | | | | | | |
| *Surrogate: Dibromofluoromethane* | *100.36 %* | *60 - 140* | | | | | | |
| *Surrogate: 4-Bromofluorobenzene* | *88.12 %* | *60 - 140* | | | | | | |

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| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/06/24 8:11 |

Probe4-5
J240531-004(Soil Vapor)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **Standard ug/m3 by EPA 8260** | | | | | | | | |
| Benzene | 22 | 8 | µg/m3 | 1 | QC2403037 | 03/04/24 | EPA 8260 | |
| Bromodichloromethane | ND | 8 | µg/m3 | " | " | " | " | |
| Bromoform | ND | 8 | µg/m3 | " | " | " | " | |
| n-Butylbenzene | ND | 12 | µg/m3 | " | " | " | " | |
| sec-Butylbenzene | ND | 12 | µg/m3 | " | " | " | " | |
| tert-Butylbenzene | ND | 12 | µg/m3 | " | " | " | " | |
| Carbon tetrachloride | ND | 8 | µg/m3 | " | " | " | " | |
| Chlorobenzene | ND | 8 | µg/m3 | " | " | " | " | |
| Chloroform | 26 | 8 | µg/m3 | " | " | " | " | |
| Dibromochloromethane | ND | 8 | µg/m3 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 8 | µg/m3 | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 16 | µg/m3 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 16 | µg/m3 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 16 | µg/m3 | " | " | " | " | |
| Freon 12 | ND | 16 | µg/m3 | " | " | " | " | |
| Freon 11 | ND | 16 | µg/m3 | " | " | " | " | |
| Freon 113 | ND | 16 | µg/m3 | " | " | " | " | |
| 1,1-Dichloroethane | ND | 8 | µg/m3 | " | " | " | " | |
| 1,2-Dichloroethane | ND | 8 | µg/m3 | " | " | " | " | |
| 1,1-Dichloroethene | ND | 8 | µg/m3 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 8 | µg/m3 | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 8 | µg/m3 | " | " | " | " | |
| Ethylbenzene | 22 | 8 | µg/m3 | " | " | " | " | |
| Isopropylbenzene | ND | 8 | µg/m3 | " | " | " | " | |
| 4-Isopropyltoluene | 870 | 8 | µg/m3 | " | " | " | " | |
| Methylene chloride | ND | 8 | µg/m3 | " | " | " | " | |
| Naphthalene | ND | 40 | µg/m3 | " | " | " | " | |
| n-Propylbenzene | ND | 8 | µg/m3 | " | " | " | " | |
| Styrene | ND | 8 | µg/m3 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | 8 | µg/m3 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 16 | µg/m3 | " | " | " | " | |
| Tetrachloroethene | ND | 8 | µg/m3 | " | " | " | " | |
| Toluene | 79 | 8 | µg/m3 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 8 | µg/m3 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 8 | µg/m3 | " | " | " | " | |
| Trichloroethene | ND | 8 | µg/m3 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | 51 | 8 | µg/m3 | " | " | " | " | |
| 1,3,5-Trimethylbenzene | 17 | 8 | µg/m3 | " | " | " | " | |
| Vinyl chloride | ND | 8 | µg/m3 | " | " | " | " | |
| m,p-Xylene | 88 | 16 | µg/m3 | " | " | " | " | |
| o-Xylene | 9 | 8 | µg/m3 | " | " | " | " | |

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| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/06/24 8:11 |

Probe4-5
J240531-004(Soil Vapor)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **Standard ug/m3 by EPA 8260** | | | | | | | | |
| Methyl-tert-butylether | ND | 40 | µg/m3 | 1 | QC2403037 | 03/04/24 | EPA 8260 | |
| Ethyl-tert-butylether | ND | 40 | µg/m3 | " | " | " | " | |
| Di-isopropylether | ND | 40 | µg/m3 | " | " | " | " | |
| tert-amylmethylether | ND | 40 | µg/m3 | " | " | " | " | |
| tert-Butylalcohol | ND | 400 | µg/m3 | " | " | " | " | |
| *Surrogate: Toluene-d8* | *95.50 %* | *60 - 140* | | | | | | |
| *Surrogate: Dibromofluoromethane* | *98.73 %* | *60 - 140* | | | | | | |
| *Surrogate: 4-Bromofluorobenzene* | *94.90 %* | *60 - 140* | | | | | | |

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| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/06/24 8:11 |

