

Prepared for

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DRAFT REPORT OF LIMITED PHASE II SITE INVESTIGATION REPORT

**15000 Arnold Drive
Eldridge, California 95431**

September 2017

EBA Project No. 16-2382

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1.0 INTRODUCTION

EBA Engineering (EBA) contracted with WRT (Client) to conduct a limited Phase II Site Investigation at the Sonoma Developmental Center located at 15000 Arnold Drive in Eldridge, California, referred to herein as the “project site”. The results of soil sampling are presented in EBA’s *Draft Report of Limited Phase II Site Investigation* (Report). This Report documents the results of field work performed in accordance with the *Draft Work Plan for Limited Phase II Investigation, Sonoma Developmental Center* [Draft Work Plan (EBA, 2017)]. The purpose of the limited Phase II investigation was to provide an initial dataset which could be used as a broad screening tool to evaluate the need for further investigation.

1.1 Site Name

Sonoma Developmental Center (SDC).

1.2 Site Location

The project site is located at 15000 Arnold Drive in Eldridge, CA and is further identified by the Assessor’s Parcel Numbers (APNs) detailed below:

| APN | Subject Property Acreage | Total Parcel Acreage |
|--------------|--------------------------|----------------------|
| 054-090-011 | 487.56 ^A | 584.84 |
| 054-080-001 | 12 ^B | 568.73 |
| 054-150-005 | 90.73 | 90.73 |
| 054-150-010 | 314.45 | 314.45 |
| 054-150-013 | 35.44 | 35.44 |
| TOTAL | 940.18 | 1,594.19 |

A: Approximately 98 acres transferred to the Jack London State Park.

B: 12 acres encompasses access road (Orchard Road). Remainder transferred to Jack London State Park.

1.3 Project Organization

| Title / Responsibility | Name | Phone Number |
|------------------------------------|---|----------------|
| Project Manager | Matthew Earnshaw, P.G., C.Hg., QSD (EBA) | (707) 544-0784 |
| Staff | Max Kruzic, P.G. (EBA) | (707) 544-0784 |
| | Matt Kowalski, GIT (EBA) | N/A |
| | Paul Talmadge, GIT (EBA) | N/A |
| | Forest Kan (EBA) | N/A |
| Quality Assurance Manager (QAM) | Max Kruzic, P.G. (EBA) | (707) 544-0784 |
| Laboratory | K Prime, Inc. | (707) 527-7574 |
| | Vista Analytical Laboratory | (916)-673-1520 |

1.4 Previous Investigations and Regulatory Involvement

A Phase I Environmental Site Assessment (Phase I ESA) was prepared for the project site in October 2016 by URS Corporation. The Phase I identified various recognized environmental conditions (RECs), Historical RECs, and Controlled RECs. Phase II investigation was recommended based upon the results of the Phase I.

EBA conducted a site reconnaissance on June 19 through 21, 2017. RECs identified in the October 2016 Phase I were inspected and evaluated for Phase II investigation.

1.5 Environmental and/or Human Impact

The constituents of potential concern (COPCs) identified for the limited Phase II investigation include the following:

- Arsenic
- Organochlorine pesticides (OCPs)
- Lead from lead based paint
- Polychlorinated biphenyls (PCBs)
- Volatile organic compounds (VOCs)
- Semi-volatile organic compounds (SVOCs)
- Dioxins and Furans
- Title 22 (CAM 17) Metals
- Petroleum Hydrocarbons – Gasoline Range Organics (GRO), Diesel Range Organics (DRO), Heavy Range Organics (HRO)
- Nitrate (as Nitrogen)

2.0 FIELD INVESTIGATION AND PROCEDURES

2.1 Field Screening

Sample locations were screened in the field for potential impacts prior to collecting soil samples. The field screening consisted of visual inspection for staining or free fluids, and unusual odor. Additionally, a photo-ionization detector (PID) was used to screen for VOCs, and a Geiger counter was used to screen for radiological impacts.

2.2 Shallow Soil Sampling

Shallow soil samples were collected at a depth of 0.5 feet below ground surface (BGS) using a hand auger and/or other appropriate shallow digging techniques. Soil sample locations are detailed on Figures 1 -10 (Appendix A). The soil samples were collected in 6 ounce glass jars and/or 2-inch diameter by 6-inch long stainless steel tubes with the ends capped and lined with Teflon® patches. Soil samples were logged on Chain of Custody (COC) forms and placed under refrigerated conditions pending transport to the analytical laboratory for chemical analysis.

As previously discussed in the Draft Work Plan (EBA, 2017), the locations of the proposed soil samples were selected in an effort to prioritize the most significant RECs identified during review of the Phase I ESA and the June 2017 site reconnaissance. Table A (on the following page) details the eight sample locations with corresponding sampling frequency and chemical analysis performed.

Table A

| Location | Number of Borings | COPC | Sample Type | Number of Analyzed Samples |
|-------------|-------------------|---------------------|-------------|----------------------------|
| Buildings | 32 | Lead | Discrete | 32 |
| | | Arsenic | Discrete | 32 |
| | | OCPs | Composite | 9 |
| | | PCBs | Discrete | 2 |
| Incinerator | 2 | GRO/DRO/HRO | Discrete | 2 |
| | | VOCs | Discrete | 2 |
| | | SVOCs | Discrete | 2 |
| | | PCBs | Discrete | 2 |
| | | Title 22 Metals | Discrete | 2 |
| | | Hexavalent Chromium | Discrete | 2 |
| | | Dioxins & Furans | Discrete | 2 |

**Table A
(Continued)**

| | | | | |
|--|---|-----------------|-----------|---|
| Hazardous Materials Storage Shed | 2 | GRO/DRO/HRO | Discrete | 2 |
| | | VOCs | Discrete | 2 |
| | | SVOCs | Discrete | 2 |
| | | PCBs | Discrete | 2 |
| | | Title 22 Metals | Discrete | 2 |
| PCB Storage Shed | 4 | GRO/DRO/HRO | Discrete | 4 |
| | | VOCs | Discrete | 4 |
| | | Lead | Discrete | 4 |
| | | SVOCs | Discrete | 4 |
| | | PCBs | Discrete | 4 |
| | | Title 22 Metals | Discrete | 4 |
| Fruit Drying Facility | 2 | GRO/DRO/HRO | Discrete | 2 |
| | | VOCs | Discrete | 2 |
| | | SVOCs | Discrete | 2 |
| | | Lead | Discrete | 2 |
| Sunrise Industries | 9 | Arsenic | Discrete | 9 |
| | | Lead | Discrete | 8 |
| | | OCPs | Composite | 2 |
| | | Nitrate | Discrete | 8 |
| Historical Pesticide Storage Area | 4 | OCPs | Discrete | 4 |
| | | PCBs | Discrete | 4 |
| | | Title 22 Metals | Discrete | 4 |
| Landscape Maintenance | 2 | GRO/DRO/HRO | Discrete | 2 |
| | | VOCs | Discrete | 2 |
| | | SVOCs | Discrete | 2 |
| | | Title 22 Metals | Discrete | 2 |
| | | OCPs | Discrete | 2 |

COPC = Constituents of Potential Concern

2.3 Decontamination Procedures

Clean disposable gloves were worn during collection of each sample. Any equipment utilized in the collection of the soil samples (i.e. hand auger) was decontaminated between each sampling location using Alconox water triple rinse.

2.4 Sample Containers, Preservation and Storage

Soil samples were collected in 6-ounce glass jars and/or 2-inch diameter by 6-inch long stainless steel tubes, capped then placed under refrigerated conditions pending transport to K-Prime or Vista Analytical Laboratory. Soil samples analyzed for VOCs were prepared by the analytical laboratory in accordance with EPA Method 5035.

2.5 Disposal of Residual Materials

All associated decontamination rinsate was transported off-site in DOT 17H 55-gallon steel drums, treated using granular activated carbon (GAC), and discharged to the City of Santa Rosa's Publically-Owned Treatment Works (POTW) under EBA's Industrial User Permit #SR-GW-7010.

Due to the shallow nature of the soil sampling and generation of limited investigation derived waste (IDW), any soil removed to facilitate shallow soil sampling (i.e. approximately 6-inches) was placed back into the borehole (i.e. source area) per United States Environmental Protection Agency guidelines regarding IDW (US EPA, 2014). The boring was then abandoned as outlined in the Draft Work Plan (EBA, 2017).

2.6 Sample Documentation

The following information was recorded during the collection of each sample:

- Sample location and description;
- Site or sampling area sketch showing sample location and measured distances;
- Sampler's name(s);
- Date and time of sample collection;
- Field observations and details related to analysis or integrity of samples (e.g., weather conditions, noticeable odors, colors, etc.);
- Preliminary sample descriptions (e.g., for soils: clay, very wet); and
- Sample identification numbers.

2.7 Photographs

Each sample location was photographed as part of Quality Assurance/Quality Control (QA/QC) to verify and document the sample locality and any relevant details pertaining to sampling conditions. For each photograph taken, the time, date and location were recorded on the field activity sheet.

2.8 Labeling

All samples collected for chemical analysis were labeled in a clear and precise way for proper identification in the field and for tracking in the laboratory. The sample labels contained the following information: sample location, date of collection, project site, and the project number. Every sample was assigned a unique alphanumeric sample number.

2.9 Sample Chain-of-Custody (COC) Records

All sample shipments for chemical analyses were accompanied by a COC. The COCs were completed and sent with the samples for each shipment (i.e., each day).

Each respective COC identified the contents of each shipment and served to maintain the custodial integrity of the samples. Generally, a sample was considered to be in someone's custody if it was either in someone's physical possession, in someone's view, locked up, or kept in a secured area that is restricted to authorized personnel. The custody of the samples were the responsibility of EBA until the samples were delivered to the analytical laboratory. The sampler signed the COC in the "relinquished by" box upon delivery of the samples to the laboratory.

2.10 Packaging and Shipment

Following the collection of samples, all sample containers were placed in a cooler. The following outlines the packaging procedures that were followed:

- Blue ice or regular bagged ice was placed on the bottom of the cooler.
- A label was affixed to each sample collected.
- The samples were put into a plastic bag inside the cooler.

With the exception of soil samples which were analyzed for dioxins and furans, all samples were transported to K Prime by EBA staff at the end of each sampling day.

Samples analyzed for Dioxins and Furans required shipment to Vista Analytical Laboratories, located in El Dorado Hills, California. These samples were sealed, properly labeled, placed under refrigerated conditions, and mailed via overnight shipping service to Vista Analytical Laboratories with COC documentation.

3.0 LABORATORY ANALYSIS

Table B (below) summarizes the US EPA Methods used for chemical analysis.

Table B

| COPC | Analytical Method | Laboratory |
|--------------------|------------------------|-----------------------------|
| OCPs | EPA Method 3550/8081 | K Prime, Inc. |
| VOCs | EPA Method 8260B | K Prime, Inc. |
| SVOCs | EPA Method 3550/8270C | K Prime, Inc. |
| Title 22 Metals | EPA Method 3050B/6020A | K Prime, Inc. |
| PCBs | EPA Method 3550/8082 | K Prime, Inc. |
| Dioxins and Furans | EPA Method 1613 | Vista Analytical Laboratory |
| GRO | EPA Method 8015B | K Prime, Inc. |

Table B
(Continued)

| | | |
|------------------------------|------------------|---------------|
| DRO | EPA Method 8015B | K Prime, Inc. |
| HRO | EPA Method 8015B | K Prime, Inc. |
| Nitrate (as Nitrogen) | EPA Method 300.0 | K Prime, Inc. |

4.0 ANALYTICAL RESULTS

The following subsections present the analytical results for samples collected during this sampling event. The following subsections are organized based upon location type.

4.1 Historical Buildings

As part of the work scope, several historical buildings were sampled and the analytical results are summarized below. Please refer to Tables 1 through 8 (Appendix B) for details regarding individual sample analytical results.

- Walnut Building
 - OCPs: 11.4 to 69.4 micrograms per kilogram ($\mu\text{g}/\text{Kg}$).
 - Arsenic: 7.05 to 38.4 milligrams per kilogram (mg/Kg).
 - Lead: 101 to 727 mg/Kg .
- Oak Lodge Building
 - OCPs: Chlordane detected at 3.81 $\mu\text{g}/\text{Kg}$.
 - Arsenic: 3.54 to 4.34 mg/Kg .
 - Lead: 21.3 to 39.6 mg/Kg .
- McDougal Building
 - OCPs: Chlordane detected at 9.50 $\mu\text{g}/\text{Kg}$.
 - Arsenic: 2.99 to 4.12 mg/Kg .
 - Lead: 12.6 to 52.9 mg/Kg .
- Chamberlain/CPS building
 - OCPs: 2.82 to 58.2 $\mu\text{g}/\text{Kg}$.
 - Arsenic: 3.55 to 3.87 mg/Kg .
 - Lead: 127 to 276 mg/Kg .
- Garage Building
 - OCPs: 3.54 to 6.17 $\mu\text{g}/\text{Kg}$.
 - Arsenic: 3.06 to 3.27 mg/Kg .
 - Lead: 28.3 to 223 mg/Kg .
- Sonoma HSC Building
 - OCPs: 2.67 to 255 $\mu\text{g}/\text{Kg}$.
 - Arsenic: 5.90 to 18.8 mg/Kg .
 - Lead: 126 to 2,320 mg/Kg .

- PEC Building
 - Arsenic: 2.91 to 4.17 mg/Kg.
 - Lead: 13.5 to 78.9 mg/Kg.
- Blue Rose and Manzanita Buildings
 - OCPs: Chlordane at 114 µg/Kg.
 - Arsenic: 4.08 to 16.3 mg/Kg.
 - Lead: 72.6 to 250 mg/Kg.
- Paxton-Goddard Building
 - OCPs: Chlordane at 45.4 µg/Kg.
 - Arsenic: 3.59 to 3.94 mg/Kg.
 - Lead: 39.6 to 107 mg/Kg.

Please refer to the Certified Analytical Reports (CARs) in Appendix C for quality assurance/quality control and C-O-C documentation.

4.2 Historical Areas

Several historical areas were sampled and the range and occurrence of detections are summarized below. Please refer to Tables 1 through 8 (Appendix B) for details regarding individual sample analytical results.

- Incinerator
 - Metals: 3.96 (cobalt) to 122 (barium) mg/Kg.
 - Hexavalent Chromium: 1.55 mg/Kg.
 - Dioxins and Furans: 0.390 (1,2,3,4,7,8,9-HCDF) to 972 (Total HCDS) picograms per gram (pg/g).
- Hazardous Materials Storage Shed
 - DRO: 26.3 mg/Kg
 - VOCs: Isopropyltoluene at 1.62 µg/Kg.
 - Metals: 11.7 (cobalt) to 151 (barium) mg/Kg.
- Fruit Drying Shed
 - DRO: 1,240 mg/Kg.
 - HRO: 487 mg/Kg.
 - SVOCs: 425 (benzo (b) fluorathene) to 6,960 (acenaphthylene) µg/Kg.
 - Metals: lead, 42.5 and 4,640 mg/Kg.
- PCB Storage Shed
 - DRO: 21.4 mg/Kg.
 - HRO: 41.4 mg/Kg.
 - Metals: 5.13 (cobalt) to 121 (barium) mg/Kg.
- Sunrise Industries
 - Arsenic: 2.89 to 4.78 mg/Kg.
 - Lead: 54.1 to 163 mg/Kg.
 - Nitrate as N: 7.18 mg/Kg.
- Pesticide Storage
 - OCPs: 6.34 to 36.1 µg/Kg.
 - Metals: 6.35 (arsenic) to 154 (lead) mg/Kg

- Landscape Maintenance Area
 - DRO: 35 mg/Kg.
 - SVOCs: Bis (2-ethylhexyl) phthalate at 380 µg/Kg.
 - OCPs: 4.43 to 9.55 µg/Kg
 - Metals: 0.152 (mercury) to 155 (barium) mg/Kg.

Please refer to the Certified Analytical Reports (CARs) in Appendix C for quality assurance/quality control and COC documentation.

5.0 QUALITY ASSURANCE AND QUALITY CONTROL

5.1 Data Review and Validation

The limited scope of the proposed Phase II investigation warrants the use of a Tier 1A data validation effort. A quality control (QC) review was performed on all field documentation and analytical reports. Validation of the laboratory QC review was conducted by EBA's Quality Assurance Manager (QAM) with no less than 10 percent of the data being validated. QC review consisted of ensuring that the following are appropriately satisfied:

- Analytical holding times
- Analytical accuracy (blank, matrix spike and control sample recoveries)
- Analytical precision (comparison of blind duplicate results)
- Chain-of-Custody (COC) documentation
- Frequency of laboratory batch QC samples
- Results of laboratory batch and method blank QC sample(s)

5.2 Duplicate Sample

Duplicate samples were collected in accordance with protocols set forth in EBA's Draft Work Plan and were labeled as "Blind Duplicate XX". The duplicate sample naming was kept confidential from project documentation such as the laboratory chain-of-custody and other project documentation. The duplicate samples were reconciled with the duplicate pair in the reporting process as a portion of the overall QA/QC for the project. Overall, no significant variations were identified between blind duplicate samples and their respective sample. However, it should be noted that the detection of arsenic in "Blind Duplicate-3" (33.4 mg/Kg) was notable higher than the co-located sample (SB-28, which contained 16.3 mg/Kg). This variation can likely be attributed to spatial variability with respect to depth (i.e. volume of soil needed to fill two 6-ounce glass jars) and does not imply inadequate laboratory QA/QC.

5.3 Equipment Blank

An equipment blank was collected at a frequency of one sample per day. The equipment blank was collected from project equipment that is used repeatedly in the process of sampling after the standard decontamination process described herein has

been completed. The equipment blank was collected by pouring analyte free water over or through decontaminated field sampling equipment prior to the collection of subsequent environmental samples. Laboratory analysis were limited to the constituents of concern.

The results of the equipment blank identified no potential sources of cross-contamination introduced in the field.

5.4 Laboratory Quality Control Samples

A soil sample collected within a two-inch by six-inch sample tube or a 6 ounce glass jar contains sufficient volume for both routine sample analysis and additional laboratory QC analyses. Therefore, separate soil samples for laboratory QC purposes were not required.

After a review of the Quality Control reports performed by both laboratories, QA/QC issues were identified.

6.0 DISCUSSION AND RECOMMENDATIONS

In order to provide context to the laboratory analytical results, analytical results were compared to US EPA Regional Screening Limits (RSLs), the Department of Toxic Substances Control (DTSC) Human Health Risk Assessment (HHRA) Program Note 3 modified screening level (DTSC modified screening levels), and/or California Code of Regulations Title 22 limits, as appropriate. In the case where DTSC modified screening levels were applicable, the DTSC modified screening levels were listed in lieu of US EPA RSLs as they represent a lower and more protective value. Please note that due to the unknown future use of the project site, residential screening levels were chosen to provide the most conservative estimate of impacts at the project site.

6.1 Historical Buildings

Historical buildings were analyzed for GRO, VOCs, SVOCs, OCPs, PCBs, total arsenic, and total lead. With the exception of samples collected from the "PEC Building", OCPs were detected at all historical building locations. However, no detections of OCP constituents were above respective screening levels. Given the limited breadth of this investigation and the historic use of OCPs at the Sonoma Developmental Center, EBA recommends further investigation to determine the full extent of OCP impacts to soil.

No historical building samples analyzed for PCBs, VOCs, or SVOCs contained any confirmed detections. However, given the presence of VOCs and SVOCs at other historical areas, as well as the limited scope of this investigation, the potential presence of these COPCs at historical building locations cannot be ruled out.

All historical building samples analyzed for arsenic contained detections that are above the US EPA Residential Screening Level of 0.68 mg/Kg. It should be noted that

although arsenic detections were above the RSL, background concentrations suggest regionally high levels of arsenic. However, one sample from the Walnut Building location contained detections of arsenic at 38.4 mg/Kg, which is generally one order of magnitude higher as compared to other historical buildings at the Sonoma Developmental Center. Further investigation appears warranted to delineate the full extent of arsenic impacts in this area.

Lead was detected in all soil samples collected from historical building locations. Historical buildings which contained detections at or above the residential DTSC modified-screening level include the following: Walnut Building, Chamberlain/CPS Building, Garage Building, Sonoma HSC, Blue Rose, Manzanita/Powerhouse building, and Paxton-Goddard Building. Federally designated Resource Conservation and Recovery Act (RCRA) Hazardous Waste was detected at the Sonoma HSC building in SB-20 which contained lead at a concentration of 2,320 mg/kg. Additionally, the potential presence of Title 22 non-RCRA Hazardous waste was noted in all samples which exceeded 50 mg/kg and could have implications in future redevelopment in a soil disposal scenario. However, such an assessment was outside the scope of this investigation and would require additional analysis by the California-Wet method to determine a Soluble Threshold Limit Concentration (STLC) to compare to Title 22 limits for Non-RCRA Hazardous Waste. Given the widespread lead impacts exceeding both human health based screening levels and RCRA hazardous waste limits, a comprehensive investigation appears warranted to determine the lateral and vertical extent of lead contamination at the Sonoma Developmental Center.

Please refer to Tables 1 through 8 (Appendix B) for more details.

6.2 Historical Areas

Petroleum hydrocarbons were detected in samples collected from the Hazardous Materials Storage Shed, the Fruit Drying shed, the Landscape Maintenance area and the PCB Storage Shed. DRO detections were flagged by the laboratory as heavier hydrocarbons contributing to a diesel range quantitation. Both the Fruit Drying shed as well as the PCB Storage shed contained detections of HRO. Abundant redwood encountered during sample collection and elevated DRO and HRO concentrations (1,240 and 487 mg/Kg, respectively) suggest the potential presence of an underground storage tank (UST) at the Fruit Drying Facility. Other detections of petroleum hydrocarbons (GRO, DRO and HRO) were relatively minor. Further investigation in the vicinity of the Fruit Drying Shed appears warranted.

SVOCs were detected in the Fruit Drying Shed, with benzo (a) anthracene, benzo (a) pyrene, dibenzo (a,h) anthracene, and indeno (1,2,3-CD) pyrene exceeding the US EPA RSLs. Further investigation will be required to determine the extent of SVOC impacts in this area.

No samples analyzed for OCPs contained detections that exceed the US EPA RSLs. However, detections of OCPs indicate the historical use of OCPs at the Sonoma

Developmental Center and given the limited scope of this initial investigation, additional sampling and characterization may be warranted to determine OCPs are not present elsewhere at levels which would prove harmful to human health.

Arsenic was detected above the RSL (0.68 mg/Kg) at the Incinerator, the Hazardous Materials Storage Shed, Sunrise Industries, Pesticide Storage and Landscape maintenance. As mentioned in the previous subsection, regional arsenic levels generally appear high. That being said, several samples from historical areas such as the Hazardous Materials Storage Shed and the Pesticide Storage Shed contain arsenic levels that are significantly higher than typical regional levels. Further investigation is recommended to determine the extent of arsenic impacts in these areas.

Lead was detected in all soil samples collected from the identified RECs sampled during this initial investigation. Historical areas which contained detections at or above the residential DTSC modified-screening level (80 mg/kg) include the following: Hazardous Materials Storage Shed, Fruit Drying Shed, Sunrise Industries, Pesticide Storage Area, and Landscape Maintenance Area. Federally designated Resource Conservation and Recovery Act (RCRA) Hazardous Waste was detected at the Fruit Drying Shed in SB-37 which contained lead at a concentration of 4,640 mg/kg. Additionally, the potential presence of Title 22 non-RCRA Hazardous waste was noted in all samples which exceeded 50 mg/kg and could have implications in future redevelopment in a soil disposal scenario. However, such an assessment was outside the scope of this investigation and would require additional analysis by the California-Wet method to determine the STLC to compare to Title 22 limits for Non-RCRA Hazardous Waste. Given the widespread lead impacts exceeding both human health based screening levels and RCRA hazardous waste limits, a comprehensive investigation appears warranted to determine the lateral and vertical extent of lead contamination at the Sonoma Developmental Center.

Additionally, various CAM 17 metal detections were present in multiple historical areas. Please refer to Table 6 for detailed CAM 17 soil sample analytical results. Although none of these additional CAM 17 metals exceeded their respective screening limits, given the history of the project site, further investigation may be warranted to comprehensively characterize delineation of CAM 17 impacts.

It should be noted that unforeseen access issues to the PCB Storage Shed, as well as conflicting eyewitness reports caused confusion regarding the proper sampling locations. Further investigation of the correct location of the PCB storage shed is warranted to comprehensively delineate the full extent of soil impacts.

6.3 Recommendations

The goal of the work performed was to develop an initial dataset which will be used in the evaluation of the need for further Phase II investigation. Please note that the work performed in this investigation is not considered exhaustive in nature and does not seek to address all the RECs identified in the initial Phase I ESA. A comprehensive

investigation in the areas listed above is warranted in order to delineate the full extent of impacts to soil.

Several RECs identified in the initial Phase II investigation were not investigated during this Phase II Investigation. These areas include several former leaking Underground Storage Tanks (USTs), landfills, and unauthorized release sites. Given the presence of soil impacts in areas investigated and included in this Draft Report, further investigation of RECs not included in this Report is warranted. Please refer to Table C for a comparison of RECs identified in the URS Phase I and RECs investigated by EBA.