Probe5-5
J240531-005(Soil Vapor)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **Standard ug/m3 by EPA 8260** | | | | | | | | |
| Benzene | 29 | 8 | µg/m3 | 1 | QC2403037 | 03/04/24 | EPA 8260 | |
| Bromodichloromethane | 14 | 8 | µg/m3 | " | " | " | " | |
| Bromoform | ND | 8 | µg/m3 | " | " | " | " | |
| n-Butylbenzene | ND | 12 | µg/m3 | " | " | " | " | |
| sec-Butylbenzene | ND | 12 | µg/m3 | " | " | " | " | |
| tert-Butylbenzene | ND | 12 | µg/m3 | " | " | " | " | |
| Carbon tetrachloride | ND | 8 | µg/m3 | " | " | " | " | |
| Chlorobenzene | ND | 8 | µg/m3 | " | " | " | " | |
| Chloroform | 24 | 8 | µg/m3 | " | " | " | " | |
| Dibromochloromethane | ND | 8 | µg/m3 | " | " | " | " | |
| 1,2-Dibromoethane (EDB) | ND | 8 | µg/m3 | " | " | " | " | |
| 1,2-Dichlorobenzene | ND | 16 | µg/m3 | " | " | " | " | |
| 1,3-Dichlorobenzene | ND | 16 | µg/m3 | " | " | " | " | |
| 1,4-Dichlorobenzene | ND | 16 | µg/m3 | " | " | " | " | |
| Freon 12 | ND | 16 | µg/m3 | " | " | " | " | |
| Freon 11 | ND | 16 | µg/m3 | " | " | " | " | |
| Freon 113 | ND | 16 | µg/m3 | " | " | " | " | |
| 1,1-Dichloroethane | ND | 8 | µg/m3 | " | " | " | " | |
| 1,2-Dichloroethane | ND | 8 | µg/m3 | " | " | " | " | |
| 1,1-Dichloroethene | ND | 8 | µg/m3 | " | " | " | " | |
| cis-1,2-Dichloroethene | ND | 8 | µg/m3 | " | " | " | " | |
| trans-1,2-Dichloroethene | ND | 8 | µg/m3 | " | " | " | " | |
| Ethylbenzene | 16 | 8 | µg/m3 | " | " | " | " | |
| Isopropylbenzene | ND | 8 | µg/m3 | " | " | " | " | |
| 4-Isopropyltoluene | 637 | 8 | µg/m3 | " | " | " | " | |
| Methylene chloride | ND | 8 | µg/m3 | " | " | " | " | |
| Naphthalene | ND | 40 | µg/m3 | " | " | " | " | |
| n-Propylbenzene | ND | 8 | µg/m3 | " | " | " | " | |
| Styrene | ND | 8 | µg/m3 | " | " | " | " | |
| 1,1,1,2-Tetrachloroethane | ND | 8 | µg/m3 | " | " | " | " | |
| 1,1,2,2-Tetrachloroethane | ND | 16 | µg/m3 | " | " | " | " | |
| Tetrachloroethene | ND | 8 | µg/m3 | " | " | " | " | |
| Toluene | 61 | 8 | µg/m3 | " | " | " | " | |
| 1,1,1-Trichloroethane | ND | 8 | µg/m3 | " | " | " | " | |
| 1,1,2-Trichloroethane | ND | 8 | µg/m3 | " | " | " | " | |
| Trichloroethene | ND | 8 | µg/m3 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 8 | µg/m3 | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 8 | µg/m3 | " | " | " | " | |
| Vinyl chloride | ND | 8 | µg/m3 | " | " | " | " | |
| m,p-Xylene | 63 | 16 | µg/m3 | " | " | " | " | |
| o-Xylene | ND | 8 | µg/m3 | " | " | " | " | |

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

| | | |
|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/06/24 8:11 |

Probe5-5
J240531-005(Soil Vapor)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|
| **Standard ug/m3 by EPA 8260** | | | | | | | | |
| Methyl-tert-butylether | ND | 40 | µg/m3 | 1 | QC2403037 | 03/04/24 | EPA 8260 | |
| Ethyl-tert-butylether | ND | 40 | µg/m3 | " | " | " | " | |
| Di-isopropylether | ND | 40 | µg/m3 | " | " | " | " | |
| tert-amylmethylether | ND | 40 | µg/m3 | " | " | " | " | |
| tert-Butylalcohol | ND | 400 | µg/m3 | " | " | " | " | |
| *Surrogate: Toluene-d8* | *97.92 %* | *60 - 140* | | | | | | |
| *Surrogate: Dibromofluoromethane* | *99.99 %* | *60 - 140* | | | | | | |
| *Surrogate: 4-Bromofluorobenzene* | *93.66 %* | *60 - 140* | | | | | | |