Table C

| Recognized Environmental Conditions (RECs) in URS Phase 1 | Initial Assessment Completed ¹ (Y/N) | Need for Additional Investigation (Low/Medium/High/Not Assessed) |
|---|---|--|
| Current Underground Storage Tanks (USTs) | N | Not Assessed |
| Former Hydraulic Lifts | N | Not Assessed |
| Former Leaking UST (Lust) Case | N | Not Assessed |
| Former Leaking UST - Piping Failure | N | Not Assessed |
| Former Leaking UST - 1,000 Gallon Waste Oil | N | Not Assessed |
| Upper Lower Disposal Landfills | N | Not Assessed |
| Former Lower Disposal Landfills | N | Not Assessed |
| Former Wastewater Plant | N | Not Assessed |
| Unauthorized Release - Aluminum Sulfate | N | Not Assessed |
| Unauthorized Release - Aluminum Sulfate Sludge | N | Not Assessed |
| Unauthorized Release - Sewage | N | Not Assessed |
| Unauthorized Release - Pipe Leak | N | Not Assessed |
| Unauthorized Release - Radiological Waste | N | Not Assessed |
| Lead - Historical Buildings | Y | High |
| Lead - Other Historical Areas | Y | High |
| Incinerator (Non-Lead COPCs) | Y | Medium |
| Hazardous Materials Storage Shed (Non-Lead COPCs) | Y | Medium |
| Fruit Drying Shed (Non-Lead COPCs) | Y | High |
| PCB Storage Shed (Non-Lead COPCs) | Y | Medium / High - Incomplete |
| Sunrise Industries (Non-Lead COPCs) i.e. Arsenic and OCPs | Y | Low / Medium |

¹ = 2017 Limited Phase II Investigation

Gray = Not Assessed

Low = Green

Medium = Orange

High = Red

7.0 LIMITATIONS

This Report was prepared in accordance with generally accepted standards of environmental geological practice at the place and time this investigation was performed. This warranty is in lieu of all other warranties, either expressed or implied. This report was prepared solely for the purpose of presenting findings, conclusions and recommendations resulting from shallow soil sampling at the project site. No soil engineering or geotechnical references are implied or should be inferred. Evaluation of the environmental and/or geological conditions at the site for the purpose of this investigation is made from a limited number of observation points. Subsurface conditions may vary away from the data points available. Additional work, including further subsurface investigation, can reduce the inherent uncertainties associated with this type of investigation. This report has been prepared solely for the Client and any reliance on this report by third parties shall be at such party's sole risk.

8.0 REFERENCES

Department of Toxic Substances Control, *Human Health Risk Assessment Note 3*, June 2017.

EBA Engineering, *Work Plan for Limited Phase II Investigation, Sonoma Developmental Center, 15000 Arnold Drive, Eldridge, California*, August 2017

United States Environmental Protection Agency, *Management of Investigation Derived Waste*, July 3, 2014.

United States Environmental Protection Agency, *Regional Screening Levels (RSLs) – Generic Tables*, June 2017.

URS Corporation, *Phase I Environmental Site Assessment – Sonoma Developmental Center, 15000 Arnold Drive, Eldridge, California*, October 28, 2016.

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APPENDIX A

FIGURES

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APPENDIX B

TABLES

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TABLE 1
SHALLOW SOIL SAMPLE ANALYTICAL RESULTS
GASOLINE RANGE ORGANICS (GRO), DIESEL RANGE ORGANICS (DRO), AND HEAVY RANGE ORGANICS (HRO)
SONOMA DEVELOPMENTAL CENTER
15000 ARNOLD DRIVE, ELDRIDGE, CALIFORNIA

| Sample Location | Sample ID | Location Description | Depth (Feet BGS) | Date | GRO | DRO | HRO |
|-------------------|-------------------|---|---------------------|-----------|-------|---------------------|-------|
| | | | | | mg/Kg | mg/Kg | mg/Kg |
| SB-1 | S-COMP-C | Walnut Building | 0.5 | 8/9/2017 | NA | NA | NA |
| SB-2 | | | 0.5 | 8/9/2017 | NA | NA | NA |
| SB-3 | | | 0.5 | 8/9/2017 | NA | NA | NA |
| SB-4 | | | 0.5 | 8/9/2017 | NA | NA | NA |
| SB-5 | S-COMP-D | Oak Lodge Building | 0.5 | 8/9/2017 | NA | NA | NA |
| SB-6 | | | 0.5 | 8/9/2017 | NA | NA | NA |
| SB-7 | | | 0.5 | 8/9/2017 | NA | NA | NA |
| SB-8 | | | 0.5 | 8/9/2017 | NA | NA | NA |
| SB-9 | S-COMP-F | McDougal Building | 0.5 | 8/10/2017 | <1.00 | NA | NA |
| SB-10 | | | 0.5 | 8/10/2017 | | | |
| SB-11 | | | 0.5 | 8/10/2017 | | | |
| SB-12 | | | 0.5 | 8/10/2017 | | | |
| SB-13 | S-COMP-I | Chamberlain/CPS Building | 0.5 | 8/10/2017 | NA | NA | NA |
| SB-14 | | | 0.5 | 8/10/2017 | NA | NA | NA |
| SB-15 | S-COMP-J | Garage Building | 0.5 | 8/10/2017 | NA | NA | NA |
| SB-16 | | | 0.5 | 8/10/2017 | NA | NA | NA |
| SB-17 | S-COMP-E | Sonoma HSC Building | 0.5 | 8/9/2017 | NA | NA | NA |
| SB-18 | | | 0.5 | 8/9/2017 | NA | NA | NA |
| SB-19 | | | 0.5 | 8/9/2017 | NA | NA | NA |
| SB-20 | | | 0.5 | 8/9/2017 | NA | NA | NA |
| SB-21 | S-COMP-G | PEC Building | 0.5 | 8/10/2017 | NA | NA | NA |
| SB-22 | | | 0.5 | 8/10/2017 | NA | NA | NA |
| SB-23 | | | 0.5 | 8/10/2017 | NA | NA | NA |
| SB-24 | | | 0.5 | 8/10/2017 | NA | NA | NA |
| SB-25 | S-COMP-K | Blue Rose Building | 0.5 | 8/10/2017 | NA | NA | NA |
| SB-26 | | | 0.5 | 8/10/2017 | NA | NA | NA |
| SB-27 | | Manzanita Historical Building/Power House | 0.5 | 8/10/2017 | NA | NA | NA |
| SB-28 | | | 0.5 | 8/10/2017 | NA | NA | NA |
| SB-29 | S-COMP-H | Paxton-Goddard Building | 0.5 | 8/10/2017 | NA | NA | NA |
| SB-30 | | | 0.5 | 8/10/2017 | NA | NA | NA |
| SB-31 | | | 0.5 | 8/10/2017 | NA | NA | NA |
| SB-32 | | | 0.5 | 8/10/2017 | NA | NA | NA |
| SB-33 | S-SB-33-6" | Incinerator | 0.5 | 8/8/2017 | <1.00 | <10.0 | <10.0 |
| SB-34 | S-SB-34-6" | | 0.5 | 8/8/2017 | <1.00 | <10.0 | <10.0 |
| SB-35 | S-SB-35-6" | Hazardous Materials Storage Shed | 0.5 | 8/8/2017 | <1.00 | 26.3 ^{AN} | <10.0 |
| SB-36 | S-SB-36-6" | | 0.5 | 8/8/2017 | <1.00 | <10.0 | <10.0 |
| SB-37 | S-SB-37-6" | Fruit Drying Shed | 0.5 | 8/9/2017 | <1.00 | 1,240 ^{AC} | 487 |
| SB-38 | S-SB-38-12" (1) | | 1 | 8/9/2017 | <1.00 | <10.0 | <10.0 |
| SB-39 | S-SB-39-6" | PCB Storage Shed | 0.5 | 8/9/2017 | <1.00 | 21.4 ^{AC} | 41.4 |
| SB-40 | S-SB-40-6" | | 0.5 | 8/9/2017 | <1.00 | <10.0 | <10.0 |
| SB-41 | S-SB-41-6" | | 0.5 | 8/9/2017 | <1.00 | <10.0 | <10.0 |
| SB-42 | S-SB-42-6" | | 0.5 | 8/9/2017 | <1.00 | <10.0 | <10.0 |
| SB-43 | S-COMP-A | Sunrise Industries | 0.5 | 8/8/2017 | NA | NA | NA |
| SB-44 | | | 0.5 | 8/8/2017 | NA | NA | NA |
| SB-45 | | | 0.5 | 8/8/2017 | NA | NA | NA |
| SB-46 | | | 0.5 | 8/8/2017 | NA | NA | NA |
| SB-47 | S-COMP-B | | 0.5 | 8/8/2017 | NA | NA | NA |
| SB-48 | | | 0.5 | 8/8/2017 | NA | NA | NA |
| SB-49 | | | 0.5 | 8/8/2017 | NA | NA | NA |
| SB-50 | | | 0.5 | 8/8/2017 | NA | NA | NA |
| SB-51 | S-SB-51-6" | Background Sample | 0.5 | 8/8/2017 | NA | NA | NA |
| SB-52 | S-SB-52-6" | Pesticide Storage | 0.5 | 8/8/2017 | NA | NA | NA |
| SB-53 | S-SB-53-6" | | 0.5 | 8/8/2017 | NA | NA | NA |
| SB-54 | S-SB-54-6" | | 0.5 | 8/8/2017 | NA | NA | NA |
| SB-55 | S-SB-55-6" | | 0.5 | 8/8/2017 | NA | NA | NA |
| SB-56 | S-SB-56-6" | Landscape Maintenance | 0.5 | 8/8/2017 | <1.00 | <10.0 | <10.0 |
| SB-57 | S-SB-57-6" | | 0.5 | 8/8/2017 | <1.00 | 35 ^{AN} | <10.0 |
| SB-49 | S-BLIND DUPLICATE | Sunrise Industries | 0.5 | 8/8/2017 | NA | NA | NA |
| SB-19 | BLIND DUPLICATE-2 | Sonoma HSC | 0.5 | 8/9/2017 | NA | NA | NA |
| SB-28 | BLIND DUPLICATE-3 | Manzanita | 0.5 | 8/10/2017 | NA | NA | NA |
| EQUIPMENT BLANK | | NA | NA | 8/8/2017 | NA | NA | NA |
| EQUIPMENT BLANK-2 | | NA | NA | 8/9/2017 | NA | NA | NA |
| EQUIPMENT BLANK-3 | | NA | NA | 8/10/2017 | NA | NA | NA |

mg/Kg = Milligram per Kilogram

BGS = Below Ground Surface

NA = Not Analyzed / Not Applicable

^{AN} = Unknown hydrocarbon with several peaks.

^{AC} = Heavier hydrocarbon contributing to diesel range quantitation.

(1) = Sample S-SB-38-12" was collected from a 12" depth due to the abundance of redwood.

**TABLE 2
SHALLOW SOIL SAMPLE ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS (VOCs)
SONOMA DEVELOPMENTAL CENTER
15000 ARNOLD DRIVE, ELDRIDGE, CALIFORNIA**

| Sample Location | Sample ID | Location Description | Depth (Feet BGS) | Date | Volatile Organic Compounds (VOCs) | |
|--------------------|----------------------------|---|---------------------|-----------|-----------------------------------|------------|
| | | | | | 4-Isopropyltoluene | Other VOCs |
| | | | | | µg/Kg | |
| SB-1 | S-COMP-C | Walnut Building | 0.5 | 8/9/2017 | NA | NA |
| SB-2 | | | 0.5 | 8/9/2017 | NA | NA |
| SB-3 | | | 0.5 | 8/9/2017 | NA | NA |
| SB-4 | | | 0.5 | 8/9/2017 | NA | NA |
| SB-5 | S-COMP-D | Oak Lodge Building | 0.5 | 8/9/2017 | NA | NA |
| SB-6 | | | 0.5 | 8/9/2017 | NA | NA |
| SB-7 | | | 0.5 | 8/9/2017 | NA | NA |
| SB-8 | | | 0.5 | 8/9/2017 | NA | NA |
| SB-9 | S-COMP-F | McDougal Building | 0.5 | 8/10/2017 | <1.28 | ND |
| SB-10 | | | 0.5 | 8/10/2017 | | |
| SB-11 | | | 0.5 | 8/10/2017 | | |
| SB-12 | | | 0.5 | 8/10/2017 | | |
| SB-13 | S-COMP-I | Chamberlain/CPS Building | 0.5 | 8/10/2017 | NA | NA |
| SB-14 | | | 0.5 | 8/10/2017 | NA | NA |
| SB-15 | S-COMP-J | Garage Building | 0.5 | 8/10/2017 | NA | NA |
| SB-16 | | | 0.5 | 8/10/2017 | NA | NA |
| SB-17 | S-COMP-E | Sonoma HSC Building | 0.5 | 8/9/2017 | NA | NA |
| SB-18 | | | 0.5 | 8/9/2017 | NA | NA |
| SB-19 | | | 0.5 | 8/9/2017 | NA | NA |
| SB-20 | | | 0.5 | 8/9/2017 | NA | NA |
| SB-21 | S-COMP-G | PEC Building | 0.5 | 8/10/2017 | NA | NA |
| SB-22 | | | 0.5 | 8/10/2017 | NA | NA |
| SB-23 | | | 0.5 | 8/10/2017 | NA | NA |
| SB-24 | | | 0.5 | 8/10/2017 | NA | NA |
| SB-25 | S-COMP-K | Blue Rose Building | 0.5 | 8/10/2017 | NA | NA |
| SB-26 | | | 0.5 | 8/10/2017 | NA | NA |
| SB-27 | | Manzanita Historical Building/Power House | 0.5 | 8/10/2017 | NA | NA |
| SB-28 | | | 0.5 | 8/10/2017 | NA | NA |
| SB-29 | S-COMP-H | Paxton-Goddard | 0.5 | 8/10/2017 | NA | NA |
| SB-30 | | | 0.5 | 8/10/2017 | NA | NA |
| SB-31 | | | 0.5 | 8/10/2017 | NA | NA |
| SB-32 | | | 0.5 | 8/10/2017 | NA | NA |
| SB-33 | S-SB-33-6" | Incinerator | 0.5 | 8/8/2017 | <1.64 | ND |
| SB-34 | S-SB-34-6" | | 0.5 | 8/8/2017 | <1.32 | ND |
| SB-35 | S-SB-35-6" | Hazardous Materials Storage Shed | 0.5 | 8/8/2017 | 1.62 | ND |
| SB-36 | S-SB-36-6" | | 0.5 | 8/8/2017 | <1.78 | ND |
| SB-37 | S-SB-37-6" | Fruit Drying Shed | 0.5 | 8/9/2017 | <1.64 | ND |
| SB-38 | S-SB-38-12" ⁽¹⁾ | | 1 | 8/9/2017 | <1.81 | ND |
| SB-39 | S-SB-39-6" | PCB Storage Shed | 0.5 | 8/9/2017 | <1.55 | ND |
| SB-40 | S-SB-40-6" | | 0.5 | 8/9/2017 | <1.75 | ND |
| SB-41 | S-SB-41-6" | | 0.5 | 8/9/2017 | <1.81 | ND |
| SB-42 | S-SB-42-6" | | 0.5 | 8/9/2017 | <1.62 | ND |
| SB-43 | S-COMP-A | Sunrise Industries | 0.5 | 8/8/2017 | NA | NA |
| SB-44 | | | 0.5 | 8/8/2017 | NA | NA |
| SB-45 | | | 0.5 | 8/8/2017 | NA | NA |
| SB-46 | | | 0.5 | 8/8/2017 | NA | NA |
| SB-47 | S-COMP-B | Sunrise Industries | 0.5 | 8/8/2017 | NA | NA |
| SB-48 | | | 0.5 | 8/8/2017 | NA | NA |
| SB-49 | | | 0.5 | 8/8/2017 | NA | NA |
| SB-50 | | | 0.5 | 8/8/2017 | NA | NA |
| SB-51 | S-SB-51-6" | Background Sample | 0.5 | 8/8/2017 | NA | NA |
| SB-52 | S-SB-52-6" | Pesticide Storage | 0.5 | 8/8/2017 | NA | NA |
| SB-53 | S-SB-53-6" | | 0.5 | 8/8/2017 | NA | NA |
| SB-54 | S-SB-54-6" | | 0.5 | 8/8/2017 | NA | NA |
| SB-55 | S-SB-55-6" | | 0.5 | 8/8/2017 | NA | NA |
| SB-56 | S-SB-56-6" | Landscape Maintenance | 0.5 | 8/8/2017 | <1.41 | ND |
| SB-57 | S-SB-57-6" | | 0.5 | 8/8/2017 | <1.28 | ND |
| SB-49 | S-BLIND DUPLICATE | Sunrise Industries | 0.5 | 8/8/2017 | NA | NA |
| SB-19 | BLIND DUPLICATE-2 | Sonoma HSC | 0.5 | 8/9/2017 | NA | NA |
| SB-28 | BLIND DUPLICATE-3 | Manzanita | 0.5 | 8/10/2017 | NA | NA |
| EQUIPMENT BLANK | | NA | NA | 8/8/2017 | NA | NA |
| EQUIPMENT BLANK- 2 | | NA | NA | 8/9/2017 | NA | NA |
| EQUIPMENT BLANK-3 | | NA | NA | 8/10/2017 | NA | NA |

NA = Not Analyzed / Not Applicable

ND = Non Detect. Please refer to individual lab reports for respective reporting limits.

BGS = Below Ground Surface

(1) = Sample S-SB-38-12" was collected from a 12" depth due to the abundance of redwood.

**TABLE 3
SHALLOW SOIL SAMPLE ANALYTICAL RESULTS
SEMI VOLATILE ORGANIC COMPOUNDS (SVOCs)
SONOMA DEVELOPMENTAL CENTER
15000 ARNOLD DRIVE, ELDRIDGE, CALIFORNIA**

| Sample Location | Sample ID | Sample Location | Depth (Feet BGS) | Date | Acenaphthylene | Anthracene | Benzo (a) Anthracene | Benzo (b) fluoranthene | Benzo (k) fluoranthene | Benzo (a) pyrene | Benzo (g,h,i) perylene | Bis (2-ethylhexyl) phthalate | Chrysene | Dibenzo (a,h) anthracene | indeno (1,2,3-CD) pyrene | Phenanthrene | Pyrene | Other SVOCs | | |
|-------------------------|------------|---|---------------------|-----------|----------------|------------|----------------------|------------------------|------------------------|------------------|------------------------|------------------------------|----------|--------------------------|--------------------------|--------------|---------|-------------|----|----|
| EPA RSLs ⁽²⁾ | | | | | --- | 1,800,000 | 1,100 | 1,100 | 11,000 | 110 | --- | 3,900 | 110,000 | 110 | 1,100 | --- | 180,000 | NA | | |
| SB-1 | S-COMP-C | Walnut Building | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-2 | | | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-3 | | | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-4 | | | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-5 | S-COMP-D | Oak Lodge | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-6 | | | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-7 | | | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-8 | | | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-9 | S-COMP-F | McDougal | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-10 | | | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-11 | | | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-12 | | | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-13 | S-COMP-I | Chamberlain/CPS | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-14 | | | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-15 | S-COMP-J | Garage | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-16 | | | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-17 | S-COMP-E | Sonoma HSC | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-18 | | | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-19 | | | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-20 | | | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-21 | S-COMP-G | PEC | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-22 | | | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-23 | | | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-24 | | | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-25 | S-COMP-K | Blue Rose | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-26 | | | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-27 | | Manzanita Historical Building/Power House | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-28 | | | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-29 | S-COMP-H | Paxton-Goddard | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-30 | | | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-31 | | | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-32 | | | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-33 | S-SB-33-6* | Incinerator | 0.5 | 8/8/2017 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | ND | | |
| SB-34 | S-SB-34-6* | | 0.5 | 8/8/2017 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | ND | | |

**TABLE 3
SHALLOW SOIL SAMPLE ANALYTICAL RESULTS
SEMI VOLATILE ORGANIC COMPOUNDS (SVOCs)
SONOMA DEVELOPMENTAL CENTER
15000 ARNOLD DRIVE, ELDRIDGE, CALIFORNIA**

| Sample Location | Sample ID | Sample Location | Depth (Feet BGS) | Date | Acenaphthylene | Anthracene | Benzo (a) Anthracene | Benzo (b) fluoranthene | Benzo (k) fluoranthene | Benzo (a) pyrene | Benzo (g,h,i) perylene | Bis (2-ethylhexyl) phthalate | Chrysene | Dibenzo (a,h) anthracene | indeno (1,2,3-CD) pyrene | Phenanthrene | Pyrene | Other SVOCs | | |
|-------------------------|----------------------------|----------------------------------|---------------------|-----------|----------------|--------------|----------------------|------------------------|------------------------|------------------|------------------------|------------------------------|------------|--------------------------|--------------------------|--------------|--------------|-------------|------|----|
| EPA RSLs ⁽²⁾ | | | | | --- | 1,800,000 | 1,100 | 1,100 | 11,000 | 110 | --- | 3,900 | 110,000 | 110 | 1,100 | --- | 180,000 | NA | | |
| | | | | | µg/Kg | | | | | | | | | | | | | | | |
| SB-35 | S-SB-35-6" | Hazardous Materials Storage Shed | 0.5 | 8/8/2017 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | ND | |
| SB-36 | S-SB-36-6" | | 0.5 | 8/8/2017 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | ND |
| SB-37 | S-SB-37-6" | Fruit Drying Shed | 0.5 | 8/9/2017 | 6,960 | 2,380 | 1,210 | 425 | 602 | 673 | 3,440 | <330 | 772 | 565 | 2,390 | 1,750 | 1,000 | ND | | |
| SB-38 | S-SB-38-12" ⁽¹⁾ | | 1 | 8/9/2017 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | ND |
| SB-39 | S-SB-39-6" | PCB Storage Shed | 0.5 | 8/9/2017 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | ND | |
| SB-40 | S-SB-40-6" | | 0.5 | 8/9/2017 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | ND |
| SB-41 | S-SB-41-6" | | 0.5 | 8/9/2017 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | ND |
| SB-42 | S-SB-42-6" | | 0.5 | 8/9/2017 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | ND |
| SB-43 | S-COMP-A | Sunrise Industries | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-44 | | | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-45 | | | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-46 | | | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-47 | S-COMP-B | | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-48 | | | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-49 | | | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-50 | | | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-51 | S-SB-51-6" | Background Sample | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-52 | S-SB-52-6" | Pesticide Storage | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-53 | S-SB-53-6" | | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-54 | S-SB-54-6" | | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-55 | S-SB-55-6" | | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-56 | S-SB-56-6" | Landscape Maintenance | 0.5 | 8/8/2017 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | ND |
| SB-57 | S-SB-57-6" | | 0.5 | 8/8/2017 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | 380 | <330 | <330 | <330 | <330 | <330 | <330 | <330 | ND |
| SB-49 | S-BLIND DUPLICATE | Sunrise Industries | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-19 | BLIND DUPLICATE-2 | Sonoma HSC | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-28 | BLIND DUPLICATE-3 | Manzanita | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| EQUIPMENT BLANK | | NA | NA | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| EQUIPMENT BLANK 2 | | NA | NA | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| EQUIPMENT BLANK 3 | | NA | NA | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |

µg/L = micrograms per liter
 BGS = Below Ground Surface
 NA = Not Analyzed / Not Applicable
 ND = Non Detect. Please refer to individual lab reports for respective reporting limits
 (1) = Sample S-SB-38-12" was collected from a 12" depth due to the abundance of redwood.
 (2) = US Environmental Protection Agency Regional Screening Levels (RSLs), June 2017

**TABLE 4
SHALLOW SOIL SAMPLE ANALYTICAL RESULTS
ORGANOCHLORINE PESTICIDES (OCPs)
SONOMA DEVELOPMENTAL CENTER
15000 ARNOLD DRIVE, ELDRIDGE, CALIFORNIA**

| Sample Location | Sample ID | Sample Location | Depth | Date | Alpha-BHC | Beta BHC | Gamma-BHC | Heptachlor | Delta-BHC | Aldrin | Heptachlor Epoxide | Endosulfan I | 4,4'-DDE | Dieldrin | Endrin | 4,4'-DDD | Endosulfan II | 4,4'-DDT | Endrin Aldehyde | Endosulfan Sulfate | Methoxychlor | Chlordane | Toxaphene | |
|----------------------------|----------------------------|----------------------------------|-----------|-----------|-----------|----------|-----------|------------|-----------|--------|--------------------|--------------|----------|----------|--------|----------|---------------|----------|-----------------|--------------------|--------------|--------------------|-----------|-------|
| | | | | | µg/Kg | | | | | | | | | | | | | | | | | | | |
| US EPA RSLs ⁽²⁾ | | | | | 86 | 300 | 570 | 130 | --- | 39 | 70 | --- | 2,000 | 34 | 1,900 | 2,300 | --- | 1,900 | --- | --- | 3,200 | 440 ⁽¹⁾ | 490 | |
| SB-1 | S-Comp-C | Walnut Building | 0.5 | 8/9/2017 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | 12.3 | <2.00 | <2.00 | 11.4 | <2.00 | 25.3 | <2.00 | <2.00 | <2.00 | <2.00 | 69.4 | <12.5 |
| SB-2 | | | 0.5 | 8/9/2017 | | | | | | | | | | | | | | | | | | | | |
| SB-3 | | | 0.5 | 8/9/2017 | | | | | | | | | | | | | | | | | | | | |
| SB-4 | | | 0.5 | 8/9/2017 | | | | | | | | | | | | | | | | | | | | |
| SB-5 | S-Comp-D | Oak Lodge | 0.5 | 8/9/2017 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | 3.81 | <12.5 |
| SB-6 | | | 0.5 | 8/9/2017 | | | | | | | | | | | | | | | | | | | | |
| SB-7 | | | 0.5 | 8/9/2017 | | | | | | | | | | | | | | | | | | | | |
| SB-8 | | | 0.5 | 8/9/2017 | | | | | | | | | | | | | | | | | | | | |
| SB-9 | S-Comp-F | McDougal | 0.5 | 8/10/2017 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | 9.50 | <12.5 |
| SB-10 | | | 0.5 | 8/10/2017 | | | | | | | | | | | | | | | | | | | | |
| SB-11 | | | 0.5 | 8/10/2017 | | | | | | | | | | | | | | | | | | | | |
| SB-12 | | | 0.5 | 8/10/2017 | | | | | | | | | | | | | | | | | | | | |
| SB-13 | S-Comp-I | Chamberlain/CPS | 0.5 | 8/10/2017 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | 2.92 | <2.00 | <2.00 | 2.82 | <2.00 | 6.79 | <2.00 | <2.00 | <2.00 | 58.2 | <12.5 | |
| SB-14 | | | 0.5 | 8/10/2017 | | | | | | | | | | | | | | | | | | | | |
| SB-15 | S-Comp-J | Garage | 0.5 | 8/10/2017 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | 4.30 | <2.00 | <2.00 | 3.54 | <2.00 | 6.17 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <12.5 |
| SB-16 | | | 0.5 | 8/10/2017 | | | | | | | | | | | | | | | | | | | | |
| SB-17 | S-Comp-E | Sonoma HSC | 0.5 | 8/9/2017 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | 2.67 | <2.00 | 40.0 | <2.00 | <2.00 | 20.9 | <2.00 | 52.4 | <2.00 | <2.00 | <2.00 | <2.00 | 255 | <12.5 |
| SB-18 | | | 0.5 | 8/9/2017 | | | | | | | | | | | | | | | | | | | | |
| SB-19 | | | 0.5 | 8/9/2017 | | | | | | | | | | | | | | | | | | | | |
| SB-20 | | | 0.5 | 8/9/2017 | | | | | | | | | | | | | | | | | | | | |
| SB-21 | S-Comp-G | PEC | 0.5 | 8/10/2017 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <12.5 |
| SB-22 | | | 0.5 | 8/10/2017 | | | | | | | | | | | | | | | | | | | | |
| SB-23 | | | 0.5 | 8/10/2017 | | | | | | | | | | | | | | | | | | | | |
| SB-24 | | | 0.5 | 8/10/2017 | | | | | | | | | | | | | | | | | | | | |
| SB-25 | S-Comp-K | Blue Rose | 0.5 | 8/10/2017 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | 114 | <12.5 | |
| SB-26 | | 0.5 | 8/10/2017 | | | | | | | | | | | | | | | | | | | | | |
| SB-27 | | 0.5 | 8/10/2017 | | | | | | | | | | | | | | | | | | | | | |
| SB-28 | | 0.5 | 8/10/2017 | | | | | | | | | | | | | | | | | | | | | |
| SB-29 | S-Comp-H | Paxton-Goddard | 0.5 | 8/10/2017 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | 45.4 | <12.5 | |
| SB-30 | | | 0.5 | 8/10/2017 | | | | | | | | | | | | | | | | | | | | |
| SB-31 | | | 0.5 | 8/10/2017 | | | | | | | | | | | | | | | | | | | | |
| SB-32 | | | 0.5 | 8/10/2017 | | | | | | | | | | | | | | | | | | | | |
| SB-33 | S-SB-33-6" | Incinerator | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-34 | S-SB-34-6" | | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-35 | S-SB-35-6" | Hazardous Materials Storage Shed | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-36 | S-SB-36-6" | | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-37 | S-SB-37-6" | Fruit Drying Shed | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-38 | S-SB-38-12" ⁽¹⁾ | | 1 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-39 | S-SB-39-6" | PCB Storage Shed | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-40 | S-SB-40-6" | | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-41 | S-SB-41-6" | | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-42 | S-SB-42-6" | | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-43 | S-Comp-A | Sunrise Industries | 0.5 | 8/8/2017 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <12.5 |
| SB-44 | | | 0.5 | 8/8/2017 | | | | | | | | | | | | | | | | | | | | |
| SB-45 | | | 0.5 | 8/8/2017 | | | | | | | | | | | | | | | | | | | | |
| SB-46 | | | 0.5 | 8/8/2017 | | | | | | | | | | | | | | | | | | | | |
| SB-47 | S-Comp-B | Sunrise Industries | 0.5 | 8/8/2017 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <12.5 | |
| SB-48 | | | 0.5 | 8/8/2017 | | | | | | | | | | | | | | | | | | | | |
| SB-49 | | | 0.5 | 8/8/2017 | | | | | | | | | | | | | | | | | | | | |
| SB-50 | | | 0.5 | 8/8/2017 | | | | | | | | | | | | | | | | | | | | |
| SB-51 | S-SB-51-6" | Background Sample | 0.5 | 8/8/2017 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <12.5 | |

TABLE 4
 SHALLOW SOIL SAMPLE ANALYTICAL RESULTS
 ORGANOCHLORINE PESTICIDES (OCPs)
 SONOMA DEVELOPMENTAL CENTER
 15000 ARNOLD DRIVE, ELDRIDGE, CALIFORNIA

| Sample Location | Sample ID | Sample Location | Depth | Date | Alpha-BHC | Beta BHC | Gamma-BHC | Heptachlor | Delta-BHC | Aldrin | Heptachlor Epoxide | Endosulfan I | 4,4'-DDE | Dieldrin | Endrin | 4,4'-DDD | Endosulfan II | 4,4'-DDT | Endrin Aldehyde | Endosulfan Sulfate | Methoxychlor | Chlordane | Toxaphene | |
|----------------------------|-------------------|-----------------------|-------|-----------|-----------|----------|-----------|------------|-----------|--------|--------------------|--------------|----------|----------|--------|----------|---------------|----------|-----------------|--------------------|--------------|--------------------|-----------|-------|
| | | | | | µg/Kg | | | | | | | | | | | | | | | | | | | |
| US EPA RSLs ⁽²⁾ | | | | | 86 | 300 | 570 | 130 | --- | 39 | 70 | --- | 2,000 | 34 | 1,900 | 2,300 | --- | 1,900 | --- | --- | 3,200 | 440 ⁽¹⁾ | 490 | |
| SB-52 | S-SB-52-6" | Pesticide Storage | 0.5 | 8/8/2017 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <12.5 |
| SB-53 | S-SB-53-6" | | 0.5 | 8/8/2017 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <12.5 |
| SB-54 | S-SB-54-6" | | 0.5 | 8/8/2017 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <12.5 |
| SB-55 | S-SB-55-6" | | 0.5 | 8/8/2017 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | 6.34 | <2.00 | <2.00 | 6.41 | <2.00 | 14.9 | <2.00 | <2.00 | <2.00 | <2.00 | 36.1 |
| SB-56 | S-SB-56-6" | Landscape Maintenance | 0.5 | 8/8/2017 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | 7.70 | <12.5 |
| SB-57 | S-SB-57-6" | | 0.5 | 8/8/2017 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | 5.09 | 9.55 | <2.00 | 4.43 | <2.00 | 9.36 | <12.5 |
| SB-49 | S-BLIND DUPLICATE | Sunrise Industries | 0.5 | 8/8/2017 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <12.5 |
| SB-19 | BLIND DUPLICATE-2 | Sonoma HSC | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-28 | BLIND DUPLICATE-3 | Manzanita | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| EQUIPMENT BLANK | | NA | NA | 8/8/2017 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <12.5 |
| EQUIPMENT BLANK-2 | | NA | NA | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| EQUIPMENT BLANK-3 | | NA | NA | 8/10/2017 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <2.00 | <12.5 |

µg/Kg = micrograms per kilogram
 BGS = Below Ground Surface
 NA = Not Analyzed / Not Applicable
 ND = Non Detect. Please refer to individual lab reports for respective reporting limits
 (1) = Sample S-SB-38-12" was collected from a 12" depth due to the abundance of redwood.
 (2) = US Environmental Protection Agency Regional Screening Levels (RSLs), June 2017

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**TABLE 5
SHALLOW SOIL SAMPLE ANALYTICAL RESULTS
POLYCHLORINATED BIPHENYLS
SONOMA DEVELOPMENTAL CENTER
15000 ARNOLD DRIVE, ELDRIDGE, CALIFORNIA**

| Sample Location | Sample ID | Sample Location | Depth (Feet BGS) | Date | AROCLOR | AROCLOR | AROCLOR | AROCLOR | AROCLOR | AROCLOR | AROCLOR |
|-------------------|-------------------|---|---------------------|-----------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | 1016 | 1221 | 1232 | 1242 | 1248 | 1254 | 1260 |
| µg/Kg | | | | | | | | | | | |
| SB-1 | S-COMP-C | Walnut Building | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-2 | | | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-3 | | | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-4 | | | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-5 | S-COMP-D | Oak Lodge | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-6 | | | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-7 | | | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-8 | | | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-9 | S-COMP-F | McDougal | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-10 | | | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-11 | | | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-12 | | | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-13 | S-COMP-I | Chamberlain/CPS | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-14 | | | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-15 | S-COMP-J | Garage | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-16 | | | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-17 | S-COMP-E | Sonoma HSC | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-18 | | | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-19 | | | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-20 | | | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-21 | S-COMP-G | PEC | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-22 | | | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-23 | | | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-24 | | | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-25 | S-COMP-K | Blue Rose | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-26 | | | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-27 | S-COMP-K | Manzanita Historical Building/Power House | 0.5 | 8/10/2017 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 |
| SB-28 | | | 0.5 | 8/10/2017 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 |
| SB-29 | S-COMP-H | Paxton-Goddard | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-30 | | | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-31 | | | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-32 | | | 0.5 | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-33 | S-SB-33-6" | Incinerator | 0.5 | 8/8/2017 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 |
| SB-34 | S-SB-34-6" | | 0.5 | 8/8/2017 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 |
| SB-35 | S-SB-35-6" | Hazardous Materials Storage Shed | 0.5 | 8/8/2017 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 |
| SB-36 | S-SB-36-6" | | 0.5 | 8/8/2017 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 |
| SB-37 | S-SB-37-6" | Fruit Drying Shed | 0.5 | 8/9/2017 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 |
| SB-38 | S-SB-38-12" (1) | | 1 | 8/9/2017 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 |
| SB-39 | S-SB-39-6" | PCB Storage Shed | 0.5 | 8/9/2017 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 |
| SB-40 | S-SB-40-6" | | 0.5 | 8/9/2017 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 |
| SB-41 | S-SB-41-6" | | 0.5 | 8/9/2017 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 |
| SB-42 | S-SB-42-6" | | 0.5 | 8/9/2017 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 |
| SB-43 | S-COMP-A | Sunrise Industries | 0.5 | 8/8/2017 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 |
| SB-44 | | | 0.5 | 8/8/2017 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 |
| SB-45 | | | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-46 | | | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-47 | S-COMP-B | Sunrise Industries | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-48 | | | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-49 | | | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-50 | | | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-51 | S-SB-51-6" | Background Sample | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-52 | S-SB-52-6" | Pesticide Storage | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-53 | S-SB-53-6" | | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-54 | S-SB-54-6" | | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-55 | S-SB-55-6" | | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-56 | S-SB-56-6" | Landscape Maintenance | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-57 | S-SB-57-6" | | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-49 | S-BLIND DUPLICATE | Sunrise Industries | 0.5 | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-19 | BLIND DUPLICATE-2 | Sonoma HSC | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA |
| SB-28 | BLIND DUPLICATE-3 | Manzanita | 0.5 | 8/10/2017 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 | <25.0 |
| EQUIPMENT BLANK | | NA | NA | 8/8/2017 | NA | NA | NA | NA | NA | NA | NA |
| EQUIPMENT BLANK-2 | | NA | NA | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA |
| EQUIPMENT BLANK-3 | | NA | NA | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA |

µg/Kg = micrograms per kilogram
BGS = Below Ground Surface
NA = Not Analyzed / Not Applicable
ND = Non Detect. Please refer to individual lab reports for respective reporting limits
(1) = Sample S-SB-38-12" was collected from a 12" depth due to the abundance of redwood.

TABLE 6
SHALLOW SOIL SAMPLE ANALYTICAL RESULTS
CAM 17 METALS AND NITRATE
SONOMA DEVELOPMENTAL CENTER
15000 ARNOLD DRIVE, ELDRIDGE, CALIFORNIA

| Sample Location | Sample ID | Sample Location | Depth | Date | TITLE 22 METALS | | | | | | | | | | | | | | | | | Nitrate | | | |
|---------------------------------|------------|---|-------|-----------|-----------------|---------|--------|-----------|---------|----------|--------|--------|------|---------|------------|--------|----------|--------|----------|----------|--------|---------|----|----|----|
| | | | | | Antimony | Arsenic | Barium | Beryllium | Cadmium | Chromium | Cobalt | Copper | Lead | Mercury | Molybdenum | Nickel | Selenium | Silver | Thallium | Vanadium | Zinc | | | | |
| USA EPA RSLs ⁽²⁾ | | | | | 3.1 | 0.68 | 1,500 | 160 | 71 | 120,000 | 23 | 3,100 | 400 | 11 | 390 | --- | 390 | 390 | --- | 390 | 23,000 | 13,000 | | | |
| DTSC HHRA Note 3 ⁽³⁾ | | | | | --- | --- | --- | --- | --- | --- | --- | --- | 80 | 1.0 | --- | --- | --- | --- | --- | --- | --- | --- | | | |
| SB-1 | S-COMP-C | Walnut Building | 0.5 | 8/9/2017 | NA | 8.75 | NA | NA | NA | NA | NA | NA | 727 | NA | NA | NA | NA | NA | NA | NA | NA | NA | | | |
| SB-2 | | | 0.5 | 8/9/2017 | NA | 7.05 | NA | NA | NA | NA | NA | NA | NA | 140 | NA | NA | NA | NA | NA | NA | NA | NA | NA | | |
| SB-3 | | | 0.5 | 8/9/2017 | NA | 38.4 | NA | NA | NA | NA | NA | NA | NA | 228 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-4 | | | 0.5 | 8/9/2017 | NA | 9.49 | NA | NA | NA | NA | NA | NA | NA | 101 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-5 | S-COMP-D | Oak Lodge | 0.5 | 8/9/2017 | NA | 4.34 | NA | NA | NA | NA | NA | NA | 21.3 | NA | NA | NA | NA | NA | NA | NA | NA | NA | | | |
| SB-6 | | | 0.5 | 8/9/2017 | NA | 3.68 | NA | NA | NA | NA | NA | NA | 38.6 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | |
| SB-7 | | | 0.5 | 8/9/2017 | NA | 3.54 | NA | NA | NA | NA | NA | NA | NA | 39.6 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-8 | | | 0.5 | 8/9/2017 | NA | 3.58 | NA | NA | NA | NA | NA | NA | NA | 39.4 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-9 | S-COMP-F | McDougal | 0.5 | 8/10/2017 | NA | 3.46 | NA | NA | NA | NA | NA | NA | 12.6 | NA | NA | NA | NA | NA | NA | NA | NA | NA | | | |
| SB-10 | | | 0.5 | 8/10/2017 | NA | 4.11 | NA | NA | NA | NA | NA | NA | 52.9 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | |
| SB-11 | | | 0.5 | 8/10/2017 | NA | 2.99 | NA | NA | NA | NA | NA | NA | NA | 45.8 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-12 | | | 0.5 | 8/10/2017 | NA | 4.12 | NA | NA | NA | NA | NA | NA | NA | 20.0 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-13 | S-COMP-I | Chamberlain/CPS | 0.5 | 8/10/2017 | NA | 3.55 | NA | NA | NA | NA | NA | NA | 127 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | |
| SB-14 | | | 0.5 | 8/10/2017 | NA | 3.87 | NA | NA | NA | NA | NA | NA | 276 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | |
| SB-15 | S-COMP-J | Garage | 0.5 | 8/10/2017 | NA | 3.27 | NA | NA | NA | NA | NA | NA | 28.3 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | |
| SB-16 | | | 0.5 | 8/10/2017 | NA | 3.06 | NA | NA | NA | NA | NA | NA | 223 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-17 | S-COMP-E | Sonoma HSC | 0.5 | 8/9/2017 | NA | 5.90 | NA | NA | NA | NA | NA | NA | 126 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | |
| SB-18 | | | 0.5 | 8/9/2017 | NA | 11.4 | NA | NA | NA | NA | NA | NA | 516 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-19 | | | 0.5 | 8/9/2017 | NA | 18.8 | NA | NA | NA | NA | NA | NA | NA | 861 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-20 | | | 0.5 | 8/9/2017 | NA | 8.86 | NA | NA | NA | NA | NA | NA | NA | 2,320 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-21 | S-COMP-G | PEC | 0.5 | 8/10/2017 | NA | 2.91 | NA | NA | NA | NA | NA | NA | 78.9 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | |
| SB-22 | | | 0.5 | 8/10/2017 | NA | 3.84 | NA | NA | NA | NA | NA | NA | 21.4 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-23 | | | 0.5 | 8/10/2017 | NA | <2.50 | NA | NA | NA | NA | NA | NA | NA | 68.9 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-24 | | | 0.5 | 8/10/2017 | NA | 4.17 | NA | NA | NA | NA | NA | NA | NA | 13.5 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| SB-25 | S-COMP-K | Blue Rose | 0.5 | 8/10/2017 | NA | 9.93 | NA | NA | NA | NA | NA | NA | 150 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | |
| SB-26 | | | 0.5 | 8/10/2017 | NA | 4.08 | NA | NA | NA | NA | NA | NA | 72.6 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-27 | | Manzanita Historical Building/Power House | 0.5 | 8/10/2017 | NA | 10.4 | NA | NA | NA | NA | NA | NA | 190 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-28 | | | 0.5 | 8/10/2017 | NA | 16.3 | NA | NA | NA | NA | NA | NA | 250 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-29 | S-COMP-H | Paxton-Goddard | 0.5 | 8/10/2017 | NA | 3.74 | NA | NA | NA | NA | NA | NA | 69.1 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | |
| SB-30 | | | 0.5 | 8/10/2017 | NA | 3.59 | NA | NA | NA | NA | NA | NA | 39.6 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-31 | | | 0.5 | 8/10/2017 | NA | 3.94 | NA | NA | NA | NA | NA | NA | NA | 107 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-32 | | | 0.5 | 8/10/2017 | NA | 3.68 | NA | NA | NA | NA | NA | NA | NA | 62.0 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| SB-33 | S-SB-33-6" | Incinerator | 0.5 | 8/8/2017 | <2.50 | <2.50 | 122 | <2.50 | <2.50 | 22.0 | 5.85 | 31.9 | 63.5 | 0.336 | <2.50 | 30.3 | <2.50 | <2.50 | <2.50 | 17.2 | 99.6 | NA | | | |
| SB-34 | S-SB-34-6" | | 0.5 | 8/8/2017 | <2.50 | 4.18 | 70.8 | <2.50 | <2.50 | 10.8 | 3.96 | 14.9 | 62.6 | <0.100 | <2.50 | 22.7 | 4.52 | <2.50 | <2.50 | 9.84 | 69.1 | NA | | | |

**TABLE 6
SHALLOW SOIL SAMPLE ANALYTICAL RESULTS
CAM 17 METALS AND NITRATE
SONOMA DEVELOPMENTAL CENTER
15000 ARNOLD DRIVE, ELDRIDGE, CALIFORNIA**

| Sample Location | Sample ID | Sample Location | Depth | Date | TITLE 22 METALS | | | | | | | | | | | | | | | | Nitrate | | | |
|---------------------------------|----------------------------|----------------------------------|-------|-----------|-----------------|---------|--------|-----------|---------|----------|--------|--------|--------|---------|------------|--------|----------|--------|----------|----------|---------|--------|-------|-------|
| | | | | | Antimony | Arsenic | Barium | Beryllium | Cadmium | Chromium | Cobalt | Copper | Lead | Mercury | Molybdenum | Nickel | Selenium | Silver | Thallium | Vanadium | | Zinc | | |
| USA EPA RSLs ⁽²⁾ | | | | | 3.1 | 0.68 | 1,500 | 160 | 71 | 120,000 | 23 | 3,100 | 400 | 11 | 390 | --- | 390 | 390 | --- | 390 | 23,000 | 13,000 | | |
| DTSC HHRA Note 3 ⁽³⁾ | | | | | --- | --- | --- | --- | --- | --- | --- | --- | 80 | 1.0 | --- | --- | --- | --- | --- | --- | --- | --- | | |
| SB-35 | S-SB-35-6" | Hazardous Materials Storage Shed | 0.5 | 8/8/2017 | <2.50 | 36.3 | 151 | <2.50 | <2.50 | 39.7 | 11.7 | 18.2 | 116 | 0.173 | <2.50 | 51.7 | <2.50 | <2.50 | <2.50 | 30.4 | 77.0 | NA | | |
| SB-36 | S-SB-36-6" | | 0.5 | 8/8/2017 | <2.50 | 19.8 | 119 | <2.50 | <2.50 | 69.0 | 9.86 | 18.9 | 47.5 | 0.158 | <2.50 | 90.7 | <2.50 | <2.50 | <2.50 | 32.2 | 54.7 | NA | | |
| SB-37 | S-SB-37-6" | Fruit Drying Shed | 0.5 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA | NA | 4,640 | NA | NA | NA | NA | NA | NA | NA | NA | NA | | |
| SB-38 | S-SB-38-12" ⁽¹⁾ | | 1 | 8/9/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 42.5 | NA | NA | NA | NA | NA | NA | NA | NA | | |
| SB-39 | S-SB-39-6" | PCB Storage Shed | 0.5 | 8/9/2017 | <2.50 | <2.50 | 121 | <2.50 | <2.50 | 18.4 | 7.50 | 8.58 | 30.0 | <0.100 | <2.50 | 23.2 | <2.50 | <2.50 | <2.50 | 20.2 | 74.7 | NA | | |
| SB-40 | S-SB-40-6" | | 0.5 | 8/9/2017 | <2.50 | <2.50 | 80.8 | <2.50 | <2.50 | 17.1 | 6.64 | 7.58 | 21.0 | <0.100 | <2.50 | 20.9 | <2.50 | <2.50 | <2.50 | 20.3 | 81.8 | NA | | |
| SB-41 | S-SB-41-6" | | 0.5 | 8/9/2017 | <2.50 | <2.50 | 91.8 | <2.50 | <2.50 | 20.0 | 7.77 | 9.17 | 8.25 | <0.100 | <2.50 | 24.2 | <2.50 | <2.50 | <2.50 | 19.5 | 54.2 | NA | | |
| SB-42 | S-SB-42-6" | | 0.5 | 8/9/2017 | <2.50 | <2.50 | 93.3 | <2.50 | <2.50 | 16.6 | 5.13 | 6.92 | 19.3 | <0.100 | <2.50 | 19.4 | <2.50 | <2.50 | <2.50 | 20.1 | 51.2 | NA | | |
| SB-43 | S-COMP-A | Sunrise Industries | 0.5 | 8/8/2017 | NA | 4.09 | NA | NA | NA | NA | NA | NA | 92.8 | NA | NA | NA | NA | NA | NA | NA | NA | <5.00 | | |
| SB-44 | | | 0.5 | 8/8/2017 | NA | 3.79 | NA | NA | NA | NA | NA | NA | NA | 54.1 | NA | NA | NA | NA | NA | NA | NA | NA | <5.00 | |
| SB-45 | | | 0.5 | 8/8/2017 | NA | 4.78 | NA | NA | NA | NA | NA | NA | NA | 163 | NA | NA | NA | NA | NA | NA | NA | NA | NA | <5.00 |
| SB-46 | | | 0.5 | 8/8/2017 | NA | 3.78 | NA | NA | NA | NA | NA | NA | NA | 84.2 | NA | NA | NA | NA | NA | NA | NA | NA | NA | <5.00 |
| SB-47 | S-COMP-B | Sunrise Industries | 0.5 | 8/8/2017 | NA | 2.89 | NA | NA | NA | NA | NA | NA | 104 | NA | NA | NA | NA | NA | NA | NA | NA | NA | <5.00 | |
| SB-48 | | | 0.5 | 8/8/2017 | NA | 3.39 | NA | NA | NA | NA | NA | NA | NA | 122 | NA | NA | NA | NA | NA | NA | NA | NA | NA | <5.00 |
| SB-49 | | | 0.5 | 8/8/2017 | NA | 4.06 | NA | NA | NA | NA | NA | NA | NA | 86.2 | NA | NA | NA | NA | NA | NA | NA | NA | NA | <5.00 |
| SB-50 | | | 0.5 | 8/8/2017 | NA | 4.01 | NA | NA | NA | NA | NA | NA | NA | 140 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 7.18 |
| SB-51 | S-SB-51-6" | Background Sample | 0.5 | 8/8/2017 | NA | <2.50 | NA | NA | NA | NA | NA | NA | 15.5 | NA | NA | NA | NA | NA | NA | NA | NA | NA | <5.00 | |
| SB-52 | S-SB-52-6" | Pesticide Storage | 0.5 | 8/8/2017 | <2.50 | 8.73 | 102 | <2.50 | <2.50 | 72.0 | 12.2 | 21.0 | 88.1 | 0.122 | <2.50 | 62.6 | <2.50 | <2.50 | <2.50 | 37.6 | 107 | NA | | |
| SB-53 | S-SB-53-6" | | 0.5 | 8/8/2017 | <2.50 | 13.8 | 107 | <2.50 | <2.50 | 14.9 | 8.56 | 9.10 | 31.1 | <0.100 | <2.50 | 12.5 | <2.50 | <2.50 | <2.50 | 36.2 | 35.6 | NA | | |
| SB-54 | S-SB-54-6" | | 0.5 | 8/8/2017 | <2.50 | 6.35 | 87.9 | <2.50 | <2.50 | 12.6 | 7.13 | 7.74 | 17.0 | <0.100 | <2.50 | 8.29 | <2.50 | <2.50 | <2.50 | 33.5 | 20.0 | NA | | |
| SB-55 | S-SB-55-6" | | 0.5 | 8/8/2017 | <2.50 | 21.8 | 112 | <2.50 | <2.50 | 87.1 | 10.7 | 50.2 | 154 | 1.12 | <2.50 | 75.6 | <2.50 | <2.50 | <2.50 | 37.2 | 251 | NA | | |
| SB-56 | S-SB-56-6" | Landscape Maintenance | 0.5 | 8/8/2017 | <2.50 | 3.96 | 155 | <2.50 | <2.50 | 45.3 | 15.8 | 27.6 | 116 | <0.100 | <2.50 | 59.0 | <2.50 | <2.50 | <2.50 | 62.5 | 80.4 | NA | | |
| SB-57 | S-SB-57-6" | | 0.5 | 8/8/2017 | <2.50 | 5.59 | 96.0 | <2.50 | <2.50 | 77.5 | 12.1 | 24.9 | 68.4 | 0.152 | <2.50 | 86.5 | <2.50 | <2.50 | <2.50 | 40.1 | 140 | NA | | |
| SB-49 | S-BLIND DUPLICATE | Sunrise Industries | 0.5 | 8/8/2017 | NA | 4.29 | NA | NA | NA | NA | NA | NA | 86.9 | NA | NA | NA | NA | NA | NA | NA | NA | NA | <5.00 | |
| SB-19 | BLIND DUPLICATE-2 | Sonoma HSC | 0.5 | 8/9/2010 | NA | 18.5 | NA | NA | NA | NA | NA | NA | 827 | NA | NA | NA | NA | NA | NA | NA | NA | NA | | |
| SB-28 | BLIND DUPLICATE-3 | Manzanita | 0.5 | 8/10/2010 | NA | 33.5 | NA | NA | NA | NA | NA | NA | 299 | NA | NA | NA | NA | NA | NA | NA | NA | NA | | |
| EQUIPMENT BLANK | | NA | NA | 8/8/2017 | NA | <0.001 | NA | NA | NA | NA | NA | NA | <0.001 | NA | NA | NA | NA | NA | NA | NA | NA | <0.100 | | |
| EQUIPMENT BLANK-2 | | NA | NA | 8/9/2017 | NA | <0.001 | NA | NA | NA | NA | NA | NA | <0.001 | NA | NA | NA | NA | NA | NA | NA | NA | NA | | |
| EQUIPMENT BLANK-3 | | NA | NA | 8/10/2017 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | |

mg/Kg = milligrams per kilogram

BGS = Below Ground Surface

NA = Not Analyzed / Not Applicable

ND = Non Detect. Please refer to individual lab reports for respective reporting limits

(1) = Sample S-SB-38-12" was collected from a 12" depth due to the abundance of redwood.