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| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/06/24 8:11 |

**Standard ug/m3 by EPA 8260 - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | %REC Limits | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch QC2403037 - EPA 8260** | | | | | | | | | | |
| **CCV 1** | | | | | | | | | | |
| Benzene | 10 | 8 | % | 10 | | 97 | 80 - 120 | | 120 | |
| Chlorobenzene | 10 | 8 | % | 10 | | 96 | 80 - 120 | | 120 | |
| 1,1-Dichloroethene | 9 | 8 | % | 10 | | 90 | 80 - 120 | | 120 | |
| cis-1,2-Dichloroethene | 9 | 8 | % | 10 | | 94 | 80 - 120 | | 120 | |
| Ethylbenzene | 9 | 8 | % | 10 | | 90 | 80 - 120 | | 120 | |
| Tetrachloroethene | 10 | 8 | % | 10 | | 98 | 80 - 120 | | 120 | |
| Toluene | 10 | 8 | % | 10 | | 100 | 80 - 120 | | 120 | |
| 1,1,1-Trichloroethane | 9 | 8 | % | 10 | | 93 | 80 - 120 | | 120 | |
| Trichloroethene | 9 | 8 | % | 10 | | 93 | 80 - 120 | | 120 | |
| 1,2,4-Trimethylbenzene | 10 | 8 | % | 10 | | 99 | 80 - 120 | | 120 | |
| Vinyl chloride | 10 | 8 | % | 10 | | 97 | 80 - 120 | | 120 | |
| **LCS 1** | | | | | | | | | | |
| Benzene | 2.92 | 8 | % | 2.5 | | 117 | 70 - 130 | | | |
| Chlorobenzene | 2.89 | 8 | % | 2.5 | | 115 | 70 - 130 | | | |
| 1,1-Dichloroethene | 2.81 | 8 | % | 2.5 | | 113 | 60 - 140 | | | |
| cis-1,2-Dichloroethene | 2.78 | 8 | % | 2.5 | | 111 | 70 - 130 | | | |
| Ethylbenzene | 2.67 | 8 | % | 2.5 | | 107 | 70 - 130 | | | |
| Tetrachloroethene | 2.67 | 8 | % | 2.5 | | 107 | 70 - 130 | | | |
| Toluene | 2.04 | 8 | % | 2.5 | | 81 | 70 - 130 | | | |
| 1,1,1-Trichloroethane | 2.58 | 8 | % | 2.5 | | 103 | 70 - 130 | | | |
| Trichloroethene | 2.79 | 8 | % | 2.5 | | 111 | 70 - 130 | | | |
| 1,2,4-Trimethylbenzene | 2.94 | 8 | % | 2.5 | | 118 | 70 - 130 | | | |
| Vinyl chloride | 2.87 | 8 | % | 2.5 | | 115 | 60 - 140 | | | |
| *Surrogate: Toluene-d8* | | *99.71 %* | *60 - 140* | | | | | | | |
| *Surrogate: Dibromofluoromethane* | | *102.45 %* | *60 - 140* | | | | | | | |
| *Surrogate: 4-Bromofluorobenzene* | | *95.46 %* | *60 - 140* | | | | | | | |
| **LCSD 1** | | | | | | | | | | |
| Benzene | 2.56 | 8 | % | 2.5 | | 102 | | 13.18 | | |
| Chlorobenzene | 2.75 | 8 | % | 2.5 | | 110 | | 4.99 | | |
| 1,1-Dichloroethene | 2.81 | 8 | % | 2.5 | | 112 | | 0.34 | | |
| cis-1,2-Dichloroethene | 2.65 | 8 | % | 2.5 | | 106 | | 4.67 | | |
| Ethylbenzene | 2.68 | 8 | % | 2.5 | | 107 | | 0.40 | | |
| Tetrachloroethene | 2.66 | 8 | % | 2.5 | | 107 | | 0.21 | | |
| Toluene | 2.44 | 8 | % | 2.5 | | 97 | | 17.87 | | |
| 1,1,1-Trichloroethane | 2.56 | 8 | % | 2.5 | | 102 | | 0.85 | | |
| Trichloroethene | 2.54 | 8 | % | 2.5 | | 102 | | 9.11 | | |

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Colby Wakeman
Lab Director

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562-646-1611 FAX

| | | |
|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/06/24 8:11 |

**Standard ug/m3 by EPA 8260 - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | %REC Limits | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch QC2403037 - EPA 8260** | | | | | | | | | | |
| **LCSD 1** | | | | | | | | | | |
| 1,2,4-Trimethylbenzene | 2.55 | 8 | % | 2.5 | | 102 | | 14.19 | | |
| Vinyl chloride | 2.78 | 8 | % | 2.5 | | 111 | | 3.22 | | |
| *Surrogate: Toluene-d8* | | *101.18 %* | *60 - 140* | | | | | | | |
| *Surrogate: Dibromofluoromethane* | | *99.56 %* | *60 - 140* | | | | | | | |
| *Surrogate: 4-Bromofluorobenzene* | | *94.61 %* | *60 - 140* | | | | | | | |
| **Method Blank 1** | | | | | | | | | | |
| Benzene | ND | 8 | µg/m3 | | | | | | | |
| Bromodichloromethane | ND | 8 | µg/m3 | | | | | | | |
| Bromoform | ND | 8 | µg/m3 | | | | | | | |
| n-Butylbenzene | ND | 12 | µg/m3 | | | | | | | |
| sec-Butylbenzene | ND | 12 | µg/m3 | | | | | | | |
| tert-Butylbenzene | ND | 12 | µg/m3 | | | | | | | |
| Carbon tetrachloride | ND | 8 | µg/m3 | | | | | | | |
| Chlorobenzene | ND | 8 | µg/m3 | | | | | | | |
| Chloroform | ND | 8 | µg/m3 | | | | | | | |
| Dibromochloromethane | ND | 8 | µg/m3 | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 8 | µg/m3 | | | | | | | |
| 1,2-Dichlorobenzene | ND | 16 | µg/m3 | | | | | | | |
| 1,3-Dichlorobenzene | ND | 16 | µg/m3 | | | | | | | |
| 1,4-Dichlorobenzene | ND | 16 | µg/m3 | | | | | | | |
| Freon 12 | ND | 16 | µg/m3 | | | | | | | |
| Freon 11 | ND | 16 | µg/m3 | | | | | | | |
| Freon 113 | ND | 16 | µg/m3 | | | | | | | |
| 1,1-Dichloroethane | ND | 8 | µg/m3 | | | | | | | |
| 1,2-Dichloroethane | ND | 8 | µg/m3 | | | | | | | |
| 1,1-Dichloroethene | ND | 8 | µg/m3 | | | | | | | |
| cis-1,2-Dichloroethene | ND | 8 | µg/m3 | | | | | | | |
| trans-1,2-Dichloroethene | ND | 8 | µg/m3 | | | | | | | |
| Ethylbenzene | ND | 8 | µg/m3 | | | | | | | |
| Isopropylbenzene | ND | 8 | µg/m3 | | | | | | | |
| 4-Isopropyltoluene | ND | 8 | µg/m3 | | | | | | | |
| Methylene chloride | ND | 8 | µg/m3 | | | | | | | |
| Naphthalene | ND | 40 | µg/m3 | | | | | | | |
| n-Propylbenzene | ND | 8 | µg/m3 | | | | | | | |
| Styrene | ND | 8 | µg/m3 | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 8 | µg/m3 | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 16 | µg/m3 | | | | | | | |

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Colby Wakeman
Lab Director

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|---|---|---|
| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/06/24 8:11 |