(2) = US Environmental Protection Agency Regional Screening Levels (RSLs), June 2017

(3) = Department Toxic Substances Control Human Health Risk Assessment (HHRA) Note 3 - DTSC Modified Screening Levels

**TABLE 7
SHALLOW SOIL SAMPLE ANALYTICAL RESULTS
HEXAVALENT CHROMIUM
SONOMA DEVELOPMENTAL CENTER
15000 ARNOLD DRIVE, ELDRIDGE, CALIFORNIA**

| Sample Location | Sample ID | Sample Location | Depth (Feet BGS) | Date | Hexavalent Chromium |
|-----------------|-----------|--|---------------------|-----------|---------------------|
| | | | | | mg/Kg |
| SB-1 | S-COMP-C | Walnut Building | 0.5 | 8/9/2017 | NA |
| SB-2 | | | 0.5 | 8/9/2017 | NA |
| SB-3 | | | 0.5 | 8/9/2017 | NA |
| SB-4 | | | 0.5 | 8/9/2017 | NA |
| SB-5 | S-COMP-D | Oak Lodge | 0.5 | 8/9/2017 | NA |
| SB-6 | | | 0.5 | 8/9/2017 | NA |
| SB-7 | | | 0.5 | 8/9/2017 | NA |
| SB-8 | | | 0.5 | 8/9/2017 | NA |
| SB-9 | S-COMP-F | McDougal | 0.5 | 8/10/2017 | NA |
| SB-10 | | | 0.5 | 8/10/2017 | NA |
| SB-11 | | | 0.5 | 8/10/2017 | NA |
| SB-12 | | | 0.5 | 8/10/2017 | NA |
| SB-13 | S-COMP-I | Chamberlain/CPS | 0.5 | 8/10/2017 | NA |
| SB-14 | | | 0.5 | 8/10/2017 | NA |
| SB-15 | S-COMP-J | Garage | 0.5 | 8/10/2017 | NA |
| SB-16 | | | 0.5 | 8/10/2017 | NA |
| SB-17 | S-COMP-E | Sonoma HSC | 0.5 | 8/9/2017 | NA |
| SB-18 | | | 0.5 | 8/9/2017 | NA |
| SB-19 | | | 0.5 | 8/9/2017 | NA |
| SB-20 | | | 0.5 | 8/9/2017 | NA |
| SB-21 | S-COMP-G | PEC | 0.5 | 8/10/2017 | NA |
| SB-22 | | | 0.5 | 8/10/2017 | NA |
| SB-23 | | | 0.5 | 8/10/2017 | NA |
| SB-24 | | | 0.5 | 8/10/2017 | NA |
| SB-25 | S-COMP-K | Blue Rose | 0.5 | 8/10/2017 | NA |
| SB-26 | | | 0.5 | 8/10/2017 | NA |
| SB-27 | | Manzanita Historical Building/Power House | 0.5 | 8/10/2017 | NA |
| SB-28 | | | 0.5 | 8/10/2017 | NA |
| SB-29 | S-COMP-H | Paxton-Goddard | 0.5 | 8/10/2017 | NA |
| SB-30 | | | 0.5 | 8/10/2017 | NA |
| SB-31 | | | 0.5 | 8/10/2017 | NA |
| SB-32 | | | 0.5 | 8/10/2017 | NA |

**TABLE 7
SHALLOW SOIL SAMPLE ANALYTICAL RESULTS
HEXAVALENT CHROMIUM
SONOMA DEVELOPMENTAL CENTER
15000 ARNOLD DRIVE, ELDRIDGE, CALIFORNIA**

| Sample Location | Sample ID | Sample Location | Depth (Feet BGS) | Date | Hexavalent Chromium |
|---|----------------------------|-------------------------------------|---------------------|-----------|---------------------|
| | | | | | mg/Kg |
| SB-33 | S-SB-33-6" | Incinerator | 0.5 | 8/8/2017 | 1.55 |
| SB-34 | S-SB-34-6" | | 0.5 | 8/8/2017 | <0.250 |
| SB-35 | S-SB-35-6" | Hazardous Materials Storage Shed | 0.5 | 8/8/2017 | NA |
| SB-36 | S-SB-36-6" | | 0.5 | 8/8/2017 | NA |
| SB-37 | S-SB-37-6" | Fruit Drying Shed | 0.5 | 8/9/2017 | NA |
| SB-38 | S-SB-38-12" ⁽¹⁾ | | 1 | 8/9/2017 | NA |
| SB-39 | S-SB-39-6" | PCB Storage Shed | 0.5 | 8/9/2017 | NA |
| SB-40 | S-SB-40-6" | | 0.5 | 8/9/2017 | NA |
| SB-41 | S-SB-41-6" | | 0.5 | 8/9/2017 | NA |
| SB-42 | S-SB-42-6" | | 0.5 | 8/9/2017 | NA |
| SB-43 | S-COMP-A | Sunrise Industries | 0.5 | 8/8/2017 | NA |
| SB-44 | | | 0.5 | 8/8/2017 | NA |
| SB-45 | | | 0.5 | 8/8/2017 | NA |
| SB-46 | | | 0.5 | 8/8/2017 | NA |
| SB-47 | S-COMP-B | | 0.5 | 8/8/2017 | NA |
| SB-48 | | | 0.5 | 8/8/2017 | NA |
| SB-49 | | | 0.5 | 8/8/2017 | NA |
| SB-50 | | | 0.5 | 8/8/2017 | NA |
| SB-51 | S-SB-51-6" | Background Sample | 0.5 | 8/8/2017 | NA |
| SB-52 | S-SB-52-6" | Pesticide Storage | 0.5 | 8/8/2017 | NA |
| SB-53 | S-SB-53-6" | | 0.5 | 8/8/2017 | NA |
| SB-54 | S-SB-54-6" | | 0.5 | 8/8/2017 | NA |
| SB-55 | S-SB-55-6" | | 0.5 | 8/8/2017 | NA |
| SB-56 | S-SB-56-6" | Landscape Maintenance | 0.5 | 8/8/2017 | NA |
| SB-57 | S-SB-57-6" | | 0.5 | 8/8/2017 | NA |
| SB-49 | S-BLIND DUPLICATE | Sunrise Industries | 0.5 | 8/8/2017 | NA |
| SB-19 | BLIND DUPLICATE-2 | Sonoma HSC | 0.5 | 8/9/2017 | NA |
| SB-28 | BLIND DUPLICATE-3 | Manzanita | 0.5 | 8/10/2017 | NA |
| EQUIPMENT BLANK | | NA | NA | 8/8/2017 | NA |
| EQUIPMENT BLANK-2 | | NA | NA | 8/9/2017 | NA |
| EQUIPMENT BLANK-3 | | NA | NA | 8/10/2017 | NA |
| DTSC Modified Screening Levels⁽²⁾ | | | | | 0.3 |

mg/Kg = milligrams per kilogram

BGS = Below Ground Surface

NA = Not Analyzed / Not Applicable

ND = Non Detect. Please refer to individual lab reports for respective reporting limits

(1) = Sample S-SB-38-12" was collected from a 12" depth due to the abundance of redwood.

(3) = Department Toxic Substances Control Human Health Risk Assessment (HHRA) Note 3 - DTSC Modified Screening Levels

TABLE 8
SHALLOW SOIL SAMPLE ANALYTICAL RESULTS
DIOXINS AND FURANS
SONOMA DEVELOPMENTAL CENTER
15000 ARNOLD DRIVE, ELDRIDGE, CALIFORNIA

| Compound | S-SB-33-6" | S-SB-34-6" |
|---------------------|------------|------------|
| | Units | |
| | pg/g | |
| 2,3,7,8-TCDD | <0.499 | 5.35 |
| 1,2,3,7,8-PeCDD | 0.443 - J | 22.8 |
| 1,2,3,4,7,8-HxCDD | 0.342 - J | 20.9 |
| 1,2,3,6,7,8-HxCDD | 0.765 - J | 38.7 |
| 1,2,3,7,8,9-HxCDD | 0.748 - J | 30.7 |
| 1,2,3,4,6,7,8-HpCDD | 7.17 | 236 |
| OCDD | 32.8 | 603 |
| 2,3,7,8-TCDF | <0.499 | 34.5 |
| 1,2,3,7,8-PeCDF | <2.49 | 49.5 |
| 2,3,4,7,8-PeCDF | 0.966 - J | 51.1 |
| 1,2,3,4,7,8-HxCDF | 0.774 - J | 63.1 |
| 1,2,3,6,7,8-HxCDF | 0.863 - J | 57.0 |
| 2,3,4,6,7,8-HxCDF | 0.966 - J | 62.4 |
| 1,2,3,7,8,9-HxCDF | <2.49 | 5.41 |
| 1,2,3,4,6,7,8-HpCDF | 4.72 | 177 |
| 1,2,3,4,7,8,9-HpCDF | 0.390 | 17.0 |
| OCDF | 6.53 | 114 |
| Total TCDD | 2.39 | 484 |
| Total PeCDD | 5.44 | 649 |
| Total HxCDD | 9.71 | 766 |
| Total HpCDD | 14.4 | 471 |
| Total TCDF | 5.83 | 972 |
| Total PeCDF | 4.85 | 765 |
| Total HxCDF | 7.69 | 515 |
| Total HpCDF | 9.37 | 284 |
| TEQ | 1.31 | 80.8 |

| TEQ Remedial Goals for Sites in California ^A | |
|---|--------------|
| Residential | 50 pg/g |
| Commercial/Industrial | 220-700 pg/g |
| Agricultural | <40 pg/g |

pg/g = picogram / gram

^A = Department of Toxic Substance Control Human Health Risk Assessment Note 2 (April 2017)

APPENDIX C
CERTIFIED LABORATORY REPORTS
AND
CHAIN OF CUSTODY DOCUMENTATION

DRAFT

K PRIME, Inc.

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd.
Santa Rosa CA 95403
Phone: 707 527 7574
FAX: 707 527 7879

TRANSMITTAL

DATE: 8/14/2017

TO: MR. MATT EARNSHAW
MR. MAX KRUZIC
EBA ENGINEERING
825 SONOMA AVENUE
SANTA ROSA, CA 95404

ACCT: 9986
PROJ: 2382

Phone: 707-544-0784
Fax: 707-544-0866
Email: dataebal@ebagroup.com

FROM: Richard A. Kage1, Ph.D.
Laboratory Director

*RAK/mc
8/14/2017*

SUBJECT: LABORATORY RESULTS FOR YOUR PROJECT 2382

Enclosed please find K Prime's laboratory reports for the following samples:

| SAMPLE ID | TYPE | DATE | TIME | KPI LAB # |
|------------|------|----------|-------|-----------|
| S-SB-33-6" | SOIL | 8/8/2017 | 9:33 | 157168 |
| S-SB-34-6" | SOIL | 8/8/2017 | 9:35 | 157169 |
| S-SB-52-6" | SOIL | 8/8/2017 | 10:05 | 157170 |
| S-SB-53-6" | SOIL | 8/8/2017 | 10:15 | 157171 |
| S-SB-54-6" | SOIL | 8/8/2017 | 10:22 | 157172 |
| S-SB-55-6" | SOIL | 8/8/2017 | 10:30 | 157173 |
| S-SB-56-6" | SOIL | 8/8/2017 | 13:37 | 157174 |
| S-SB-57-6" | SOIL | 8/8/2017 | 13:35 | 157175 |
| S-SB-35-6" | SOIL | 8/8/2017 | 14:00 | 157176 |
| S-SB-36-6" | SOIL | 8/8/2017 | 14:02 | 157177 |

The above listed sample group was received on 8/8/2017 and tested as requested on the chain of custody document.

Please call me if you have any questions or need further information.
Thank you for this opportunity to be of service.

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

METHOD: GRO-GASOLINE RANGE ORGANICS
REFERENCE: EPA 8015B

SAMPLE TYPE: SOIL
UNITS: mg/Kg

| SAMPLE ID | LAB NO. | DATE SAMPLED | TIME SAMPLED | BATCH NO | DATE ANALYZED | MRL | SAMPLE CONC | GRO PATTERN |
|------------|---------|-----------------|-----------------|-------------|------------------|------|----------------|----------------|
| S-SB-33-6" | 157168 | 08/08/2017 | 9:33 | 080917S1 | 08/09/2017 | 1.00 | ND | |
| S-SB-34-6" | 157169 | 08/08/2017 | 9:35 | 080917S1 | 08/09/2017 | 1.00 | ND | |
| S-SB-56-6" | 157174 | 08/08/2017 | 13:37 | 080917S1 | 08/09/2017 | 1.00 | ND | |
| S-SB-57-6" | 157175 | 08/08/2017 | 13:35 | 080917S1 | 08/09/2017 | 1.00 | ND | |
| S-SB-35-6" | 157176 | 08/08/2017 | 14:00 | 080917S1 | 08/09/2017 | 1.00 | ND | |
| S-SB-36-6" | 157177 | 08/08/2017 | 14:02 | 080917S1 | 08/09/2017 | 1.00 | ND | |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED METHOD REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE


MRL - METHOD REPORTING LIMIT

AE - UNKNOWN HYDROCARBON WITH A SINGLE PEAK

AN - UNKNOWN HYDROCARBON WITH SEVERAL PEAKS

AS - HEAVIER HYDROCARBON THAN GASOLINE CONTRIBUTING TO GRO VALUE

CO - HYDROCARBON RESPONSE IN GASOLINE RANGE BUT DOES NOT RESEMBLE GASOLINE

APPROVED BY: 
DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: S-SB-33-6"
LAB NO: 157168
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 09:33
BATCH NO: 081017S1
DATE ANALYZED: 08/10/2017

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------------|------------|--------------------|----------------|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 1.64 | ND |
| CHLOROMETHANE | 74-87-3 | 1.64 | ND |
| VINYL CHLORIDE | 75-01-4 | 1.64 | ND |
| BROMOMETHANE | 74-83-9 | 1.64 | ND |
| CHLOROETHANE | 75-00-3 | 1.64 | ND |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 1.64 | ND |
| 1,1-DICHLOROETHENE | 75-35-4 | 1.64 | ND |
| TRICHLOROTRIFLUOROETHANE | 76-13-1 | 1.64 | ND |
| METHYLENE CHLORIDE | 75-09-2 | 8.20 | ND |
| TRANS-1,2-DICHLOROETHENE | 156-60-5 | 1.64 | ND |
| 1,1-DICHLOROETHANE | 75-34-3 | 1.64 | ND |
| CIS-1,2-DICHLOROETHENE | 156-59-2 | 1.64 | ND |
| 2,2-DICHLOROPROPANE | 594-20-7 | 1.64 | ND |
| BROMOCHLOROMETHANE | 74-97-5 | 1.64 | ND |
| CHLOROFORM | 67-66-3 | 1.64 | ND |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 1.64 | ND |
| CARBON TETRACHLORIDE | 56-23-5 | 1.64 | ND |
| 1,1-DICHLOROPROPENE | 563-58-6 | 1.64 | ND |
| BENZENE | 71-43-2 | 1.64 | ND |
| 1,2-DICHLOROETHANE | 107-06-2 | 1.64 | ND |
| TRICHLOROETHENE | 79-01-6 | 1.64 | ND |
| 1,2-DICHLOROPROPANE | 78-87-5 | 1.64 | ND |
| DIBROMOMETHANE | 74-95-3 | 1.64 | ND |
| BROMODICHLOROMETHANE | 75-27-4 | 1.64 | ND |
| TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | 1.64 | ND |
| TOLUENE | 108-88-3 | 1.64 | ND |
| CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 1.64 | ND |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 1.64 | ND |
| TETRACHLOROETHENE | 127-18-4 | 1.64 | ND |
| 1,3-DICHLOROPROPANE | 142-28-9 | 1.64 | ND |
| DIBROMOCHLOROMETHANE | 124-48-1 | 1.64 | ND |
| 1,2-DIBROMOETHANE | 106-93-4 | 1.64 | ND |
| CHLOROBENZENE | 108-90-7 | 1.64 | ND |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 1.64 | ND |
| ETHYLBENZENE | 100-41-4 | 1.64 | ND |
| XYLENE (M+P) | 1330-20-7 | 1.64 | ND |
| XYLENE (O) | 1330-20-7 | 1.64 | ND |
| STYRENE | 100-42-5 | 1.64 | ND |
| BROMOFORM | 75-25-2 | 1.64 | ND |
| ISOPROPYLBENZENE | 98-82-8 | 1.64 | ND |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 1.64 | ND |
| BROMOBENZENE | 108-86-1 | 1.64 | ND |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 1.64 | ND |
| N-PROPYLBENZENE | 103-65-1 | 1.64 | ND |
| 2-CHLOROTOLUENE | 95-49-8 | 1.64 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-33-6"
LAB NO: 157168
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 09:33
BATCH NO: 081017S1
DATE ANALYZED: 08/10/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg


| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-----------------------------|----------|--------------------|----------------|
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 1.64 | ND |
| 4-CHLOROTOLUENE | 106-43-4 | 1.64 | ND |
| TERT-BUTYLBENZENE | 98-06-6 | 1.64 | ND |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 1.64 | ND |
| SEC-BUTYLBENZENE | 135-98-8 | 1.64 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 1.64 | ND |
| 4-ISOPROPYLTOLUENE | 99-87-6 | 1.64 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 1.64 | ND |
| N-BUTYLBENZENE | 104-51-8 | 1.64 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 1.64 | ND |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 1.64 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 3.28 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 3.28 | ND |
| NAPHTHALENE | 91-20-3 | 3.28 | ND |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 3.28 | ND |

| SURROGATE RECOVERY | % |
|----------------------|-----|
| DIBROMOFLUOROMETHANE | 127 |
| TOLUENE-D8 | 103 |
| 4-BROMOFLUOROBENZENE | 84 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: 
DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: S-SB-34-6"
LAB NO: 157169
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 09:35
BATCH NO: 081017S1
DATE ANALYZED: 08/10/2017

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------------|------------|-----------------|-------------|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 1.32 | ND |
| CHLOROMETHANE | 74-87-3 | 1.32 | ND |
| VINYL CHLORIDE | 75-01-4 | 1.32 | ND |
| BROMOMETHANE | 74-83-9 | 1.32 | ND |
| CHLOROETHANE | 75-00-3 | 1.32 | ND |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 1.32 | ND |
| 1,1-DICHLOROETHENE | 75-35-4 | 1.32 | ND |
| TRICHLOROTRIFLUOROETHANE | 76-13-1 | 1.32 | ND |
| METHYLENE CHLORIDE | 75-09-2 | 6.58 | ND |
| TRANS-1,2-DICHLOROETHENE | 156-60-5 | 1.32 | ND |
| 1,1-DICHLOROETHANE | 75-34-3 | 1.32 | ND |
| CIS-1,2-DICHLOROETHENE | 156-59-2 | 1.32 | ND |
| 2,2-DICHLOROPROPANE | 594-20-7 | 1.32 | ND |
| BROMOCHLOROMETHANE | 74-97-5 | 1.32 | ND |
| CHLOROFORM | 67-66-3 | 1.32 | ND |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 1.32 | ND |
| CARBON TETRACHLORIDE | 56-23-5 | 1.32 | ND |
| 1,1-DICHLOROPROPENE | 563-58-6 | 1.32 | ND |
| BENZENE | 71-43-2 | 1.32 | ND |
| 1,2-DICHLOROETHANE | 107-06-2 | 1.32 | ND |
| TRICHLOROETHENE | 79-01-6 | 1.32 | ND |
| 1,2-DICHLOROPROPANE | 78-87-5 | 1.32 | ND |
| DIBROMOMETHANE | 74-95-3 | 1.32 | ND |
| BROMODICHLOROMETHANE | 75-27-4 | 1.32 | ND |
| TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | 1.32 | ND |
| TOLUENE | 108-88-3 | 1.32 | ND |
| CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 1.32 | ND |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 1.32 | ND |
| TETRACHLOROETHENE | 127-18-4 | 1.32 | ND |
| 1,3-DICHLOROPROPANE | 142-28-9 | 1.32 | ND |
| DIBROMOCHLOROMETHANE | 124-48-1 | 1.32 | ND |
| 1,2-DIBROMOETHANE | 106-93-4 | 1.32 | ND |
| CHLOROBENZENE | 108-90-7 | 1.32 | ND |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 1.32 | ND |
| ETHYLBENZENE | 100-41-4 | 1.32 | ND |
| XYLENE (M+P) | 1330-20-7 | 1.32 | ND |
| XYLENE (O) | 1330-20-7 | 1.32 | ND |
| STYRENE | 100-42-5 | 1.32 | ND |
| BROMOFORM | 75-25-2 | 1.32 | ND |
| ISOPROPYLBENZENE | 98-82-8 | 1.32 | ND |
| 1,1,2,2-TETRACHLOROETHANE | 78-34-5 | 1.32 | ND |
| BROMOBENZENE | 108-86-1 | 1.32 | ND |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 1.32 | ND |
| N-PROPYLBENZENE | 103-65-1 | 1.32 | ND |
| 2-CHLOROTOLUENE | 95-49-8 | 1.32 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-34-6"
LAB NO: 157169
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 09:35
BATCH NO: 081017S1
DATE ANALYZED: 08/10/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-----------------------------|----------|--------------------|----------------|
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 1.32 | ND |
| 4-CHLOROTOLUENE | 106-43-4 | 1.32 | ND |
| TERT-BUTYLBENZENE | 98-06-6 | 1.32 | ND |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 1.32 | ND |
| SEC-BUTYLBENZENE | 135-98-8 | 1.32 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 1.32 | ND |
| 4-ISOPROPYLTOLUENE | 99-87-6 | 1.32 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 1.32 | ND |
| N-BUTYLBENZENE | 104-51-8 | 1.32 | ND |
| 1,2-DICHLOROBENZENE | 96-50-1 | 1.32 | ND |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 1.32 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 2.63 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 2.63 | ND |
| NAPHTHALENE | 91-20-3 | 2.63 | ND |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 2.63 | ND |

| SURROGATE RECOVERY | % |
|----------------------|-----|
| DIBROMOFLUOROMETHANE | 123 |
| TOLUENE-D8 | 106 |
| 4-BROMOFLUOROBENZENE | 89 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY:
DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-56-6"
LAB NO: 157174
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 13:37
BATCH NO: 081017S1
DATE ANALYZED: 08/10/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------------|------------|-----------------|-------------|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 1.41 | ND |
| CHLOROMETHANE | 74-87-3 | 1.41 | ND |
| VINYL CHLORIDE | 75-01-4 | 1.41 | ND |
| BROMOMETHANE | 74-83-9 | 1.41 | ND |
| CHLOROETHANE | 75-00-3 | 1.41 | ND |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 1.41 | ND |
| 1,1-DICHLOROETHENE | 75-35-4 | 1.41 | ND |
| TRICHLOROTRIFLUOROETHANE | 76-13-1 | 1.41 | ND |
| METHYLENE CHLORIDE | 75-09-2 | 7.05 | ND |
| TRANS-1,2-DICHLOROETHENE | 156-60-5 | 1.41 | ND |
| 1,1-DICHLOROETHANE | 75-34-3 | 1.41 | ND |
| CIS-1,2-DICHLOROETHENE | 156-59-2 | 1.41 | ND |
| 2,2-DICHLOROPROPANE | 594-20-7 | 1.41 | ND |
| BROMOCHLOROMETHANE | 74-97-5 | 1.41 | ND |
| CHLOROFORM | 67-66-3 | 1.41 | ND |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 1.41 | ND |
| CARBON TETRACHLORIDE | 56-23-5 | 1.41 | ND |
| 1,1-DICHLOROPROPENE | 563-58-6 | 1.41 | ND |
| BENZENE | 71-43-2 | 1.41 | ND |
| 1,2-DICHLOROETHANE | 107-06-2 | 1.41 | ND |
| TRICHLOROETHENE | 79-01-6 | 1.41 | ND |
| 1,2-DICHLOROPROPANE | 78-87-5 | 1.41 | ND |
| DIBROMOMETHANE | 74-95-3 | 1.41 | ND |
| BROMODICHLOROMETHANE | 75-27-4 | 1.41 | ND |
| TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | 1.41 | ND |
| TOLUENE | 108-88-3 | 1.41 | ND |
| CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 1.41 | ND |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 1.41 | ND |
| TETRACHLOROETHENE | 127-18-4 | 1.41 | ND |
| 1,3-DICHLOROPROPANE | 142-28-9 | 1.41 | ND |
| DIBROMOCHLOROMETHANE | 124-48-1 | 1.41 | ND |
| 1,2-DIBROMOETHANE | 106-93-4 | 1.41 | ND |
| CHLOROBENZENE | 108-90-7 | 1.41 | ND |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 1.41 | ND |
| ETHYLBENZENE | 100-41-4 | 1.41 | ND |
| XYLENE (M+P) | 1330-20-7 | 1.41 | ND |
| XYLENE (O) | 1330-20-7 | 1.41 | ND |
| STYRENE | 100-42-5 | 1.41 | ND |
| BROMOFORM | 75-25-2 | 1.41 | ND |
| ISOPROPYLBENZENE | 98-82-8 | 1.41 | ND |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 1.41 | ND |
| BROMOBENZENE | 108-86-1 | 1.41 | ND |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 1.41 | ND |
| N-PROPYLBENZENE | 103-65-1 | 1.41 | ND |
| 2-CHLOROTOLUENE | 95-49-8 | 1.41 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-56-6"
LAB NO: 157174
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 13:37
BATCH NO: 081017S1
DATE ANALYZED: 08/10/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-----------------------------|----------|--------------------|----------------|
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 1.41 | ND |
| 4-CHLOROTOLUENE | 106-43-4 | 1.41 | ND |
| TERT-BUTYLBENZENE | 98-06-6 | 1.41 | ND |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 1.41 | ND |
| SEC-BUTYLBENZENE | 135-98-8 | 1.41 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 1.41 | ND |
| 4-ISOPROPYLTOLUENE | 99-87-6 | 1.41 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 1.41 | ND |
| N-BUTYLBENZENE | 104-51-8 | 1.41 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 1.41 | ND |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 1.41 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 2.82 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 2.82 | ND |
| NAPHTHALENE | 91-20-3 | 2.82 | ND |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 2.82 | ND |

| SURROGATE RECOVERY | % |
|----------------------|-----|
| DIBROMOFLUOROMETHANE | 117 |
| TOLUENE-D8 | 107 |
| 4-BROMOFLUOROBENZENE | 89 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: 
DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: S-SB-57-6"
LAB NO: 157175
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 13:35
BATCH NO: 081017S1
DATE ANALYZED: 08/10/2017