**Standard ug/m3 by EPA 8260 - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | %REC Limits | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch QC2403037 - EPA 8260** | | | | | | | | | | |
| **Method Blank 1** | | | | | | | | | | |
| Tetrachloroethene | ND | 8 | µg/m3 | | | | | | | |
| Toluene | ND | 8 | µg/m3 | | | | | | | |
| 1,1,1-Trichloroethane | ND | 8 | µg/m3 | | | | | | | |
| 1,1,2-Trichloroethane | ND | 8 | µg/m3 | | | | | | | |
| Trichloroethene | ND | 8 | µg/m3 | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 8 | µg/m3 | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 8 | µg/m3 | | | | | | | |
| Vinyl chloride | ND | 8 | µg/m3 | | | | | | | |
| m,p-Xylene | ND | 16 | µg/m3 | | | | | | | |
| o-Xylene | ND | 8 | µg/m3 | | | | | | | |
| Methyl-tert-butylether | ND | 40 | µg/m3 | | | | | | | |
| Ethyl-tert-butylether | ND | 40 | µg/m3 | | | | | | | |
| Di-isopropylether | ND | 40 | µg/m3 | | | | | | | |
| tert-amylmethylether | ND | 40 | µg/m3 | | | | | | | |
| tert-Butylalcohol | ND | 400 | µg/m3 | | | | | | | |
| *Surrogate: Toluene-d8* | | *98.78 %* | *60 - 140* | | | | | | | |
| *Surrogate: Dibromofluoromethane* | | *100.46 %* | *60 - 140* | | | | | | | |
| *Surrogate: 4-Bromofluorobenzene* | | *93.54 %* | *60 - 140* | | | | | | | |
| **Sample Blank 1** | | | | | | | | | | |
| Benzene | ND | 8 | µg/m3 | | | | | | | |
| Bromodichloromethane | ND | 8 | µg/m3 | | | | | | | |
| Bromoform | ND | 8 | µg/m3 | | | | | | | |
| n-Butylbenzene | ND | 12 | µg/m3 | | | | | | | |
| sec-Butylbenzene | ND | 12 | µg/m3 | | | | | | | |
| tert-Butylbenzene | ND | 12 | µg/m3 | | | | | | | |
| Carbon tetrachloride | ND | 8 | µg/m3 | | | | | | | |
| Chlorobenzene | ND | 8 | µg/m3 | | | | | | | |
| Chloroform | ND | 8 | µg/m3 | | | | | | | |
| Dibromochloromethane | ND | 8 | µg/m3 | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 8 | µg/m3 | | | | | | | |
| 1,2-Dichlorobenzene | ND | 16 | µg/m3 | | | | | | | |
| 1,3-Dichlorobenzene | ND | 16 | µg/m3 | | | | | | | |
| 1,4-Dichlorobenzene | ND | 16 | µg/m3 | | | | | | | |
| Freon 12 | ND | 16 | µg/m3 | | | | | | | |
| Freon 11 | ND | 16 | µg/m3 | | | | | | | |
| Freon 113 | ND | 16 | µg/m3 | | | | | | | |
| 1,1-Dichloroethane | ND | 8 | µg/m3 | | | | | | | |

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| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/06/24 8:11 |

**Standard ug/m3 by EPA 8260 - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | %REC Limits | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch QC2403037 - EPA 8260** | | | | | | | | | | |
| **Sample Blank 1** | | | | | | | | | | |
| 1,2-Dichloroethane | ND | 8 | µg/m3 | | | | | | | |
| 1,1-Dichloroethene | ND | 8 | µg/m3 | | | | | | | |
| cis-1,2-Dichloroethene | ND | 8 | µg/m3 | | | | | | | |
| trans-1,2-Dichloroethene | ND | 8 | µg/m3 | | | | | | | |
| Ethylbenzene | ND | 8 | µg/m3 | | | | | | | |
| Isopropylbenzene | ND | 8 | µg/m3 | | | | | | | |
| 4-Isopropyltoluene | ND | 8 | µg/m3 | | | | | | | |
| Methylene chloride | ND | 8 | µg/m3 | | | | | | | |
| Naphthalene | ND | 40 | µg/m3 | | | | | | | |
| n-Propylbenzene | ND | 8 | µg/m3 | | | | | | | |
| Styrene | ND | 8 | µg/m3 | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 8 | µg/m3 | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 16 | µg/m3 | | | | | | | |
| Tetrachloroethene | ND | 8 | µg/m3 | | | | | | | |
| Toluene | ND | 8 | µg/m3 | | | | | | | |
| 1,1,1-Trichloroethane | ND | 8 | µg/m3 | | | | | | | |
| 1,1,2-Trichloroethane | ND | 8 | µg/m3 | | | | | | | |
| Trichloroethene | ND | 8 | µg/m3 | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 8 | µg/m3 | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 8 | µg/m3 | | | | | | | |
| Vinyl chloride | ND | 8 | µg/m3 | | | | | | | |
| m,p-Xylene | ND | 16 | µg/m3 | | | | | | | |
| o-Xylene | ND | 8 | µg/m3 | | | | | | | |
| Methyl-tert-butylether | ND | 40 | µg/m3 | | | | | | | |
| Ethyl-tert-butylether | ND | 40 | µg/m3 | | | | | | | |
| Di-isopropylether | ND | 40 | µg/m3 | | | | | | | |
| tert-amylmethylether | ND | 40 | µg/m3 | | | | | | | |
| tert-Butylalcohol | ND | 400 | µg/m3 | | | | | | | |
| *Surrogate: Toluene-d8* | | *100.54 %* | | | | | *60 - 140* | | | |
| *Surrogate: Dibromofluoromethane* | | *100.02 %* | | | | | *60 - 140* | | | |
| *Surrogate: 4-Bromofluorobenzene* | | *93.56 %* | | | | | *60 - 140* | | | |