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------------|------------|-----------------|-------------|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 1.28 | ND |
| CHLOROMETHANE | 74-87-3 | 1.28 | ND |
| VINYL CHLORIDE | 75-01-4 | 1.28 | ND |
| BROMOMETHANE | 74-83-9 | 1.28 | ND |
| CHLOROETHANE | 75-00-3 | 1.28 | ND |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 1.28 | ND |
| 1,1-DICHLOROETHENE | 75-35-4 | 1.28 | ND |
| TRICHLOROTRIFLUOROETHANE | 76-13-1 | 1.28 | ND |
| METHYLENE CHLORIDE | 75-09-2 | 6.40 | ND |
| TRANS-1,2-DICHLOROETHENE | 156-60-5 | 1.28 | ND |
| 1,1-DICHLOROETHANE | 75-34-3 | 1.28 | ND |
| CIS-1,2-DICHLOROETHENE | 156-59-2 | 1.28 | ND |
| 2,2-DICHLOROPROPANE | 594-20-7 | 1.28 | ND |
| BROMOCHLOROMETHANE | 74-97-5 | 1.28 | ND |
| CHLOROFORM | 67-66-3 | 1.28 | ND |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 1.28 | ND |
| CARBON TETRACHLORIDE | 56-23-5 | 1.28 | ND |
| 1,1-DICHLOROPROPENE | 563-58-6 | 1.28 | ND |
| BENZENE | 71-43-2 | 1.28 | ND |
| 1,2-DICHLOROETHANE | 107-06-2 | 1.28 | ND |
| TRICHLOROETHENE | 79-01-6 | 1.28 | ND |
| 1,2-DICHLOROPROPANE | 78-87-5 | 1.28 | ND |
| DIBROMOMETHANE | 74-95-3 | 1.28 | ND |
| BROMODICHLOROMETHANE | 75-27-4 | 1.28 | ND |
| TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | 1.28 | ND |
| TOLUENE | 108-88-3 | 1.28 | ND |
| CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 1.28 | ND |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 1.28 | ND |
| TETRACHLOROETHENE | 127-18-4 | 1.28 | ND |
| 1,3-DICHLOROPROPANE | 142-28-9 | 1.28 | ND |
| DIBROMOCHLOROMETHANE | 124-48-1 | 1.28 | ND |
| 1,2-DIBROMOETHANE | 106-93-4 | 1.28 | ND |
| CHLOROBENZENE | 108-90-7 | 1.28 | ND |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 1.28 | ND |
| ETHYLBENZENE | 100-41-4 | 1.28 | ND |
| XYLENE (M+P) | 1330-20-7 | 1.28 | ND |
| XYLENE (O) | 1330-20-7 | 1.28 | ND |
| STYRENE | 100-42-5 | 1.28 | ND |
| BROMOFORM | 75-25-2 | 1.28 | ND |
| ISOPROPYLBENZENE | 98-82-8 | 1.28 | ND |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 1.28 | ND |
| BROMOBENZENE | 108-86-1 | 1.28 | ND |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 1.28 | ND |
| N-PROPYLBENZENE | 103-65-1 | 1.28 | ND |
| 2-CHLOROTOLUENE | 95-49-8 | 1.28 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-57-6"
LAB NO: 157175
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 13:35
BATCH NO: 081017S1
DATE ANALYZED: 08/10/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260


SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-----------------------------|----------|--------------------|----------------|
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 1.28 | ND |
| 4-CHLOROTOLUENE | 106-43-4 | 1.28 | ND |
| TERT-BUTYLBENZENE | 98-06-6 | 1.28 | ND |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 1.28 | ND |
| SEC-BUTYLBENZENE | 135-98-8 | 1.28 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 1.28 | ND |
| 4-ISOPROPYLTOLUENE | 99-87-6 | 1.28 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 1.28 | ND |
| N-BUTYLBENZENE | 104-51-8 | 1.28 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 1.28 | ND |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 1.28 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 2.56 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 2.56 | ND |
| NAPHTHALENE | 91-20-3 | 2.56 | ND |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 2.56 | ND |

| SURROGATE RECOVERY | % |
|----------------------|-----|
| DIBROMOFLUOROMETHANE | 118 |
| TOLUENE-D8 | 108 |
| 4-BROMOFLUOROBENZENE | 90 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: 
DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-35-6"
LAB NO: 157176
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 14:00
BATCH NO: 081017S1
DATE ANALYZED: 08/10/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------------|------------|-----------------|-------------|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 1.57 | ND |
| CHLOROMETHANE | 74-87-3 | 1.57 | ND |
| VINYL CHLORIDE | 75-01-4 | 1.57 | ND |
| BROMOMETHANE | 74-83-9 | 1.57 | ND |
| CHLOROETHANE | 75-00-3 | 1.57 | ND |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 1.57 | ND |
| 1,1-DICHLOROETHENE | 75-35-4 | 1.57 | ND |
| TRICHLOROTRIFLUOROETHANE | 76-13-1 | 1.57 | ND |
| METHYLENE CHLORIDE | 75-09-2 | 7.85 | ND |
| TRANS-1,2-DICHLOROETHENE | 156-60-5 | 1.57 | ND |
| 1,1-DICHLOROETHANE | 75-34-3 | 1.57 | ND |
| CIS-1,2-DICHLOROETHENE | 156-59-2 | 1.57 | ND |
| 2,2-DICHLOROPROPANE | 594-20-7 | 1.57 | ND |
| BROMOCHLOROMETHANE | 74-97-5 | 1.57 | ND |
| CHLOROFORM | 67-66-3 | 1.57 | ND |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 1.57 | ND |
| CARBON TETRACHLORIDE | 58-23-5 | 1.57 | ND |
| 1,1-DICHLOROPROPENE | 563-58-6 | 1.57 | ND |
| BENZENE | 71-43-2 | 1.57 | ND |
| 1,2-DICHLOROETHANE | 107-06-2 | 1.57 | ND |
| TRICHLOROETHENE | 79-01-6 | 1.57 | ND |
| 1,2-DICHLOROPROPANE | 78-87-5 | 1.57 | ND |
| DIBROMOMETHANE | 74-95-3 | 1.57 | ND |
| BROMODICHLOROMETHANE | 75-27-4 | 1.57 | ND |
| TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | 1.57 | ND |
| TOLUENE | 108-88-3 | 1.57 | ND |
| CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 1.57 | ND |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 1.57 | ND |
| TETRACHLOROETHENE | 127-18-4 | 1.57 | ND |
| 1,3-DICHLOROPROPANE | 142-28-9 | 1.57 | ND |
| DIBROMOCHLOROMETHANE | 124-48-1 | 1.57 | ND |
| 1,2-DIBROMOETHANE | 106-93-4 | 1.57 | ND |
| CHLOROBENZENE | 108-90-7 | 1.57 | ND |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 1.57 | ND |
| ETHYLBENZENE | 100-41-4 | 1.57 | ND |
| XYLENE (M+P) | 1330-20-7 | 1.57 | ND |
| XYLENE (O) | 1330-20-7 | 1.57 | ND |
| STYRENE | 100-42-5 | 1.57 | ND |
| BROMOFORM | 75-25-2 | 1.57 | ND |
| ISOPROPYLBENZENE | 98-82-8 | 1.57 | ND |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 1.57 | ND |
| BROMOBENZENE | 108-86-1 | 1.57 | ND |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 1.57 | ND |
| N-PROPYLBENZENE | 103-65-1 | 1.57 | ND |
| 2-CHLOROTOLUENE | 95-49-8 | 1.57 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-35-6"
LAB NO: 157176
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 14:00
BATCH NO: 081017S1
DATE ANALYZED: 08/10/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-----------------------------|----------|--------------------|----------------|
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 1.57 | ND |
| 4-CHLOROTOLUENE | 106-43-4 | 1.57 | ND |
| TERT-BUTYLBENZENE | 98-06-6 | 1.57 | ND |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 1.57 | ND |
| SEC-BUTYLBENZENE | 135-98-8 | 1.57 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 1.57 | ND |
| 4-ISOPROPYLTOLUENE | 99-87-6 | 1.57 | 1.62 |
| 1,4-DICHLOROBENZENE | 106-46-7 | 1.57 | ND |
| N-BUTYLBENZENE | 104-51-8 | 1.57 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 1.57 | ND |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 1.57 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 3.14 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 3.14 | ND |
| NAPHTHALENE | 91-20-3 | 3.14 | ND |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 3.14 | ND |

| SURROGATE RECOVERY | % |
|----------------------|-----|
| DIBROMOFLUOROMETHANE | 124 |
| TOLUENE-D8 | 109 |
| 4-BROMOFLUOROBENZENE | 112 |

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: 
DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: S-SB-36-8"
LAB NO: 157177
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 14:02
BATCH NO: 081017S1
DATE ANALYZED: 08/10/2017

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------------|------------|--------------------|----------------|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 1.78 | ND |
| CHLOROMETHANE | 74-87-3 | 1.78 | ND |
| VINYL CHLORIDE | 75-01-4 | 1.78 | ND |
| BROMOMETHANE | 74-83-9 | 1.78 | ND |
| CHLOROETHANE | 75-00-3 | 1.78 | ND |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 1.78 | ND |
| 1,1-DICHLOROETHENE | 75-35-4 | 1.78 | ND |
| TRICHLOROTRIFLUOROETHANE | 76-13-1 | 1.78 | ND |
| METHYLENE CHLORIDE | 75-09-2 | 8.90 | ND |
| TRANS-1,2-DICHLOROETHENE | 156-60-5 | 1.78 | ND |
| 1,1-DICHLOROETHANE | 75-34-3 | 1.78 | ND |
| CIS-1,2-DICHLOROETHENE | 156-59-2 | 1.78 | ND |
| 2,2-DICHLOROPROPANE | 594-20-7 | 1.78 | ND |
| BROMOCHLOROMETHANE | 74-97-5 | 1.78 | ND |
| CHLOROFORM | 67-66-3 | 1.78 | ND |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 1.78 | ND |
| CARBON TETRACHLORIDE | 56-23-5 | 1.78 | ND |
| 1,1-DICHLOROPROPENE | 563-58-6 | 1.78 | ND |
| BENZENE | 71-43-2 | 1.78 | ND |
| 1,2-DICHLOROETHANE | 107-06-2 | 1.78 | ND |
| TRICHLOROETHENE | 79-01-6 | 1.78 | ND |
| 1,2-DICHLOROPROPANE | 78-87-5 | 1.78 | ND |
| DIBROMOMETHANE | 74-95-3 | 1.78 | ND |
| BROMODICHLOROMETHANE | 75-27-4 | 1.78 | ND |
| TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | 1.78 | ND |
| TOLUENE | 108-88-3 | 1.78 | ND |
| CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 1.78 | ND |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 1.78 | ND |
| TETRACHLOROETHENE | 127-18-4 | 1.78 | ND |
| 1,3-DICHLOROPROPANE | 142-28-9 | 1.78 | ND |
| DIBROMOCHLOROMETHANE | 124-48-1 | 1.78 | ND |
| 1,2-DIBROMOETHANE | 106-93-4 | 1.78 | ND |
| CHLOROBENZENE | 108-90-7 | 1.78 | ND |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 1.78 | ND |
| ETHYLBENZENE | 100-41-4 | 1.78 | ND |
| XYLENE (M+P) | 1330-20-7 | 1.78 | ND |
| XYLENE (O) | 1330-20-7 | 1.78 | ND |
| STYRENE | 100-42-5 | 1.78 | ND |
| BROMOFORM | 75-25-2 | 1.78 | ND |
| ISOPROPYLBENZENE | 98-82-8 | 1.78 | ND |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 1.78 | ND |
| BROMOBENZENE | 108-86-1 | 1.78 | ND |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 1.78 | ND |
| N-PROPYLBENZENE | 103-65-1 | 1.78 | ND |
| 2-CHLOROTOLUENE | 95-49-8 | 1.78 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-36-6"
LAB NO: 157177
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 14:02
BATCH NO: 081017S1
DATE ANALYZED: 08/10/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-----------------------------|----------|--------------------|----------------|
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 1.78 | ND |
| 4-CHLOROTOLUENE | 106-43-4 | 1.78 | ND |
| TERT-BUTYLBENZENE | 98-06-6 | 1.78 | ND |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 1.78 | ND |
| SEC-BUTYLBENZENE | 135-98-8 | 1.78 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 1.78 | ND |
| 4-ISOPROPYLTOLUENE | 99-87-6 | 1.78 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 1.78 | ND |
| N-BUTYLBENZENE | 104-51-8 | 1.78 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 1.78 | ND |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 1.78 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 3.56 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 3.56 | ND |
| NAPHTHALENE | 91-20-3 | 3.56 | ND |
| 1,2,3-TRICHLOROBENZENE | 87-61-8 | 3.56 | ND |

| SURROGATE RECOVERY | % |
|----------------------|-----|
| DIBROMOFLUOROMETHANE | 119 |
| TOLUENE-D8 | 109 |
| 4-BROMOFLUOROBENZENE | 88 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: 
DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

METHOD: DRO
REFERENCE: EPA 8015B

SAMPLE TYPE: SOIL
UNITS: mg/Kg

| SAMPLE ID | LAB NO. | DATE SAMPLED | BATCH ID | EXTRACT DATE | DATE ANALYZED | MRL | SAMPLE CONC | DRO PATTERN |
|------------|---------|-----------------|-------------|-----------------|------------------|------|----------------|----------------|
| S-SB-33-6" | 157168 | 08/08/2017 | 080717S1 | 08/09/2017 | 08/09/2017 | 10.0 | ND | |
| S-SB-34-6" | 157169 | 08/08/2017 | 080717S1 | 08/09/2017 | 08/09/2017 | 10.0 | ND | |
| S-SB-56-6" | 157174 | 08/08/2017 | 080717S1 | 08/09/2017 | 08/09/2017 | 10.0 | ND | |
| S-SB-57-6" | 157175 | 08/08/2017 | 080717S1 | 08/09/2017 | 08/09/2017 | 10.0 | 35.0 | AN |
| S-SB-35-6" | 157176 | 08/08/2017 | 080717S1 | 08/09/2017 | 08/09/2017 | 10.0 | 26.3 | AN |
| S-SB-36-6" | 157177 | 08/08/2017 | 080717S1 | 08/09/2017 | 08/09/2017 | 10.0 | ND | |

NOTES:

DRO Diesel Range Organics (C12-C23) with Silica Gel Cleanup
 ND Not Detected at or above the stated MRL
 NA Not Applicable or Available
 MRL Method Reporting Limit
 AD Typical Pattern for Diesel
 AM Hydrocarbon response is in the C12-C22 range
 AC Heavier hydrocarbons contributing to diesel range quantitation
 AJ Heavier hydrocarbon than diesel
 AK Lighter hydrocarbon than diesel
 AE Unknown hydrocarbon with a single peak
 AN Unknown hydrocarbon with several peaks

APPROVED BY: *clw*
 DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

METHOD: HRO
REFERENCE: EPA 8015B

SAMPLE TYPE: SOIL
UNITS: mg/Kg

| SAMPLE ID | LAB NO. | DATE | BATCH | EXTRACT | DATE | MRL | SAMPLE | HRO |
|------------|---------|------------|----------|------------|------------|------|--------|-----|
| | | SAMPLED | ID | DATE | ANALYZED | | | |
| S-SB-33-6" | 157168 | 08/08/2017 | 080717S1 | 08/09/2017 | 08/09/2017 | 10.0 | ND | |
| S-SB-34-6" | 157169 | 08/08/2017 | 080717S1 | 08/09/2017 | 08/09/2017 | 10.0 | ND | |
| S-SB-56-6" | 157174 | 08/08/2017 | 080717S1 | 08/09/2017 | 08/09/2017 | 10.0 | ND | |
| S-SB-57-6" | 157175 | 08/08/2017 | 080717S1 | 08/09/2017 | 08/09/2017 | 10.0 | ND | |
| S-SB-35-6" | 157176 | 08/08/2017 | 080717S1 | 08/09/2017 | 08/09/2017 | 10.0 | ND | |
| S-SB-36-6" | 157177 | 08/08/2017 | 080717S1 | 08/09/2017 | 08/09/2017 | 10.0 | ND | |

NOTES:

HRO Heavy Range Organics (C24-C34) with Silica Gel Cleanup
 ND Not Detected at or above the stated MRL
 NA Not Applicable or Available
 MRL Method Reporting Limit
 AE Unknown hydrocarbon with a single peak
 AN Unknown hydrocarbon with several peaks

APPROVED BY: *elu*
 DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-33-6"
LAB NO: 157168
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 9:33
BATCH #: 080217S1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/10/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-------------------------------|-----------|--------------------|----------------|
| ACENAPHTHENE | 83-32-9 | 330 | ND |
| ACENAPHTHYLENE | 208-96-8 | 330 | ND |
| ANTHRACENE | 120-12-7 | 330 | ND |
| BENZO (A) ANTHRACENE | 56-55-3 | 330 | ND |
| BENZO (B) FLUORANTHENE | 205-99-2 | 330 | ND |
| BENZO (K) FLUORANTHENE | 207-08-9 | 330 | ND |
| BENZO (A) PYRENE | 50-32-8 | 330 | ND |
| BENZO (G,H,I) PERYLENE | 191-24-2 | 330 | ND |
| BENZYL ALCOHOL | 100-51-6 | 330 | ND |
| BUTYL BENZYL PHTHALATE | 85-68-7 | 330 | ND |
| BIS (2-CHLOROETHYL) ETHER | 111-44-4 | 330 | ND |
| BIS (2-CHLOROETHOXY) METHANE | 111-91-1 | 330 | ND |
| BIS (2-CHLOROISOPROPYL) ETHER | 108-80-1 | 330 | ND |
| BIS (2-ETHYLHEXYL) PHTHALATE | 117-81-7 | 330 | ND |
| 4-BROMOPHENYL PHENYL ETHER | 101-55-3 | 330 | ND |
| 4-CHLOROANILINE | 106-47-8 | 330 | ND |
| 2-CHLORONAPHTHALENE | 91-58-7 | 330 | ND |
| 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 330 | ND |
| CHRYSENE | 218-01-9 | 330 | ND |
| DIBENZO (A,H) ANTHRACENE | 53-70-3 | 330 | ND |
| DIBENZOFURAN | 132-64-9 | 330 | ND |
| DI-N-BUTYLPHTHALATE | 84-74-2 | 330 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 330 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 330 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 330 | ND |
| 3,3'-DICHLOROBENZIDINE | 91-94-1 | 660 | ND |
| DIETHYLPHTHALATE | 84-66-2 | 330 | ND |
| DIMETHYL PHTHALATE | 131-11-3 | 330 | ND |
| 2,4-DINITROTOLUENE | 121-14-2 | 330 | ND |
| 2,6-DINITROTOLUENE | 606-20-2 | 330 | ND |
| DI-N-OCTYL PHTHALATE | 117-84-0 | 330 | ND |
| DIPHENYLAMINE | 122-39-4 | 330 | ND |
| FLUORANTHENE | 206-44-0 | 330 | ND |
| FLUORENE | 86-73-7 | 330 | ND |
| HEXACHLOROBENZENE | 118-74-1 | 330 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 330 | ND |
| HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 330 | ND |
| HEXACHLOROETHANE | 67-72-1 | 330 | ND |
| INDENO (1,2,3-CD) PYRENE | 193-39-5 | 330 | ND |
| ISOPHORONE | 78-59-1 | 330 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-33-6"
LAB NO: 157168
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 9:33
BATCH #: 080217S1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/10/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|----------------------------|----------|-----------------|-------------|
| 2-METHYLNAPHTHALENE | 91-57-6 | 330 | ND |
| NAPHTHALENE | 91-20-3 | 330 | ND |
| 2-NITROANILINE | 88-74-4 | 1600 | ND |
| 3-NITROANILINE | 99-09-2 | 1600 | ND |
| 4-NITROANILINE | 100-01-6 | 1600 | ND |
| NITROBENZENE | 98-95-3 | 330 | ND |
| N-NITROSO-DI-N-PROPYLAMINE | 621-64-7 | 330 | ND |
| PHENANTHRENE | 85-01-8 | 330 | ND |
| PYRENE | 129-00-0 | 330 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 330 | ND |
| ACID EXTRACTABLES | | | |
| 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 660 | ND |
| 2-CHLOROPHENOL | 95-57-8 | 660 | ND |
| 2,4-DICHLOROPHENOL | 120-83-2 | 660 | ND |
| 2,4-DIMETHYLPHENOL | 105-67-9 | 660 | ND |
| 2,4-DINITROPHENOL | 51-28-5 | 1600 | ND |
| 4,6-DINITRO-2-METHYLPHENOL | 534-52-1 | 1600 | ND |
| 2-NITROPHENOL | 88-75-5 | 1600 | ND |
| 4-NITROPHENOL | 100-02-7 | 1600 | ND |
| PENTACHLOROPHENOL | 87-86-5 | 1600 | ND |
| PHENOL | 108-95-2 | 660 | ND |
| 2-METHYLPHENOL | 95-48-7 | 660 | ND |
| 4-METHYLPHENOL | 106-44-5 | 660 | ND |
| 2,4,5-TRICHLOROPHENOL | 95-95-4 | 1600 | ND |
| 2,4,6-TRICHLOROPHENOL | 88-06-2 | 1600 | ND |

| SURROGATE RECOVERY | % |
|----------------------|----|
| NITROBENZENE-D5 | 88 |
| 2-FLUOROBIPHENYL | 70 |
| P-TERPHENYL-D14 | 93 |
| PHENOL-D6 | 78 |
| 2-FLUOROPHENOL | 78 |
| 2,4,6-TRIBROMOPHENOL | 72 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: 
 DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-34-6"
LAB NO: 157169
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 9:35
BATCH #: 080217S1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/10/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-------------------------------|-----------|-----------------|-------------|
| ACENAPHTHENE | 83-32-9 | 330 | ND |
| ACENAPHTHYLENE | 208-96-8 | 330 | ND |
| ANTHRACENE | 120-12-7 | 330 | ND |
| BENZO (A) ANTHRACENE | 56-55-3 | 330 | ND |
| BENZO (B) FLUORANTHENE | 205-99-2 | 330 | ND |
| BENZO (K) FLUORANTHENE | 207-08-9 | 330 | ND |
| BENZO (A) PYRENE | 50-32-8 | 330 | ND |
| BENZO (G,H,I) PERYLENE | 191-24-2 | 330 | ND |
| BENZYL ALCOHOL | 100-51-6 | 330 | ND |
| BUTYL BENZYL PHTHALATE | 85-68-7 | 330 | ND |
| BIS (2-CHLOROETHYL) ETHER | 111-44-4 | 330 | ND |
| BIS (2-CHLOROETHOXY) METHANE | 111-91-1 | 330 | ND |
| BIS (2-CHLOROISOPROPYL) ETHER | 108-60-1 | 330 | ND |
| BIS (2-ETHYLHEXYL) PHTHALATE | 117-81-7 | 330 | ND |
| 4-BROMOPHENYL PHENYL ETHER | 101-55-3 | 330 | ND |
| 4-CHLOROANILINE | 106-47-8 | 330 | ND |
| 2-CHLORONAPHTHALENE | 91-58-7 | 330 | ND |
| 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 330 | ND |
| CHRYSENE | 218-01-9 | 330 | ND |
| DIBENZO (A,H) ANTHRACENE | 53-70-3 | 330 | ND |
| DIBENZOFURAN | 132-64-9 | 330 | ND |
| DI-N-BUTYL PHTHALATE | 84-74-2 | 330 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 330 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 330 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 330 | ND |
| 3,3'-DICHLOROBENZIDINE | 91-94-1 | 860 | ND |
| DIETHYL PHTHALATE | 84-66-2 | 330 | ND |
| DIMETHYL PHTHALATE | 131-11-3 | 330 | ND |
| 2,4-DINITROTOLUENE | 121-14-2 | 330 | ND |
| 2,6-DINITROTOLUENE | 606-20-2 | 330 | ND |
| DI-N-OCTYL PHTHALATE | 117-84-0 | 330 | ND |
| DIPHENYLAMINE | 122-39-4 | 330 | ND |
| FLUORANTHENE | 206-44-0 | 330 | ND |
| FLUORENE | 86-73-7 | 330 | ND |
| HEXACHLOROBENZENE | 118-74-1 | 330 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 330 | ND |
| HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 330 | ND |
| HEXACHLOROETHANE | 67-72-1 | 330 | ND |
| INDENO (1,2,3-CD) PYRENE | 193-39-5 | 330 | ND |
| ISOPHORONE | 78-59-1 | 330 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-56-8"
LAB NO: 157174
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 13:37
BATCH #: 080217S1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/10/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-------------------------------|-----------|--------------------|----------------|
| ACENAPHTHENE | 83-32-9 | 330 | ND |
| ACENAPHTHYLENE | 208-96-8 | 330 | ND |
| ANTHRACENE | 120-12-7 | 330 | ND |
| BENZO (A) ANTHRACENE | 56-55-3 | 330 | ND |
| BENZO (B) FLUORANTHENE | 205-99-2 | 330 | ND |
| BENZO (K) FLUORANTHENE | 207-08-9 | 330 | ND |
| BENZO (A) PYRENE | 50-32-8 | 330 | ND |
| BENZO (G,H,I) PERYLENE | 191-24-2 | 330 | ND |
| BENZYL ALCOHOL | 100-51-6 | 330 | ND |
| BUTYL BENZYL PHTHALATE | 85-68-7 | 330 | ND |
| BIS (2-CHLOROETHYL) ETHER | 111-44-4 | 330 | ND |
| BIS (2-CHLOROETHOXY) METHANE | 111-91-1 | 330 | ND |
| BIS (2-CHLOROISOPROPYL) ETHER | 108-60-1 | 330 | ND |
| BIS (2-ETHYLHEXYL) PHTHALATE | 117-81-7 | 330 | ND |
| 4-BROMOPHENYL PHENYL ETHER | 101-55-3 | 330 | ND |
| 4-CHLOROANILINE | 106-47-8 | 330 | ND |
| 2-CHLORONAPHTHALENE | 91-58-7 | 330 | ND |
| 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 330 | ND |
| CHRYSENE | 218-01-9 | 330 | ND |
| DIBENZO (A,H) ANTHRACENE | 53-70-3 | 330 | ND |
| DIBENZOFURAN | 132-64-9 | 330 | ND |
| DI-N-BUTYLPHTHALATE | 84-74-2 | 330 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 330 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 330 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 330 | ND |
| 3,3'-DICHLOROBENZIDINE | 91-94-1 | 660 | ND |
| DIETHYLPHTHALATE | 84-66-2 | 330 | ND |
| DIMETHYL PHTHALATE | 131-11-3 | 330 | ND |
| 2,4-DINITROTOLUENE | 121-14-2 | 330 | ND |
| 2,6-DINITROTOLUENE | 606-20-2 | 330 | ND |
| DI-N-OCTYL PHTHALATE | 117-84-0 | 330 | ND |
| DIPHENYLAMINE | 122-39-4 | 330 | ND |
| FLUORANTHENE | 206-44-0 | 330 | ND |
| FLUORENE | 86-73-7 | 330 | ND |
| HEXACHLOROBENZENE | 118-74-1 | 330 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 330 | ND |
| HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 330 | ND |
| HEXACHLOROETHANE | 67-72-1 | 330 | ND |
| INDENO (1,2,3-CD) PYRENE | 193-39-5 | 330 | ND |
| ISOPHORONE | 78-59-1 | 330 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-56-6"
LAB NO: 157174
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 13:37
BATCH #: 080217S1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/10/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|----------------------------|----------|-----------------|-------------|
| 2-METHYLNAPHTHALENE | 91-57-6 | 330 | ND |
| NAPHTHALENE | 91-20-3 | 330 | ND |
| 2-NITROANILINE | 88-74-4 | 1600 | ND |
| 3-NITROANILINE | 99-09-2 | 1600 | ND |
| 4-NITROANILINE | 100-01-6 | 1600 | ND |
| NITROBENZENE | 98-95-3 | 330 | ND |
| N-NITROSO-DI-N-PROPYLAMINE | 621-64-7 | 330 | ND |
| PHENANTHRENE | 85-01-8 | 330 | ND |
| PYRENE | 129-00-0 | 330 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 330 | ND |
| ACID EXTRACTABLES | | | |
| 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 660 | ND |
| 2-CHLOROPHENOL | 95-57-8 | 660 | ND |
| 2,4-DICHLOROPHENOL | 120-83-2 | 660 | ND |
| 2,4-DIMETHYLPHENOL | 105-67-9 | 660 | ND |
| 2,4-DINITROPHENOL | 51-28-5 | 1600 | ND |
| 4,6-DINITRO-2-METHYLPHENOL | 534-52-1 | 1600 | ND |
| 2-NITROPHENOL | 88-75-5 | 1600 | ND |
| 4-NITROPHENOL | 100-02-7 | 1600 | ND |
| PENTACHLOROPHENOL | 87-86-5 | 1600 | ND |
| PHENOL | 108-95-2 | 660 | ND |
| 2-METHYLPHENOL | 95-48-7 | 660 | ND |
| 4-METHYLPHENOL | 106-44-5 | 660 | ND |
| 2,4,5-TRICHLOROPHENOL | 95-95-4 | 1600 | ND |
| 2,4,6-TRICHLOROPHENOL | 88-06-2 | 1600 | ND |

| SURROGATE RECOVERY | % |
|----------------------|-----|
| NITROBENZENE-D5 | 89 |
| 2-FLUOROBIPHENYL | 72 |
| P-TERPHENYL-D14 | 101 |
| PHENOL-D6 | 79 |
| 2-FLUOROPHENOL | 74 |
| 2,4,6-TRIBROMOPHENOL | 79 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY:

DATE:

ew

08/14/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-57-6"
LAB NO: 157175
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 13:35
BATCH #: 080217S1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/10/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-------------------------------|-----------|--------------------|----------------|
| ACENAPHTHENE | 83-32-9 | 330 | ND |
| ACENAPHTHYLENE | 208-96-8 | 330 | ND |
| ANTHRACENE | 120-12-7 | 330 | ND |
| BENZO (A) ANTHRACENE | 56-55-3 | 330 | ND |
| BENZO (B) FLUORANTHENE | 205-99-2 | 330 | ND |
| BENZO (K) FLUORANTHENE | 207-08-9 | 330 | ND |
| BENZO (A) PYRENE | 50-32-8 | 330 | ND |
| BENZO (G,H,I) PERYLENE | 191-24-2 | 330 | ND |
| BENZYL ALCOHOL | 100-51-6 | 330 | ND |
| BUTYL BENZYL PHTHALATE | 85-68-7 | 330 | ND |
| BIS (2-CHLOROETHYL) ETHER | 111-44-4 | 330 | ND |
| BIS (2-CHLOROETHOXY) METHANE | 111-91-1 | 330 | ND |
| BIS (2-CHLOROISOPROPYL) ETHER | 108-60-1 | 330 | ND |
| BIS (2-ETHYLHEXYL) PHTHALATE | 117-81-7 | 330 | 380 |
| 4-BROMOPHENYL PHENYL ETHER | 101-55-3 | 330 | ND |
| 4-CHLOROANILINE | 106-47-8 | 330 | ND |
| 2-CHLORONAPHTHALENE | 91-58-7 | 330 | ND |
| 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 330 | ND |
| CHRYSENE | 218-01-9 | 330 | ND |
| DIBENZO (A,H) ANTHRACENE | 53-70-3 | 330 | ND |
| DIBENZOFURAN | 132-64-9 | 330 | ND |
| DI-N-BUTYLPHTHALATE | 84-74-2 | 330 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 330 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 330 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 330 | ND |
| 3,3'-DICHLOROBENZIDINE | 91-94-1 | 660 | ND |
| DIETHYLPHTHALATE | 84-66-2 | 330 | ND |
| DIMETHYL PHTHALATE | 131-11-3 | 330 | ND |
| 2,4-DINITROTOLUENE | 121-14-2 | 330 | ND |
| 2,6-DINITROTOLUENE | 606-20-2 | 330 | ND |
| DI-N-OCTYL PHTHALATE | 117-84-0 | 330 | ND |
| DIPHENYLAMINE | 122-39-4 | 330 | ND |
| FLUORANTHENE | 206-44-0 | 330 | ND |
| FLUORENE | 86-73-7 | 330 | ND |
| HEXACHLOROBENZENE | 118-74-1 | 330 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 330 | ND |
| HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 330 | ND |
| HEXACHLOROETHANE | 67-72-1 | 330 | ND |
| INDENO (1,2,3-CD) PYRENE | 193-39-5 | 330 | ND |
| ISOPHORONE | 78-59-1 | 330 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-57-6"
LAB NO: 157175
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 13:35
BATCH #: 080217S1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/10/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|----------------------------|----------|-----------------|-------------|
| 2-METHYLNAPHTHALENE | 91-57-6 | 330 | ND |
| NAPHTHALENE | 91-20-3 | 330 | ND |
| 2-NITROANILINE | 88-74-4 | 1600 | ND |
| 3-NITROANILINE | 99-09-2 | 1600 | ND |
| 4-NITROANILINE | 100-01-6 | 1600 | ND |
| NITROBENZENE | 98-95-3 | 330 | ND |
| N-NITROSO-DI-N-PROPYLAMINE | 621-64-7 | 330 | ND |
| PHENANTHRENE | 85-01-8 | 330 | ND |
| PYRENE | 129-00-0 | 330 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 330 | ND |
| ACID EXTRACTABLES | | | |
| 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 660 | ND |
| 2-CHLOROPHENOL | 95-57-8 | 660 | ND |
| 2,4-DICHLOROPHENOL | 120-83-2 | 660 | ND |
| 2,4-DIMETHYLPHENOL | 105-67-9 | 660 | ND |
| 2,4-DINITROPHENOL | 51-28-5 | 1600 | ND |
| 4,6-DINITRO-2-METHYLPHENOL | 534-52-1 | 1600 | ND |
| 2-NITROPHENOL | 88-75-5 | 1600 | ND |
| 4-NITROPHENOL | 100-02-7 | 1600 | ND |
| PENTACHLOROPHENOL | 87-86-5 | 1600 | ND |
| PHENOL | 108-95-2 | 660 | ND |
| 2-METHYLPHENOL | 95-48-7 | 660 | ND |
| 4-METHYLPHENOL | 106-44-5 | 660 | ND |
| 2,4,5-TRICHLOROPHENOL | 95-95-4 | 1600 | ND |
| 2,4,6-TRICHLOROPHENOL | 88-06-2 | 1600 | ND |

| SURROGATE RECOVERY | % |
|----------------------|-----|
| NITROBENZENE-D5 | 90 |
| 2-FLUOROBIPHENYL | 68 |
| P-TERPHENYL-D14 | 79 |
| PHENOL-D6 | 68 |
| 2-FLUOROPHENOL | 88 |
| 2,4,6-TRIBROMOPHENOL | 104 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: 
 DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-35-6"
LAB NO: 157176
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 14:00
BATCH #: 080217S1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/10/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-------------------------------|-----------|-----------------|-------------|
| ACENAPHTHENE | 83-32-9 | 330 | ND |
| ACENAPHTHYLENE | 208-96-8 | 330 | ND |
| ANTHRACENE | 120-12-7 | 330 | ND |
| BENZO (A) ANTHRACENE | 56-55-3 | 330 | ND |
| BENZO (B) FLUORANTHENE | 205-99-2 | 330 | ND |
| BENZO (K) FLUORANTHENE | 207-08-9 | 330 | ND |
| BENZO (A) PYRENE | 50-32-8 | 330 | ND |
| BENZO (G,H,I) PERYLENE | 191-24-2 | 330 | ND |
| BENZYL ALCOHOL | 100-51-6 | 330 | ND |
| BUTYL BENZYL PHTHALATE | 85-68-7 | 330 | ND |
| BIS (2-CHLOROETHYL) ETHER | 111-44-4 | 330 | ND |
| BIS (2-CHLOROETHOXY) METHANE | 111-91-1 | 330 | ND |
| BIS (2-CHLOROISOPROPYL) ETHER | 108-60-1 | 330 | ND |
| BIS (2-ETHYLHEXYL) PHTHALATE | 117-81-7 | 330 | ND |
| 4-BROMOPHENYL PHENYL ETHER | 101-55-3 | 330 | ND |
| 4-CHLOROANILINE | 106-47-8 | 330 | ND |
| 2-CHLORONAPHTHALENE | 91-58-7 | 330 | ND |
| 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 330 | ND |
| CHRYSENE | 218-01-9 | 330 | ND |
| DIBENZO (A,H) ANTHRACENE | 53-70-3 | 330 | ND |
| DIBENZOFURAN | 132-64-9 | 330 | ND |
| DI-N-BUTYLPHTHALATE | 84-74-2 | 330 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 330 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 330 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 330 | ND |
| 3,3'-DICHLOROBENZIDINE | 91-94-1 | 660 | ND |
| DIETHYLPHTHALATE | 84-66-2 | 330 | ND |
| DIMETHYL PHTHALATE | 131-11-3 | 330 | ND |
| 2,4-DINITROTOLUENE | 121-14-2 | 330 | ND |
| 2,6-DINITROTOLUENE | 606-20-2 | 330 | ND |
| DI-N-OCTYL PHTHALATE | 117-84-0 | 330 | ND |
| DIPHENYLAMINE | 122-39-4 | 330 | ND |
| FLUORANTHENE | 206-44-0 | 330 | ND |
| FLUORENE | 86-73-7 | 330 | ND |
| HEXACHLOROBENZENE | 118-74-1 | 330 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 330 | ND |
| HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 330 | ND |
| HEXACHLOROETHANE | 67-72-1 | 330 | ND |
| INDENO (1,2,3-CD) PYRENE | 193-39-5 | 330 | ND |
| ISOPHORONE | 78-59-1 | 330 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-35-6"
LAB NO: 157176
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 14:00
BATCH #: 080217S1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/10/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270


SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|----------------------------|----------|-----------------|-------------|
| 2-METHYLNAPHTHALENE | 91-57-8 | 330 | ND |
| NAPHTHALENE | 91-20-3 | 330 | ND |
| 2-NITROANILINE | 88-74-4 | 1600 | ND |
| 3-NITROANILINE | 99-09-2 | 1600 | ND |
| 4-NITROANILINE | 100-01-6 | 1600 | ND |
| NITROBENZENE | 98-95-3 | 330 | ND |
| N-NITROSO-DI-N-PROPYLAMINE | 621-64-7 | 330 | ND |
| PHENANTHRENE | 85-01-8 | 330 | ND |
| PYRENE | 129-00-0 | 330 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 330 | ND |
| ACID EXTRACTABLES | | | |
| 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 660 | ND |
| 2-CHLOROPHENOL | 95-57-8 | 660 | ND |
| 2,4-DICHLOROPHENOL | 120-83-2 | 660 | ND |
| 2,4-DIMETHYLPHENOL | 105-67-9 | 660 | ND |
| 2,4-DINITROPHENOL | 51-28-5 | 1600 | ND |
| 4,6-DINITRO-2-METHYLPHENOL | 534-52-1 | 1600 | ND |
| 2-NITROPHENOL | 88-75-5 | 1600 | ND |
| 4-NITROPHENOL | 100-02-7 | 1600 | ND |
| PENTACHLOROPHENOL | 87-86-5 | 1600 | ND |
| PHENOL | 108-95-2 | 660 | ND |
| 2-METHYLPHENOL | 95-48-7 | 660 | ND |
| 4-METHYLPHENOL | 106-44-5 | 660 | ND |
| 2,4,5-TRICHLOROPHENOL | 95-95-4 | 1600 | ND |
| 2,4,6-TRICHLOROPHENOL | 88-06-2 | 1600 | ND |

| SURROGATE RECOVERY | % |
|----------------------|-----|
| NITROBENZENE-D5 | 85 |
| 2-FLUOROBIPHENYL | 70 |
| P-TERPHENYL-D14 | 87 |
| PHENOL-D6 | 85 |
| 2-FLUOROPHENOL | 82 |
| 2,4,6-TRIBROMOPHENOL | 108 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: 
 DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-38-6"
LAB NO: 157177
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 14:02
BATCH #: 080217S1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/10/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-------------------------------|-----------|-----------------|-------------|
| ACENAPHTHENE | 83-32-9 | 330 | ND |
| ACENAPHTHYLENE | 208-96-8 | 330 | ND |
| ANTHRACENE | 120-12-7 | 330 | ND |
| BENZO (A) ANTHRACENE | 56-55-3 | 330 | ND |
| BENZO (B) FLUORANTHENE | 205-99-2 | 330 | ND |
| BENZO (K) FLUORANTHENE | 207-08-9 | 330 | ND |
| BENZO (A) PYRENE | 50-32-8 | 330 | ND |
| BENZO (G,H,I) PERYLENE | 191-24-2 | 330 | ND |
| BENZYL ALCOHOL | 100-51-6 | 330 | ND |
| BUTYL BENZYL PHTHALATE | 85-68-7 | 330 | ND |
| BIS (2-CHLOROETHYL) ETHER | 111-44-4 | 330 | ND |
| BIS (2-CHLOROETHOXY) METHANE | 111-91-1 | 330 | ND |
| BIS (2-CHLOROISOPROPYL) ETHER | 108-60-1 | 330 | ND |
| BIS (2-ETHYLHEXYL) PHTHALATE | 117-81-7 | 330 | ND |
| 4-BROMOPHENYL PHENYL ETHER | 101-55-3 | 330 | ND |
| 4-CHLOROANILINE | 106-47-8 | 330 | ND |
| 2-CHLORONAPHTHALENE | 91-58-7 | 330 | ND |
| 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 330 | ND |
| CHRYSENE | 218-01-9 | 330 | ND |
| DIBENZO (A,H) ANTHRACENE | 53-70-3 | 330 | ND |
| DIBENZOFURAN | 132-64-9 | 330 | ND |
| DI-N-BUTYL PHTHALATE | 84-74-2 | 330 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 330 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 330 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 330 | ND |
| 3,3'-DICHLOROBENZIDINE | 91-94-1 | 660 | ND |
| DIETHYL PHTHALATE | 84-66-2 | 330 | ND |
| DIMETHYL PHTHALATE | 131-11-3 | 330 | ND |
| 2,4-DINITROTOLUENE | 121-14-2 | 330 | ND |
| 2,6-DINITROTOLUENE | 606-20-2 | 330 | ND |
| DI-N-OCTYL PHTHALATE | 117-84-0 | 330 | ND |
| DIPHENYLAMINE | 122-39-4 | 330 | ND |
| FLUORANTHENE | 206-44-0 | 330 | ND |
| FLUORENE | 86-73-7 | 330 | ND |
| HEXACHLOROBENZENE | 118-74-1 | 330 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 330 | ND |
| HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 330 | ND |
| HEXACHLOROETHANE | 67-72-1 | 330 | ND |
| INDENO (1,2,3-CD) PYRENE | 193-39-5 | 330 | ND |
| ISOPHORONE | 78-59-1 | 330 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-36-6"
LAB NO: 157177
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 14:02
BATCH #: 080217S1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/10/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|----------------------------|----------|-----------------|-------------|
| 2-METHYLNAPHTHALENE | 91-57-6 | 330 | ND |
| NAPHTHALENE | 91-20-3 | 330 | ND |
| 2-NITROANILINE | 88-74-4 | 1600 | ND |
| 3-NITROANILINE | 99-09-2 | 1600 | ND |
| 4-NITROANILINE | 100-01-6 | 1600 | ND |
| NITROBENZENE | 98-95-3 | 330 | ND |
| N-NITROSO-DI-N-PROPYLAMINE | 621-64-7 | 330 | ND |
| PHENANTHRENE | 85-01-8 | 330 | ND |
| PYRENE | 129-00-0 | 330 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 330 | ND |
| ACID EXTRACTABLES | | | |
| 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 660 | ND |
| 2-CHLOROPHENOL | 95-57-8 | 660 | ND |
| 2,4-DICHLOROPHENOL | 120-83-2 | 660 | ND |
| 2,4-DIMETHYLPHENOL | 105-67-9 | 660 | ND |
| 2,4-DINITROPHENOL | 51-28-5 | 1600 | ND |
| 4,6-DINITRO-2-METHYLPHENOL | 534-52-1 | 1600 | ND |
| 2-NITROPHENOL | 88-75-5 | 1600 | ND |
| 4-NITROPHENOL | 100-02-7 | 1600 | ND |
| PENTACHLOROPHENOL | 87-86-5 | 1600 | ND |
| PHENOL | 108-95-2 | 660 | ND |
| 2-METHYLPHENOL | 95-48-7 | 660 | ND |
| 4-METHYLPHENOL | 108-44-5 | 660 | ND |
| 2,4,5-TRICHLOROPHENOL | 95-95-4 | 1600 | ND |
| 2,4,6-TRICHLOROPHENOL | 88-06-2 | 1600 | ND |

| SURROGATE RECOVERY | % |
|----------------------|----|
| NITROBENZENE-D5 | 89 |
| 2-FLUOROBIPHENYL | 70 |
| P-TERPHENYL-D14 | 89 |
| PHENOL-D6 | 78 |
| 2-FLUOROPHENOL | 73 |
| 2,4,6-TRIBROMOPHENOL | 86 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: 
 DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-52-6*
LAB NO: 157170
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 10:05
BATCH NO: 080217S1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/11/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------|------------|-----------------|-------------|
| ALPHA-BHC | 319-84-6 | 2.00 | ND |
| BETA-BHC | 319-85-7 | 2.00 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 2.00 | ND |
| HEPTACHLOR | 76-44-8 | 2.00 | ND |
| DELTA-BHC | 319-86-8 | 2.00 | ND |
| ALDRIN | 309-00-2 | 2.00 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 2.00 | ND |
| ENDOSULFAN I | 959-98-8 | 2.00 | ND |
| 4,4'-DDE | 72-55-9 | 2.00 | ND |
| DIELDRIN | 60-57-1 | 2.00 | ND |
| ENDRIN | 72-20-8 | 2.00 | ND |
| 4,4'-DDD | 72-54-8 | 2.00 | ND |
| ENDOSULFAN II | 33213-65-9 | 2.00 | ND |
| 4,4'-DDT | 50-29-3 | 2.00 | ND |
| ENDRIN ALDEHYDE | 7421-93-4 | 2.00 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 2.00 | ND |
| METHOXYCHLOR | 72-43-5 | 2.00 | ND |
| CHLORDANE | 57-74-9 | 2.00 | ND |
| TOXAPHENE | 8001-35-2 | 12.5 | ND |

| SURROGATE RECOVERY | % |
|--------------------|-----|
| TCMX | 115 |
| DCBP | 128 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: *[Signature]*
 DATE: 08/11/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-53-6"
LAB NO: 157171
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 10:15
BATCH NO: 080217S1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/11/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------|------------|-----------------|-------------|
| ALPHA-BHC | 319-84-6 | 2.00 | ND |
| BETA-BHC | 319-85-7 | 2.00 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 2.00 | ND |
| HEPTACHLOR | 76-44-8 | 2.00 | ND |
| DELTA-BHC | 319-86-8 | 2.00 | ND |
| ALDRIN | 309-00-2 | 2.00 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 2.00 | ND |
| ENDOSULFAN I | 959-98-8 | 2.00 | ND |
| 4,4'-DDE | 72-55-9 | 2.00 | ND |
| DIELDRIN | 60-57-1 | 2.00 | ND |
| ENDRIN | 72-20-8 | 2.00 | ND |
| 4,4'-DDD | 72-54-8 | 2.00 | ND |
| ENDOSULFAN II | 33213-65-9 | 2.00 | ND |
| 4,4'-DDT | 50-29-3 | 2.00 | ND |
| ENDRIN ALDEHYDE | 7421-93-4 | 2.00 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 2.00 | ND |
| METHOXYCHLOR | 72-43-5 | 2.00 | ND |
| CHLORDANE | 57-74-9 | 2.00 | ND |
| TOXAPHENE | 8001-35-2 | 12.5 | ND |

| SURROGATE RECOVERY | % |
|--------------------|----|
| TCMX | 94 |
| DCBP | 83 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: 