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| Partner Engineering & Science, Inc. | Project: Little Green Acres Park | |
| 24 Executive Park, | Project Number: ES23-426826 | Reported |
| Irvine, CA | Project Manager: Terri Men | 03/06/24 8:11 |

**Notes and Definitions**

| | |
|---|---|
| DET | Analyte DETECTED |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| E | Estimated Concentration; concentration exceeds calibration ra |
| LCC | Leak Check Compound |
| 1 | Recovery outside of acceptable limits. LCS/LCSD recoveries and %RSD were within QC limits, therefore data was a |
| SMS | Sample matrix prevented adequate surrogate recovery. |
| J | Value less than PQL but greater than |
| HHSR | High hydrocarbon concentration in this sample prevented adequate surrogate recovery. |

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Santa Fe Springs, CA 90670
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Fax (714) 449-9685
www.jonesenv.com

# Air Chain-of-Custody Record

Lab Use Only
Jones Project # J240531
Page 1 of 1

Client: Partner Engineering & Science
Client Address: 2154 Torrance Blvd, Torrance, CA 90501
Project Name: Little Green Acres Park
Project Address: 10414-10422 S Vermont Ave, Los Angeles, CA 90044
Report To: Terri Men
Email/Phone: tmen@partneresj.com
Sampler: Stanley Njoku

Date: 2/28/24
Client Project #: 6523-426826

Purge Rate: _____ cc/min
Shut In Test: Y / N

**Turn Around Requested**
- ☐ Immediate Attention - 200%
- ☐ Rush 24 Hours - 100%
- ☐ Rush 48 Hours - 50%
- ☐ Rush 72 Hours - 25%
- ☐ Rush 96 Hours - 10%
- ☑ Normal - No Surcharge

**Tracer**
- ☐ n-pentane
- ☐ n-hexane
- ☐ n-heptane
- ☐ Helium
- ☐ 1,1-DFA
- ☐ _____

**Report Options**
EDD _____
EDF* - 10% Surcharge____
*Global ID _____

**Gasoline Range Organics**
☐ Yes ☐ No

**Summa Canister Size**
☑ 1L ☐ 6L

**Units Requested**
☑ ug/m3 ☐ ug/L ☐ ppmV

| Sample ID | Date Collected | Purge Number | Purge Volume | Laboratory Sample ID | Canister ID | Canister Start Pressure | Canister End Pressure | Flow Rate (cc/min) | Sampling Start Time | Sampling End Time | Analysis Requested: TO-15 | 8260B | Magnehelic Reading (in $H_2O$) | Number of Containers |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Probe 1-5' | 2/28/24 | | | -001 | 01354 | -30 in Hg | 0 | | 1544 | 1551 | X | X | | 1 |
| Probe 2-5' | | | | -002 | 01727 | -30 | 0 | | 1555 | 1602 | X | X | | 1 |
| Probe 3-5' | | | | -003 | 01729 | -30 | 0 | | 1608 | 1616 | X | X | | 1 |
| Probe 4-5' | | | | -004 | 01735 | -30 | 0 | | 1617 | 1622 | X | X | | 1 |
| Probe 4-5'-DUP | | | | ~~-005~~ | 01734 | -30 | 0 | | 1623 | 1629 | X | X | | 1 |
| Probe 5-5' | | | | ~~-006~~ -005 (AO) | 01362 | -30 | 0 | | 1629 | 1637 | | X | (AO) | |

Relinquished By (Signature): [signature] Date: 2/28/24
Company: Partner ESJ Time: 1749

Relinquished By (Signature): Date:
Company: Time:

Recieved By (Signature): Date:
Company: Time:

Recieved By Laboratory (Signature): [signature] Date: 2-28-24
Company: Jones Time: 17:50

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specificied above under the Terms and Conditions set forth

# Login Report

**Customer Name:** Partner Engineering & Science, Inc. **Order ID:** J240531

**Purchase Order:** **Order Date:** 2/29/2024

**Project ID:** Little Green Acres Park

**Comment:**

**Sample #:** J240531-001 **Customer Sample #:** Probe1-5 **Site:**

| | | | | | |
|---|---|---|---|---|---|
| **Recv'd:** | ☑ | **Collector:** | | **Date Collected:** | 02/28/24 3:44 PM |
| **Quantity:** | 1 | **Matrix:** | Soil Vapor | **Date Received:** | 02/28/24 11:33 AM |

**Comment:**

| Test | Test Group | Method | Due Date | Priority |
|---|---|---|---|---|
| Standard ug/m3 | | EPA 8260 | 3/7/2024 | |

**Sample #:** J240531-002 **Customer Sample #:** Probe2-5 **Site:**

| | | | | | |
|---|---|---|---|---|---|
| **Recv'd:** | ☑ | **Collector:** | | **Date Collected:** | 02/28/24 3:55 PM |
| **Quantity:** | 1 | **Matrix:** | Soil Vapor | **Date Received:** | 02/28/24 11:33 AM |

**Comment:**

| Test | Test Group | Method | Due Date | Priority |
|---|---|---|---|---|
| Standard ug/m3 | | EPA 8260 | 3/7/2024 | |

**Sample #:** J240531-003 **Customer Sample #:** Probe3-5 **Site:**

| | | | | | |
|---|---|---|---|---|---|
| **Recv'd:** | ☑ | **Collector:** | | **Date Collected:** | 02/28/24 4:08 PM |
| **Quantity:** | 1 | **Matrix:** | Soil Vapor | **Date Received:** | 02/28/24 11:33 AM |

**Comment:**

| Test | Test Group | Method | Due Date | Priority |
|---|---|---|---|---|
| Standard ug/m3 | | EPA 8260 | 3/7/2024 | |

**Sample #:** J240531-004 **Customer Sample #:** Probe4-5 **Site:**

| | | | | | |
|---|---|---|---|---|---|
| **Recv'd:** | ☑ | **Collector:** | | **Date Collected:** | 02/28/24 4:17 PM |
| **Quantity:** | 1 | **Matrix:** | Soil Vapor | **Date Received:** | 02/28/24 11:33 AM |

**Comment:**

| Test | Test Group | Method | Due Date | Priority |
|---|---|---|---|---|
| Standard ug/m3 | | EPA 8260 | 3/7/2024 | |

**Customer Name:** Partner Engineering & Science, Inc. **Order ID:** J240531

**Purchase Order:** **Order Date:** 2/29/2024

**Project ID:** Little Green Acres Park

**Comment:**

**Sample #:** J240531-005 **Customer Sample #:** Probe4-5 DUP **Site:**

| | | | | | |
|---|---|---|---|---|---|
| **Recv'd:** | ☑ | **Collector:** | | **Date Collected:** | 02/28/24 4:23 PM |
| **Quantity:** | 1 | **Matrix:** | Soil Vapor | **Date Received:** | 02/28/24 11:33 AM |

**Comment:**

| Test | Test Group | Method | Due Date | Priority |
|---|---|---|---|---|
| Standard ug/m3 | | EPA 8260 | 3/7/2024 | |

## SAMPLE CONDITION RECORD

| | |
|---|---|
| 1. Are the samples within correct temperature criteria? (0 - 6°C) | N/A |
| 2. If not within temp. criteria, were samples received on ice? | N/A |
| 3. If not within temp. criteria, were samples received chilled on same day of sampling? | N/A |
| 4. Is the Chain of Custody (COC) received filled out completely? | Yes |
| 5. Does the total number of containers received match COC? | Yes |
| 6. Are the sample container label(s) consistent with COC? | Yes |
| 7. Are the sample container(s) intact and in good condition? | Yes |
| 8. Were the proper containers & sufficient volume for analyses requested on COC? | Yes |
| 9. Was the proper preservative indicated on COC/container for analyses requested? | N/A |
| 10. Are the containers for volatile analysis free of headspace? (EPA 8260 water) | N/A |
| EDF Requested | N/A |