DATE: 08/11/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-54-6"
LAB NO: 157172
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 10:22
BATCH NO: 080217S1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/11/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------|------------|-----------------|-------------|
| ALPHA-BHC | 319-84-6 | 2.00 | ND |
| BETA-BHC | 319-85-7 | 2.00 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 2.00 | ND |
| HEPTACHLOR | 76-44-8 | 2.00 | ND |
| DELTA-BHC | 319-86-8 | 2.00 | ND |
| ALDRIN | 309-00-2 | 2.00 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 2.00 | ND |
| ENDOSULFAN I | 959-98-8 | 2.00 | ND |
| 4,4'-DDE | 72-55-9 | 2.00 | ND |
| DIELDRIN | 60-57-1 | 2.00 | ND |
| ENDRIN | 72-20-8 | 2.00 | ND |
| 4,4'-DDD | 72-54-8 | 2.00 | ND |
| ENDOSULFAN II | 33213-65-9 | 2.00 | ND |
| 4,4'-DDT | 50-29-3 | 2.00 | ND |
| ENDRIN ALDEHYDE | 7421-93-4 | 2.00 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 2.00 | ND |
| METHOXYCHLOR | 72-43-5 | 2.00 | ND |
| CHLORDANE | 57-74-9 | 2.00 | ND |
| TOXAPHENE | 8001-35-2 | 12.5 | ND |

| SURROGATE RECOVERY | % |
|--------------------|-----|
| TCMX | 121 |
| DCBP | 112 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: 
DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-55-6"
LAB NO: 157173
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 10:30
BATCH NO: 080217S1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/11/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------|------------|-----------------|-------------|
| ALPHA-BHC | 319-84-6 | 2.00 | ND |
| BETA-BHC | 319-85-7 | 2.00 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 2.00 | ND |
| HEPTACHLOR | 76-44-8 | 2.00 | ND |
| DELTA-BHC | 319-86-8 | 2.00 | ND |
| ALDRIN | 309-00-2 | 2.00 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 2.00 | ND |
| ENDOSULFAN I | 959-98-8 | 2.00 | ND |
| 4,4'-DDE | 72-55-9 | 2.00 | 6.34 |
| DIELDRIN | 60-57-1 | 2.00 | ND |
| ENDRIN | 72-20-8 | 2.00 | ND |
| 4,4'-DDD | 72-54-8 | 2.00 | 6.41 |
| ENDOSULFAN II | 33213-65-9 | 2.00 | ND |
| 4,4'-DDT | 50-29-3 | 2.00 | 14.9 |
| ENDRIN ALDEHYDE | 7421-93-4 | 2.00 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 2.00 | ND |
| METHOXYCHLOR | 72-43-5 | 2.00 | ND |
| CHLORDANE | 57-74-9 | 2.00 | 36.1 |
| TOXAPHENE | 8001-35-2 | 12.5 | ND |

| SURROGATE RECOVERY | % |
|--------------------|-----|
| TCMX | 100 |
| DCBP | 107 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: *lew*
 DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-56-6"
LAB NO: 157174
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 13:37
BATCH NO: 080217S1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/11/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------|------------|-----------------|-------------|
| ALPHA-BHC | 319-84-6 | 2.00 | ND |
| BETA-BHC | 319-85-7 | 2.00 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 2.00 | ND |
| HEPTACHLOR | 76-44-8 | 2.00 | ND |
| DELTA-BHC | 319-86-8 | 2.00 | ND |
| ALDRIN | 309-00-2 | 2.00 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 2.00 | ND |
| ENDOSULFAN I | 959-98-8 | 2.00 | ND |
| 4,4'-DDE | 72-55-9 | 2.00 | ND |
| DIELDRIN | 60-57-1 | 2.00 | ND |
| ENDRIN | 72-20-8 | 2.00 | ND |
| 4,4'-DDD | 72-54-8 | 2.00 | ND |
| ENDOSULFAN II | 33213-65-9 | 2.00 | ND |
| 4,4'-DDT | 50-29-3 | 2.00 | ND |
| ENDRIN ALDEHYDE | 7421-93-4 | 2.00 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 2.00 | ND |
| METHOXYCHLOR | 72-43-5 | 2.00 | ND |
| CHLORDANE | 57-74-9 | 2.00 | 7.70 |
| TOXAPHENE | 8001-35-2 | 12.5 | ND |

| SURROGATE RECOVERY | % |
|--------------------|-----|
| TCMX | 101 |
| DCBP | 107 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: 
DATE: 08/11/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-57-6"
LAB NO: 157175
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 13:35
BATCH NO: 080217S1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/11/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------|------------|-----------------|-------------|
| ALPHA-BHC | 319-84-6 | 2.00 | ND |
| BETA-BHC | 319-85-7 | 2.00 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 2.00 | ND |
| HEPTACHLOR | 76-44-8 | 2.00 | ND |
| DELTA-BHC | 319-86-8 | 2.00 | ND |
| ALDRIN | 309-00-2 | 2.00 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 2.00 | ND |
| ENDOSULFAN I | 959-98-8 | 2.00 | ND |
| 4,4'-DDE | 72-55-9 | 2.00 | ND |
| DIELDRIN | 60-57-1 | 2.00 | ND |
| ENDRIN | 72-20-8 | 2.00 | ND |
| 4,4'-DDD | 72-54-8 | 2.00 | ND |
| ENDOSULFAN II | 33213-65-9 | 2.00 | 5.09 |
| 4,4'-DDT | 50-29-3 | 2.00 | 9.55 |
| ENDRIN ALDEHYDE | 7421-93-4 | 2.00 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 2.00 | 4.43 |
| METHOXYCHLOR | 72-43-5 | 2.00 | ND |
| CHLORDANE | 57-74-9 | 2.00 | 9.36 |
| TOXAPHENE | 8001-35-2 | 12.5 | ND |

| SURROGATE RECOVERY | % |
|--------------------|-----|
| TCMX | 98 |
| DCBP | 110 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: 
DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-33-6"
LAB NO: 157168
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 9:33
BATCH NO: 073117S1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/10/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|----------------------|----------------|----------------------------|------------------------|
| AROCLOR 1016 | 12674-11-2 | 25.0 | ND |
| AROCLOR 1221 | 11104-28-2 | 25.0 | ND |
| AROCLOR 1232 | 11141-16-5 | 25.0 | ND |
| AROCLOR 1242 | 53469-21-9 | 25.0 | ND |
| AROCLOR 1248 | 12672-29-6 | 25.0 | ND |
| AROCLOR 1254 | 11097-69-1 | 25.0 | ND |
| AROCLOR 1260 | 11096-82-5 | 25.0 | ND |

| SURROGATE RECOVERY | % |
|---------------------------|----------|
| TCMX | 77 |
| DCBP | 106 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: 
DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-34-6"
LAB NO: 157169
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 9:35
BATCH NO: 073117S1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/10/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082


SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------|------------|--------------------|----------------|
| AROCLOR 1016 | 12674-11-2 | 25.0 | ND |
| AROCLOR 1221 | 11104-28-2 | 25.0 | ND |
| AROCLOR 1232 | 11141-16-5 | 25.0 | ND |
| AROCLOR 1242 | 53469-21-9 | 25.0 | ND |
| AROCLOR 1248 | 12672-29-6 | 25.0 | ND |
| AROCLOR 1254 | 11097-69-1 | 25.0 | ND |
| AROCLOR 1260 | 11096-82-5 | 25.0 | ND |

| SURROGATE RECOVERY | % |
|--------------------|----|
| TCMX | 64 |
| DCBP | 67 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: 
DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-52-6"
LAB NO: 157170
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 10:05
BATCH NO: 073117S1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/11/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------|------------|--------------------|----------------|
| AROCLOR 1016 | 12674-11-2 | 25.0 | ND |
| AROCLOR 1221 | 11104-28-2 | 25.0 | ND |
| AROCLOR 1232 | 11141-16-5 | 25.0 | ND |
| AROCLOR 1242 | 53469-21-9 | 25.0 | ND |
| AROCLOR 1248 | 12672-29-6 | 25.0 | ND |
| AROCLOR 1254 | 11097-69-1 | 25.0 | ND |
| AROCLOR 1260 | 11096-82-5 | 25.0 | ND |

| SURROGATE RECOVERY | % |
|--------------------|-----|
| TCMX | 136 |
| DCBP | 139 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: 
DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-53-6"
LAB NO: 157171
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 10:15
BATCH NO: 073117S1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/11/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------|------------|--------------------|----------------|
| AROCLOR 1016 | 12674-11-2 | 25.0 | ND |
| AROCLOR 1221 | 11104-28-2 | 25.0 | ND |
| AROCLOR 1232 | 11141-16-5 | 25.0 | ND |
| AROCLOR 1242 | 53489-21-9 | 25.0 | ND |
| AROCLOR 1248 | 12672-29-6 | 25.0 | ND |
| AROCLOR 1254 | 11097-69-1 | 25.0 | ND |
| AROCLOR 1260 | 11096-82-5 | 25.0 | ND |

| SURROGATE RECOVERY | % |
|--------------------|-----|
| TCMX | 111 |
| DCBP | 110 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: 
DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-54-6"
LAB NO: 157172
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 10:22
BATCH NO: 073117S1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/10/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082


SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------|------------|--------------------|----------------|
| AROCLOR 1016 | 12674-11-2 | 25.0 | ND |
| AROCLOR 1221 | 11104-28-2 | 25.0 | ND |
| AROCLOR 1232 | 11141-16-5 | 25.0 | ND |
| AROCLOR 1242 | 53469-21-9 | 25.0 | ND |
| AROCLOR 1248 | 12672-29-6 | 25.0 | ND |
| AROCLOR 1254 | 11097-69-1 | 25.0 | ND |
| AROCLOR 1260 | 11096-82-5 | 25.0 | ND |

| SURROGATE RECOVERY | % |
|--------------------|-----|
| TCMX | 103 |
| DCBP | 100 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: 
DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-55-6"
LAB NO: 157173
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 10:30
BATCH NO: 073117S1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/10/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------|------------|--------------------|----------------|
| AROCLOR 1016 | 12674-11-2 | 25.0 | ND |
| AROCLOR 1221 | 11104-28-2 | 25.0 | ND |
| AROCLOR 1232 | 11141-16-5 | 25.0 | ND |
| AROCLOR 1242 | 53469-21-9 | 25.0 | ND |
| AROCLOR 1248 | 12672-29-6 | 25.0 | ND |
| AROCLOR 1254 | 11097-69-1 | 25.0 | ND |
| AROCLOR 1260 | 11096-82-5 | 25.0 | ND |

| SURROGATE RECOVERY | % |
|--------------------|----|
| TCMX | 89 |
| DCBP | 97 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: *DLW*
DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-35-6"
LAB NO: 157176
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 14:00
BATCH NO: 073117S1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/10/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------|------------|--------------------|----------------|
| AROCLOR 1018 | 12674-11-2 | 25.0 | ND |
| AROCLOR 1221 | 11104-28-2 | 25.0 | ND |
| AROCLOR 1232 | 11141-16-5 | 25.0 | ND |
| AROCLOR 1242 | 53469-21-9 | 25.0 | ND |
| AROCLOR 1248 | 12672-29-6 | 25.0 | ND |
| AROCLOR 1254 | 11097-69-1 | 25.0 | ND |
| AROCLOR 1260 | 11096-82-5 | 25.0 | ND |

| SURROGATE RECOVERY | % |
|--------------------|-----|
| TCMX | 89 |
| DCBP | 130 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: 
DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-36-6"
LAB NO: 157177
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 14:02
BATCH NO: 073117S1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/10/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082


SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------|------------|-----------------|-------------|
| AROCLOR 1016 | 12674-11-2 | 25.0 | ND |
| AROCLOR 1221 | 11104-28-2 | 25.0 | ND |
| AROCLOR 1232 | 11141-16-5 | 25.0 | ND |
| AROCLOR 1242 | 53469-21-9 | 25.0 | ND |
| AROCLOR 1248 | 12672-29-6 | 25.0 | ND |
| AROCLOR 1254 | 11097-69-1 | 25.0 | ND |
| AROCLOR 1260 | 11096-82-5 | 25.0 | ND |

| SURROGATE RECOVERY | % |
|--------------------|-----|
| TCMX | 85 |
| DCBP | 124 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: 
DATE: 08/10/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE ID: S-SB-33-6"
LAB NO: 157168
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 9:33
BATCH ID: 080917S1

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT NAME | | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|--------------|----|---------------|-----------------|-------------|
| ANTIMONY | Sb | 08/10/2017 | 2.50 | ND |
| ARSENIC | As | 08/10/2017 | 2.50 | ND |
| BARIUM | Ba | 08/10/2017 | 2.50 | 122 |
| BERYLLIUM | Be | 08/10/2017 | 2.50 | ND |
| CADMIUM | Cd | 08/10/2017 | 2.50 | ND |
| CHROMIUM | Cr | 08/10/2017 | 2.50 | 22.0 |
| COBALT | Co | 08/10/2017 | 2.50 | 5.85 |
| COPPER | Cu | 08/10/2017 | 2.50 | 31.9 |
| LEAD | Pb | 08/10/2017 | 2.50 | 63.5 |
| MERCURY | Hg | 08/10/2017 | 0.100 | 0.336 |
| MOLYBDENUM | Mo | 08/10/2017 | 2.50 | ND |
| NICKEL | Ni | 08/10/2017 | 2.50 | 30.3 |
| SELENIUM | Se | 08/10/2017 | 2.50 | ND |
| SILVER | Ag | 08/10/2017 | 2.50 | ND |
| THALLIUM | Tl | 08/10/2017 | 2.50 | ND |
| VANADIUM | V | 08/10/2017 | 2.50 | 17.2 |
| ZINC | Zn | 08/10/2017 | 2.50 | 99.6 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: ew

DATE: 28/10/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE ID: S-SB-34-6"
LAB NO: 157169
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 9:35
BATCH ID: 080917S1

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT NAME | | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|-----------------|----|------------------|--------------------|----------------|
| ANTIMONY | Sb | 08/10/2017 | 2.50 | ND |
| ARSENIC | As | 08/10/2017 | 2.50 | 4.18 |
| BARIUM | Ba | 08/10/2017 | 2.50 | 70.8 |
| BERYLLIUM | Be | 08/10/2017 | 2.50 | ND |
| CADMIUM | Cd | 08/10/2017 | 2.50 | ND |
| CHROMIUM | Cr | 08/10/2017 | 2.50 | 10.8 |
| COBALT | Co | 08/10/2017 | 2.50 | 3.96 |
| COPPER | Cu | 08/10/2017 | 2.50 | 14.9 |
| LEAD | Pb | 08/10/2017 | 2.50 | 62.6 |
| MERCURY | Hg | 08/10/2017 | 0.100 | ND |
| MOLYBDENUM | Mo | 08/10/2017 | 2.50 | ND |
| NICKEL | Ni | 08/10/2017 | 2.50 | 22.7 |
| SELENIUM | Se | 08/10/2017 | 2.50 | 4.52 |
| SILVER | Ag | 08/10/2017 | 2.50 | ND |
| THALLIUM | Tl | 08/10/2017 | 2.50 | ND |
| VANADIUM | V | 08/10/2017 | 2.50 | 9.84 |
| ZINC | Zn | 08/10/2017 | 2.50 | 69.1 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: 

DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-52-6"
LAB NO: 157170
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 10:05
BATCH ID: 080917S1

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT NAME | | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|-----------------|----|------------------|--------------------|----------------|
| ANTIMONY | Sb | 08/10/2017 | 2.50 | ND |
| ARSENIC | As | 08/10/2017 | 2.50 | 8.73 |
| BARIUM | Ba | 08/10/2017 | 2.50 | 102 |
| BERYLLIUM | Be | 08/10/2017 | 2.50 | ND |
| CADMIUM | Cd | 08/10/2017 | 2.50 | ND |
| CHROMIUM | Cr | 08/10/2017 | 2.50 | 72.0 |
| COBALT | Co | 08/10/2017 | 2.50 | 12.2 |
| COPPER | Cu | 08/10/2017 | 2.50 | 21.0 |
| LEAD | Pb | 08/10/2017 | 2.50 | 88.1 |
| MERCURY | Hg | 08/10/2017 | 0.100 | 0.122 |
| MOLYBDENUM | Mo | 08/10/2017 | 2.50 | ND |
| NICKEL | Ni | 08/10/2017 | 2.50 | 62.6 |
| SELENIUM | Se | 08/10/2017 | 2.50 | ND |
| SILVER | Ag | 08/10/2017 | 2.50 | ND |
| THALLIUM | Tl | 08/10/2017 | 2.50 | ND |
| VANADIUM | V | 08/10/2017 | 2.50 | 37.6 |
| ZINC | Zn | 08/10/2017 | 2.50 | 107 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: 
DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE ID: S-SB-53-6"
LAB NO: 157171
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 10:15
BATCH ID: 080917S1

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT NAME | | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|--------------|----|---------------|-----------------|-------------|
| ANTIMONY | Sb | 08/10/2017 | 2.50 | ND |
| ARSENIC | As | 08/10/2017 | 2.50 | 13.8 |
| BARIUM | Ba | 08/10/2017 | 2.50 | 107 |
| BERYLLIUM | Be | 08/10/2017 | 2.50 | ND |
| CADMIUM | Cd | 08/10/2017 | 2.50 | ND |
| CHROMIUM | Cr | 08/10/2017 | 2.50 | 14.9 |
| COBALT | Co | 08/10/2017 | 2.50 | 8.56 |
| COPPER | Cu | 08/10/2017 | 2.50 | 9.10 |
| LEAD | Pb | 08/10/2017 | 2.50 | 31.1 |
| MERCURY | Hg | 08/10/2017 | 0.100 | ND |
| MOLYBDENUM | Mo | 08/10/2017 | 2.50 | ND |
| NICKEL | Ni | 08/10/2017 | 2.50 | 12.5 |
| SELENIUM | Se | 08/10/2017 | 2.50 | ND |
| SILVER | Ag | 08/10/2017 | 2.50 | ND |
| THALLIUM | Tl | 08/10/2017 | 2.50 | ND |
| VANADIUM | V | 08/10/2017 | 2.50 | 36.2 |
| ZINC | Zn | 08/10/2017 | 2.50 | 35.6 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: 
DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9988
CLIENT PROJECT: 2382

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE ID: S-SB-54-6"
LAB NO: 157172
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 10:22
BATCH ID: 080917S1

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT NAME | | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|--------------|----|---------------|-----------------|-------------|
| ANTIMONY | Sb | 08/10/2017 | 2.50 | ND |
| ARSENIC | As | 08/10/2017 | 2.50 | 6.35 |
| BARIUM | Ba | 08/10/2017 | 2.50 | 87.9 |
| BERYLLIUM | Be | 08/10/2017 | 2.50 | ND |
| CADMIUM | Cd | 08/10/2017 | 2.50 | ND |
| CHROMIUM | Cr | 08/10/2017 | 2.50 | 12.6 |
| COBALT | Co | 08/10/2017 | 2.50 | 7.13 |
| COPPER | Cu | 08/10/2017 | 2.50 | 7.74 |
| LEAD | Pb | 08/10/2017 | 2.50 | 17.0 |
| MERCURY | Hg | 08/10/2017 | 0.100 | ND |
| MOLYBDENUM | Mo | 08/10/2017 | 2.50 | ND |
| NICKEL | Ni | 08/10/2017 | 2.50 | 8.29 |
| SELENIUM | Se | 08/10/2017 | 2.50 | ND |
| SILVER | Ag | 08/10/2017 | 2.50 | ND |
| THALLIUM | Tl | 08/10/2017 | 2.50 | ND |
| VANADIUM | V | 08/10/2017 | 2.50 | 33.5 |
| ZINC | Zn | 08/10/2017 | 2.50 | 20.0 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: 
DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE ID: S-SB-55-6"
LAB NO: 157173
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 10:30
BATCH ID: 080917S1

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT NAME | | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|--------------|----|---------------|-----------------|-------------|
| ANTIMONY | Sb | 08/10/2017 | 2.50 | ND |
| ARSENIC | As | 08/10/2017 | 2.50 | 21.8 |
| BARIUM | Ba | 08/10/2017 | 2.50 | 112 |
| BERYLLIUM | Be | 08/10/2017 | 2.50 | ND |
| CADMIUM | Cd | 08/10/2017 | 2.50 | ND |
| CHROMIUM | Cr | 08/10/2017 | 2.50 | 87.1 |
| COBALT | Co | 08/10/2017 | 2.50 | 10.7 |
| COPPER | Cu | 08/10/2017 | 2.50 | 50.2 |
| LEAD | Pb | 08/10/2017 | 2.50 | 154 |
| MERCURY | Hg | 08/10/2017 | 0.100 | 1.12 |
| MOLYBDENUM | Mo | 08/10/2017 | 2.50 | ND |
| NICKEL | Ni | 08/10/2017 | 2.50 | 75.6 |
| SELENIUM | Se | 08/10/2017 | 2.50 | ND |
| SILVER | Ag | 08/10/2017 | 2.50 | ND |
| THALLIUM | Tl | 08/10/2017 | 2.50 | ND |
| VANADIUM | V | 08/10/2017 | 2.50 | 37.2 |
| ZINC | Zn | 08/10/2017 | 2.50 | 251 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: 

DATE: 08/11/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE ID: S-SB-56-6"
LAB NO: 157174
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 13:37
BATCH ID: 080917S1

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT NAME | | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|-----------------|----|------------------|--------------------|----------------|
| ANTIMONY | Sb | 08/10/2017 | 2.50 | ND |
| ARSENIC | As | 08/10/2017 | 2.50 | 3.96 |
| BARIIUM | Ba | 08/10/2017 | 2.50 | 155 |
| BERYLLIUM | Be | 08/10/2017 | 2.50 | ND |
| CADMIUM | Cd | 08/10/2017 | 2.50 | ND |
| CHROMIUM | Cr | 08/10/2017 | 2.50 | 45.3 |
| COBALT | Co | 08/10/2017 | 2.50 | 15.8 |
| COPPER | Cu | 08/10/2017 | 2.50 | 27.6 |
| LEAD | Pb | 08/10/2017 | 2.50 | 116 |
| MERCURY | Hg | 08/10/2017 | 0.100 | ND |
| MOLYBDENUM | Mo | 08/10/2017 | 2.50 | ND |
| NICKEL | Ni | 08/10/2017 | 2.50 | 59.0 |
| SELENIUM | Se | 08/10/2017 | 2.50 | ND |
| SILVER | Ag | 08/10/2017 | 2.50 | ND |
| THALLIUM | Tl | 08/10/2017 | 2.50 | ND |
| VANADIUM | V | 08/10/2017 | 2.50 | 62.5 |
| ZINC | Zn | 08/10/2017 | 2.50 | 80.4 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: 

DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-57-6"
LAB NO: 157175
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 13:35
BATCH ID: 080917S1

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT NAME | | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|-----------------|----|------------------|--------------------|----------------|
| ANTIMONY | Sb | 08/10/2017 | 2.50 | ND |
| ARSENIC | As | 08/10/2017 | 2.50 | 5.59 |
| BARIUM | Ba | 08/10/2017 | 2.50 | 96.0 |
| BERYLLIUM | Be | 08/10/2017 | 2.50 | ND |
| CADMIUM | Cd | 08/10/2017 | 2.50 | ND |
| CHROMIUM | Cr | 08/10/2017 | 2.50 | 77.5 |
| COBALT | Co | 08/10/2017 | 2.50 | 12.1 |
| COPPER | Cu | 08/10/2017 | 2.50 | 24.9 |
| LEAD | Pb | 08/10/2017 | 2.50 | 68.4 |
| MERCURY | Hg | 08/10/2017 | 0.100 | 0.152 |
| MOLYBDENUM | Mo | 08/10/2017 | 2.50 | ND |
| NICKEL | Ni | 08/10/2017 | 2.50 | 86.5 |
| SELENIUM | Se | 08/10/2017 | 2.50 | ND |
| SILVER | Ag | 08/10/2017 | 2.50 | ND |
| THALLIUM | Tl | 08/10/2017 | 2.50 | ND |
| VANADIUM | V | 08/10/2017 | 2.50 | 40.1 |
| ZINC | Zn | 08/10/2017 | 2.50 | 140 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: 

DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE ID: S-SB-35-6"
LAB NO: 157176
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 14:00
BATCH ID: 080917S1

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT NAME | | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|-----------------|----|------------------|--------------------|----------------|
| ANTIMONY | Sb | 08/10/2017 | 2.50 | ND |
| ARSENIC | As | 08/10/2017 | 2.50 | 36.3 |
| BARIUM | Ba | 08/10/2017 | 2.50 | 151 |
| BERYLLIUM | Be | 08/10/2017 | 2.50 | ND |
| CADMIUM | Cd | 08/10/2017 | 2.50 | ND |
| CHROMIUM | Cr | 08/10/2017 | 2.50 | 39.7 |
| COBALT | Co | 08/10/2017 | 2.50 | 11.7 |
| COPPER | Cu | 08/10/2017 | 2.50 | 18.2 |
| LEAD | Pb | 08/10/2017 | 2.50 | 116 |
| MERCURY | Hg | 08/10/2017 | 0.100 | 0.173 |
| MOLYBDENUM | Mo | 08/10/2017 | 2.50 | ND |
| NICKEL | Ni | 08/10/2017 | 2.50 | 51.7 |
| SELENIUM | Se | 08/10/2017 | 2.50 | ND |
| SILVER | Ag | 08/10/2017 | 2.50 | ND |
| THALLIUM | Tl | 08/10/2017 | 2.50 | ND |
| VANADIUM | V | 08/10/2017 | 2.50 | 30.4 |
| ZINC | Zn | 08/10/2017 | 2.50 | 77.0 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: 

DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE ID: S-SB-36-6"
LAB NO: 157177
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 14:02
BATCH ID: 080917S1

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT NAME | | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|-----------------|----|------------------|--------------------|----------------|
| ANTIMONY | Sb | 08/10/2017 | 2.50 | ND |
| ARSENIC | As | 08/10/2017 | 2.50 | 19.8 |
| BARIUM | Ba | 08/10/2017 | 2.50 | 119 |
| BERYLLIUM | Be | 08/10/2017 | 2.50 | ND |
| CADMIUM | Cd | 08/10/2017 | 2.50 | ND |
| CHROMIUM | Cr | 08/10/2017 | 2.50 | 69.0 |
| COBALT | Co | 08/10/2017 | 2.50 | 9.86 |
| COPPER | Cu | 08/10/2017 | 2.50 | 18.9 |
| LEAD | Pb | 08/10/2017 | 2.50 | 47.5 |
| MERCURY | Hg | 08/10/2017 | 0.100 | 0.158 |
| MOLYBDENUM | Mo | 08/10/2017 | 2.50 | ND |
| NICKEL | Ni | 08/10/2017 | 2.50 | 90.7 |
| SELENIUM | Se | 08/10/2017 | 2.50 | ND |
| SILVER | Ag | 08/10/2017 | 2.50 | ND |
| THALLIUM | Tl | 08/10/2017 | 2.50 | ND |
| VANADIUM | V | 08/10/2017 | 2.50 | 32.2 |
| ZINC | Zn | 08/10/2017 | 2.50 | 54.7 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: 

DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

METHOD: HEXAVALENT CHROMIUM
REFERENCE: WET-DI/EPA 7199

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE TYPE: SOIL
UNITS: mg/kg

| SAMPLE ID | LAB ID # | DATE SAMPLED | BATCH ID | DATE ANALYZED | MRL | SAMPLE CONC |
|------------|----------|--------------|----------|---------------|-------|-------------|
| S-SB-33-6" | 157168 | 08/08/2017 | 081017S1 | 8/10/2017 | 0.250 | 1.55 |
| S-SB-34-6" | 157169 | 08/08/2017 | 081017S1 | 8/10/2017 | 0.250 | ND |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE
MRL - METHOD REPORTING LIMIT

APPROVED BY: 

DATE: 08/14/17

K PRIME, INC.
LABORATORY QC REPORT

METHOD BLANK ID: B080917S1
BATCH NO: 080917S1
SAMPLE TYPE: SOIL
UNITS: mg/Kg

METHOD: GRO-GASOLINE RANGE ORGANICS
REFERENCE: EPA 8015B

DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/09/2017

| COMPOUND NAME | REPORTING LIMIT | SAMPLE CONC |
|---------------|-----------------|-------------|
| TPH-G | 1.00 | ND |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

SAMPLE ID: L080917S1
DUPLICATE ID: D080917S1
BATCH NO: 080917S1
SAMPLE TYPE: SOIL
UNITS: mg/Kg

DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/09/2017

ACCURACY (MATRIX SPIKE)

| COMPOUND NAME | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|---------------|-------------|---------------|--------------|--------------|------------|
| TPH-G | 5.00 | ND | 5.80 | 116 | 60-140 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|---------------|-----------------|--------------|------------------|---------|------------|
| TPH-G | 1.00 | 5.80 | 5.95 | 2.5 | ±20 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

METHOD BLANK ID: B081017S1
BATCH NO: 081017S1
DATE ANALYZED: 08/10/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------------|------------|--------------------|----------------|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 1.50 | ND |
| CHLOROMETHANE | 74-87-3 | 1.50 | ND |
| VINYL CHLORIDE | 75-01-4 | 1.50 | ND |
| BROMOMETHANE | 74-83-9 | 1.50 | ND |
| CHLOROETHANE | 75-00-3 | 1.50 | ND |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 1.50 | ND |
| 1,1-DICHLOROETHENE | 75-35-4 | 1.50 | ND |
| TRICHLOROTRIFLUOROETHANE | 76-13-1 | 1.50 | ND |
| METHYLENE CHLORIDE | 75-09-2 | 7.50 | ND |
| TRANS-1,2-DICHLOROETHENE | 156-60-5 | 1.50 | ND |
| 1,1-DICHLOROETHANE | 75-34-3 | 1.50 | ND |
| CIS-1,2-DICHLOROETHENE | 156-59-2 | 1.50 | ND |
| 2,2-DICHLOROPROPANE | 594-20-7 | 1.50 | ND |
| BROMOCHLOROMETHANE | 74-97-5 | 1.50 | ND |
| CHLOROFORM | 67-66-3 | 1.50 | ND |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 1.50 | ND |
| CARBON TETRACHLORIDE | 56-23-5 | 1.50 | ND |
| 1,1-DICHLOROPROPENE | 563-58-6 | 1.50 | ND |
| BENZENE | 71-43-2 | 1.50 | ND |
| 1,2-DICHLOROETHANE | 107-06-2 | 1.50 | ND |
| TRICHLOROETHENE | 79-01-6 | 1.50 | ND |
| 1,2-DICHLOROPROPANE | 78-87-5 | 1.50 | ND |
| DIBROMOMETHANE | 74-95-3 | 1.50 | ND |
| BROMODICHLOROMETHANE | 75-27-4 | 1.50 | ND |
| TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | 1.50 | ND |
| TOLUENE | 108-88-3 | 1.50 | ND |
| CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 1.50 | ND |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 1.50 | ND |
| TETRACHLOROETHENE | 127-18-4 | 1.50 | ND |
| 1,3-DICHLOROPROPANE | 142-28-9 | 1.50 | ND |
| DIBROMOCHLOROMETHANE | 124-48-1 | 1.50 | ND |
| 1,2-DIBROMOETHANE | 106-93-4 | 1.50 | ND |
| CHLOROBENZENE | 108-90-7 | 1.50 | ND |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 1.50 | ND |
| ETHYLBENZENE | 100-41-4 | 1.50 | ND |
| XYLENE (M+P) | 1330-20-7 | 1.50 | ND |
| XYLENE (O) | 1330-20-7 | 1.50 | ND |
| STYRENE | 100-42-5 | 1.50 | ND |
| BROMOFORM | 75-25-2 | 1.50 | ND |
| ISOPROPYLBENZENE | 98-82-8 | 1.50 | ND |
| 1,1,1,2-TETRACHLOROETHANE | 79-34-5 | 1.50 | ND |
| BROMOBENZENE | 108-86-1 | 1.50 | ND |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 1.50 | ND |
| N-PROPYLBENZENE | 103-65-1 | 1.50 | ND |
| 2-CHLOROTOLUENE | 95-49-8 | 1.50 | ND |

K PRIME, INC.
LABORATORY BATCH QC REPORT

METHOD BLANK ID: B081017S1
BATCH NO: 081017S1
DATE ANALYZED: 08/10/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-----------------------------|----------|--------------------|----------------|
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 1.50 | ND |
| 4-CHLOROTOLUENE | 106-43-4 | 1.50 | ND |
| TERT-BUTYLBENZENE | 98-06-6 | 1.50 | ND |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 1.50 | ND |
| SEC-BUTYLBENZENE | 135-98-8 | 1.50 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 1.50 | ND |
| 4-ISOPROPYLTOLUENE | 99-87-6 | 1.50 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 1.50 | ND |
| N-BUTYLBENZENE | 104-51-8 | 1.50 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 1.50 | ND |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 1.50 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 3.00 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 3.00 | ND |
| NAPHTHALENE | 91-20-3 | 3.00 | ND |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 3.00 | ND |

| SURROGATE RECOVERY | % |
|----------------------|-----|
| DIBROMOFLUOROMETHANE | 124 |
| TOLUENE-D8 | 109 |
| 4-BROMOFLUOROBENZENE | 87 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: B081017S1
SPIKE ID: L081017S1
DUPLICATE ID: D081017S1
BATCH NO: 081017S1
DATE ANALYZED: 08/10/2017
SAMPLE TYPE: SOIL
UNITS: µg/Kg

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

ACCURACY (MATRIX SPIKE)

| COMPOUND NAME | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|--------------------|----------------|------------------|-----------------|-----------------|---------------|
| 1,1 DICHLOROETHENE | 30.0 | ND | 20.1 | 67 | 60-140 |
| BENZENE | 30.0 | ND | 25.6 | 85 | 60-140 |
| TRICHLOROETHENE | 30.0 | ND | 25.9 | 86 | 60-140 |
| TOLUENE | 30.0 | ND | 25.1 | 84 | 60-140 |
| CHLOROBENZENE | 30.0 | ND | 24.8 | 83 | 60-140 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|--------------------|--------------------|-----------------|---------------------|------------|---------------|
| 1,1 DICHLOROETHENE | 1.50 | 20.1 | 21.6 | 7.0 | ±20 |
| BENZENE | 1.50 | 25.6 | 26.8 | 4.5 | ±20 |
| TRICHLOROETHENE | 1.50 | 25.9 | 26.7 | 3.0 | ±20 |
| TOLUENE | 1.50 | 25.1 | 25.7 | 2.4 | ±20 |
| CHLOROBENZENE | 1.50 | 24.8 | 25.2 | 1.5 | ±20 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

K PRIME, INC.
LABORATORY QUALITY CONTROL REPORT

BATCH ID: 080717S1
DATE EXTRACTED: 08/07/2017
DATE ANALYZED: 08/07/2017

METHOD: DRO
REFERENCE: EPA 8015B

SAMPLE TYPE: SOIL
UNITS: mg/Kg

METHOD BLANK ID: B080717S1

| COMPOUND NAME | REPORTING LIMIT | SAMPLE CONC |
|---------------|-----------------|-------------|
| DRO | 10.0 | ND |

SAMPLE ID: L080717S1
DUPLICATE ID: D080717S1

ACCURACY (MATRIX SPIKE)

| PARAMETER | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|-----------|-------------|---------------|--------------|--------------|------------|
| DRO | 500 | ND | 433 | 87 | 60-140 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|---------------|-----------------|--------------|------------------|---------|------------|
| DRO | 10.0 | 433 | 445 | 2.9 | ±20 |

NOTES:

DRO - DIESEL RANGE ORGANICS (C12-C34)
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

K PRIME, INC.
LABORATORY QC REPORT

METHOD BLANK ID: B080217S1
BATCH #: 080217S1
DATE EXTRACTED: 08/02/2017
DATE ANALYZED: 08/02/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-------------------------------|-----------|--------------------|----------------|
| ACENAPHTHENE | 83-32-9 | 330 | ND |
| ACENAPHTHYLENE | 208-96-8 | 330 | ND |
| ANTHRACENE | 120-12-7 | 330 | ND |
| BENZO (A) ANTHRACENE | 56-55-3 | 330 | ND |
| BENZO (B) FLUORANTHENE | 205-99-2 | 330 | ND |
| BENZO (K) FLUORANTHENE | 207-08-9 | 330 | ND |
| BENZO (A) PYRENE | 50-32-8 | 330 | ND |
| BENZO (G,H,I) PERYLENE | 191-24-2 | 330 | ND |
| BENZYL ALCOHOL | 100-51-6 | 330 | ND |
| BUTYL BENZYL PHTHALATE | 85-68-7 | 330 | ND |
| BIS (2-CHLOROETHYL) ETHER | 111-44-4 | 330 | ND |
| BIS (2-CHLOROETHOXY) METHANE | 111-91-1 | 330 | ND |
| BIS (2-CHLOROISOPROPYL) ETHER | 108-60-1 | 330 | ND |
| BIS (2-ETHYLHEXYL) PHTHALATE | 117-81-7 | 330 | ND |
| 4-BROMOPHENYL PHENYL ETHER | 101-55-3 | 330 | ND |
| 4-CHLOROANILINE | 106-47-8 | 330 | ND |
| 2-CHLORONAPHTHALENE | 91-58-7 | 330 | ND |
| 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 330 | ND |
| CHRYSENE | 218-01-9 | 330 | ND |
| DIBENZO (A,H) ANTHRACENE | 53-70-3 | 330 | ND |
| DIBENZOFURAN | 132-64-9 | 330 | ND |
| DI-N-BUTYLPHTHALATE | 84-74-2 | 330 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 330 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 330 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 330 | ND |
| 3,3'-DICHLOROBENZIDINE | 91-94-1 | 660 | ND |
| DIETHYLPHTHALATE | 84-66-2 | 330 | ND |
| DIMETHYL PHTHALATE | 131-11-3 | 330 | ND |
| 2,4-DINITROTOLUENE | 121-14-2 | 330 | ND |
| 2,6-DINITROTOLUENE | 606-20-2 | 330 | ND |
| DI-N-OCTYL PHTHALATE | 117-84-0 | 330 | ND |
| DIPHENYLAMINE | 122-39-4 | 330 | ND |
| FLUORANTHENE | 206-44-0 | 330 | ND |
| FLUORENE | 86-73-7 | 330 | ND |
| HEXACHLOROBENZENE | 118-74-1 | 330 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 330 | ND |
| HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 330 | ND |
| HEXACHLOROETHANE | 67-72-1 | 330 | ND |
| INDENO (1,2,3-CD) PYRENE | 193-39-5 | 330 | ND |
| ISOPHORONE | 78-59-1 | 330 | ND |

K PRIME, INC.
LABORATORY QC REPORT

METHOD BLANK ID: B080217S1
 BATCH #: 080217S1
 DATE EXTRACTED: 08/02/2017
 DATE ANALYZED: 08/02/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
 REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
 UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|----------------------------|----------|--------------------|----------------|
| 2-METHYLNAPHTHALENE | 91-57-6 | 330 | ND |
| NAPHTHALENE | 91-20-3 | 330 | ND |
| 2-NITROANILINE | 88-74-4 | 1600 | ND |
| 3-NITROANILINE | 99-09-2 | 1600 | ND |
| 4-NITROANILINE | 100-01-8 | 1600 | ND |
| NITROBENZENE | 98-95-3 | 330 | ND |
| N-NITROSO-DI-N-PROPYLAMINE | 621-64-7 | 330 | ND |
| PHENANTHRENE | 85-01-8 | 330 | ND |
| PYRENE | 129-00-0 | 330 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 330 | ND |

ACID EXTRACTABLES

| | | | |
|----------------------------|----------|------|----|
| 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 660 | ND |
| 2-CHLOROPHENOL | 95-57-8 | 660 | ND |
| 2,4-DICHLOROPHENOL | 120-83-2 | 660 | ND |
| 2,4-DIMETHYLPHENOL | 105-67-9 | 660 | ND |
| 2,4-DINITROPHENOL | 51-28-5 | 1600 | ND |
| 4,6-DINITRO-2-METHYLPHENOL | 534-52-1 | 1600 | ND |
| 2-NITROPHENOL | 88-75-5 | 1600 | ND |
| 4-NITROPHENOL | 100-02-7 | 1600 | ND |
| PENTACHLOROPHENOL | 87-86-5 | 1600 | ND |
| PHENOL | 108-95-2 | 660 | ND |
| 2-METHYLPHENOL | 95-48-7 | 660 | ND |
| 4-METHYLPHENOL | 106-44-5 | 660 | ND |
| 2,4,5-TRICHLOROPHENOL | 95-95-4 | 1600 | ND |
| 2,4,6-TRICHLOROPHENOL | 88-06-2 | 1600 | ND |

SURROGATE RECOVERY

| | % |
|----------------------|-----|
| NITROBENZENE-D5 | 89 |
| 2-FLUOROBIPHENYL | 77 |
| P-TERPHENYL-D14 | 88 |
| PHENOL-D6 | 102 |
| 2-FLUOROPHENOL | 109 |
| 2,4,6-TRIBROMOPHENOL | 75 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT APPLICABLE OR AVAILABLE

K PRIME, INC.
LABORATORY QC REPORT

SAMPLE ID: L080217S1
DUPLICATE ID: D080217S1
BATCH #: 080217S1
DATE EXTRACTED: 08/02/2017
DATE ANALYZED: 08/02/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

| PARAMETER | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|-------------------------|----------------|------------------|-----------------|-----------------|---------------|
| ACENAPHTHENE | 5000 | ND | 3920 | 78 | 20-140 |
| 1,4-DICHLOROBENZENE | 5000 | ND | 4280 | 86 | 10-140 |
| 2,4-DINITROTOLUENE | 5000 | ND | 3750 | 75 | 20-120 |
| PYRENE | 5000 | ND | 4640 | 93 | 30-160 |
| 1,2,4-TRICHLOROBENZENE | 5000 | ND | 4100 | 82 | 20-140 |
| 4-CHLORO-3-METHYLPHENOL | 10000 | ND | 9400 | 94 | 20-140 |
| 2-CHLOROPHENOL | 10000 | ND | 8600 | 86 | 20-140 |
| 4-NITROPHENOL | 10000 | ND | 6600 | 66 | D-130 |
| PENTACHLOROPHENOL | 10000 | ND | 8140 | 81 | D-130 |
| PHENOL | 10000 | ND | 9090 | 91 | D-150 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|-------------------------|--------------------|-----------------|---------------------|------------|---------------|
| ACENAPHTHENE | 330 | 3920 | 4380 | 11.1 | ±20 |
| 1,4-DICHLOROBENZENE | 330 | 4280 | 4570 | 6.6 | ±20 |
| 2,4-DINITROTOLUENE | 330 | 3750 | 4150 | 10.1 | ±20 |
| PYRENE | 330 | 4640 | 5140 | 10.2 | ±20 |
| 1,2,4-TRICHLOROBENZENE | 330 | 4100 | 4560 | 10.6 | ±20 |
| 4-CHLORO-3-METHYLPHENOL | 330 | 9400 | 9100 | 3.2 | ±20 |
| 2-CHLOROPHENOL | 660 | 8600 | 8710 | 1.3 | ±20 |
| 4-NITROPHENOL | 1600 | 6600 | 6900 | 4.4 | ±20 |
| PENTACHLOROPHENOL | 1600 | 8140 | 8710 | 6.8 | ±20 |
| PHENOL | 660 | 9090 | 9210 | 1.3 | ±20 |

NOTES:

ND = NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
D = DETECTED

K PRIME, INC.
LABORATORY BATCH QC REPORT

METHOD BLANK ID: B080217S1
BATCH NO: 080217S1
DATE EXTRACTED: 08/02/2017
DATE ANALYZED: 08/03/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------|------------|--------------------|----------------|
| ALPHA-BHC | 319-84-8 | 2.00 | ND |
| BETA-BHC | 319-85-7 | 2.00 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 2.00 | ND |
| HEPTACHLOR | 76-44-8 | 2.00 | ND |
| DELTA-BHC | 319-86-8 | 2.00 | ND |
| ALDRIN | 309-00-2 | 2.00 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 2.00 | ND |
| ENDOSULFAN I | 959-98-8 | 2.00 | ND |
| 4,4'-DDE | 72-55-9 | 2.00 | ND |
| DIELDRIN | 60-57-1 | 2.00 | ND |
| ENDRIN | 72-20-8 | 2.00 | ND |
| 4,4'-DDD | 72-54-8 | 2.00 | ND |
| ENDOSULFAN II | 33213-65-9 | 2.00 | ND |
| 4,4'-DDT | 50-29-3 | 2.00 | ND |
| ENDRIN ALDEHYDE | 7421-93-4 | 2.00 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 2.00 | ND |
| METHOXYCHLOR | 72-43-5 | 2.00 | ND |
| CHLORDANE | 57-74-9 | 2.00 | ND |
| TOXAPHENE | 8001-35-2 | 12.5 | ND |

| SURROGATE RECOVERY | % |
|--------------------|----|
| TCMX | 77 |
| DCBP | 77 |

NOTES:
ND - NOT DETECTED ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: B080217S1
SPIKE ID: L080217S1
DUPLICATE ID: D080217S1
BATCH NO: 080217S1
DATE EXTRACTED: 08/02/2017
DATE ANALYZED: 08/03/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

| COMPOUND NAME | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|---------------------|----------------|------------------|-----------------|-----------------|---------------|
| GAMMA-BHC (LINDANE) | 125 | ND | 103 | 82 | 50-150 |
| HEPTACHLOR | 125 | ND | 99.9 | 80 | 50-150 |
| ALDRIN | 125 | ND | 103 | 82 | 50-150 |
| DIELDRIN | 125 | ND | 102 | 81 | 50-150 |
| ENDRIN | 125 | ND | 99.3 | 79 | 50-150 |
| DDT | 125 | ND | 115 | 92 | 50-150 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|---------------------|--------------------|-----------------|---------------------|------------|---------------|
| GAMMA-BHC (LINDANE) | 2.00 | 103 | 112 | 8.4 | ±40 |
| HEPTACHLOR | 2.00 | 99.9 | 112 | 11.3 | ±40 |
| ALDRIN | 2.00 | 103 | 114 | 10.6 | ±40 |
| DIELDRIN | 2.00 | 102 | 114 | 11.4 | ±40 |
| ENDRIN | 2.00 | 99.3 | 114 | 13.9 | ±40 |
| DDT | 2.00 | 115 | 138 | 18.2 | ±40 |

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

METHOD BLANK ID: B073117S1
BATCH NO: 073117S1
DATE EXTRACTED: 07/31/2017
DATE ANALYZED: 07/31/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|----------------------|----------------|----------------------------|------------------------|
| AROCLOR 1016 | 12674-11-2 | 25.0 | ND |
| AROCLOR 1221 | 11104-28-2 | 25.0 | ND |
| AROCLOR 1232 | 11141-16-5 | 25.0 | ND |
| AROCLOR 1242 | 53469-21-9 | 25.0 | ND |
| AROCLOR 1248 | 12672-29-6 | 25.0 | ND |
| AROCLOR 1254 | 11097-69-1 | 25.0 | ND |
| AROCLOR 1260 | 11096-82-5 | 25.0 | ND |

| SURROGATE RECOVERY | % |
|---------------------------|----------|
| TCMX | 90 |
| DCBP | 72 |

NOTES:
ND - NOT DETECTED ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: B073117S1
SPIKE ID: L073117S1
DUPLICATE ID: D073117S1
BATCH NO: 073117S1
DATE EXTRACTED: 07/31/2017
DATE ANALYZED: 07/31/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

| COMPOUND NAME | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|---------------|----------------|------------------|-----------------|-----------------|---------------|
| AROCLOR 1260 | 625 | ND | 487 | 78 | 60-140 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|---------------|--------------------|-----------------|---------------------|------------|---------------|
| AROCLOR 1260 | 25.0 | 487 | 456 | 6.4 | ±20 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: L080917S1
DUPLICATE ID: D080917S1
METHOD BLANK ID: B080917S1
BATCH #: 080917S1
DATE ANALYZED: 08/10/2017

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT | | MB mg/kg | SA mg/kg | SR mg/kg | SP mg/kg | SPD mg/kg | SP %R | RPD % |
|------------|----|-------------|-------------|-------------|-------------|--------------|----------|----------|
| ANTIMONY | Sb | <2.50 | 25.0 | 0.0 | 24.2 | 24.3 | 97 | 0.5 |
| ARSENIC | As | <2.50 | 25.0 | 0.0 | 22.6 | 22.6 | 90 | 0.0 |
| BARIUM | Ba | <2.50 | 25.0 | 0.0 | 24.3 | 24.3 | 97 | 0.2 |
| BERYLLIUM | Be | <2.50 | 25.0 | 0.0 | 21.0 | 20.7 | 84 | 1.2 |
| CADMIUM | Cd | <2.50 | 25.0 | 0.0 | 23.9 | 24.1 | 96 | 0.7 |
| CHROMIUM | Cr | <2.50 | 25.0 | 0.0 | 23.2 | 23.0 | 93 | 0.7 |
| COBALT | Co | <2.50 | 25.0 | 0.0 | 22.5 | 22.4 | 90 | 0.5 |
| COPPER | Cu | <2.50 | 25.0 | 0.0 | 22.6 | 22.8 | 91 | 0.8 |
| LEAD | Pb | <2.50 | 25.0 | 0.0 | 25.5 | 25.9 | 102 | 1.6 |
| MERCURY | Hg | <0.100 | 1.00 | 0.0 | 0.982 | 0.985 | 98 | 0.3 |
| MOLYBDENUM | Mo | <2.50 | 25.0 | 0.0 | 24.0 | 23.9 | 96 | 0.4 |
| NICKEL | Ni | <2.50 | 25.0 | 0.0 | 23.0 | 23.0 | 92 | 0.1 |
| SELENIUM | Se | <2.50 | 25.0 | 0.0 | 22.6 | 22.4 | 90 | 0.6 |
| SILVER | Ag | <2.50 | 12.5 | 0.0 | 11.6 | 11.9 | 93 | 2.6 |
| THALLIUM | Tl | <2.50 | 25.0 | 0.0 | 25.2 | 25.7 | 101 | 2.2 |
| VANADIUM | V | <2.50 | 25.0 | 0.0 | 22.8 | 22.9 | 91 | 0.0 |
| ZINC | Zn | <2.50 | 25.0 | 0.0 | 22.9 | 22.0 | 92 | 3.9 |

NOTES:

- ND: NOT DETECTED
- MB: METHOD BLANK
- SA: SPIKE ADDED
- SR: SAMPLE RESULT
- SP: SPIKE RESULT
- SPD: SPIKE DUPLICATE RESULT
- SP(%R): SPIKE % RECOVERY
- RPD: RELATIVE PERCENT DIFFERENCE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE TYPE: SOLID
UNITS: mg/kg
BATCH ID: 081017S1

METHOD: HEXAVALENT CHROMIUM
REFERENCE: EPA 7199

METHOD BLANK: B081017S1

| COMPOUND | RL mg/kg | MB mg/kg |
|---------------------|-------------|-------------|
| HEXAVALENT CHROMIUM | 0.250 | ND |

BLANK SPIKE: L081017S1
BLANK SPIKE DUPLICATE: D081017S1

| COMPOUND | RL mg/kg | SA mg/kg | SR mg/kg | SP mg/kg | SPD mg/kg | SP %R | RPD % |
|---------------------|-------------|-------------|-------------|-------------|--------------|----------|----------|
| HEXAVALENT CHROMIUM | 0.250 | 10.0 | 0.00 | 10.7 | 10.9 | 107 | 1.7 |

LAB NO: 157168
MATRIX SPIKE: MS157168
MATRIX SPIKE DUPLICATE: SD157168

| COMPOUND | RL mg/kg | SA mg/kg | SR mg/kg | SP mg/kg | SPD mg/kg | SP %R | RPD % |
|---------------------|-------------|-------------|-------------|-------------|--------------|----------|----------|
| HEXAVALENT CHROMIUM | 0.250 | 10.0 | 1.55 | 12.2 | 12.2 | 107 | 0.4 |

NOTES:

ND: NOT DETECTED
 MB: METHOD BLANK
 SA: SPIKE ADDED
 SR: SAMPLE RESULT
 SP: SPIKE RESULT
 SPD: SPIKE DUPLICATE RESULT
 SP(%R): SPIKE % RECOVERY
 RPD: RELATIVE PERCENT DIFFERENCE

K PRIME, INC.

CHAIN OF CUSTODY RECORD

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd., Santa Rosa, CA 95403

PHONE: (707) 527-7574

FAX: (707) 527-7879

| Client/Project ID | Address/Phone | | KPI Project No. | |
|-----------------------------|---|---|-----------------|-------------------|
| EBA Engineering | 825 Sonoma Ave., Santa Rosa, CA (707) 544-0781 | | | |
| Project Location | Client Project No. | ANALYSES | | |
| Sonoma Developmental Center | 2382 | <input type="checkbox"/> EDF Log Code: NO EDF Global ID: _____ Expected Turnaround Time: 5-Day Remarks: _____ | | |
| Contact | Sampler (Signature) | Lab Sample No. | Type of Sample | No. of Containers |
| M. Earnshaw / M. Kruer | <i>M. Kruer</i> | | | |
| Sample Identification No. | Date | Time | | |
| S-SB-33-6" | 8/8/17 | 9:33 | 157168 Soil | 1 |
| S-SB-34-6" | 8/8/17 | 9:35 | 157169 Soil | 1 |
| S-SB-52-6" | 8/8/17 | 10:05 | 157170 Soil | 1 |
| S-SB-53-6" | 8/8/17 | 10:15 | 157171 Soil | 1 |
| S-SB-54-6" | 8/8/17 | 10:22 | 157172 Soil | 1 |
| S-SB-55-6" | 8/8/17 | 10:30 | 157173 Soil | 1 |
| S-SB-56-6" | 8/8/17 | 13:37 | 157174 Soil | 1 |
| S-SB-57-6" | 8/8/17 | 13:35 | 157175 Soil | 1 |
| S-SB-35-6" | 8/8/17 | 14:00 | 157176 Soil | 1 |
| S-SB-36-6" | 8/8/17 | 14:02 | 157177 Soil | 1 |

| Relinquished by: (Signature) | Date | Time |
|------------------------------|--------|-------|
| <i>M. Kruer</i> | 8/8/17 | 15:50 |
| Relinquished by: (Signature) | Date | Time |
| <i>[Signature]</i> | 8/8/17 | 16:10 |
| Relinquished by: (Signature) | Date | Time |
| <i>[Signature]</i> | | |

| Disposal Method | Date | Time |
|--------------------------|------|------|
| Disposed by: (Signature) | | |

White Copy : Accompanies Samples
 Yellow Copy : Sampler

K PRIME, Inc.

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd.
Santa Rosa CA 95403
Phone: 707 527 7574
FAX: 707 527 7879

TRANSMITTAL

DATE: 8/14/2017

TO: MR. MATT EARNSHAW
MR. MAX KRUZIC
EBA ENGINEERING
825 SONOMA AVENUE
SANTA ROSA, CA 95404

9986
2382

Phone: 707-544-0784
Fax: 707-544-0866
Email: dataeba1@ebagroup.com

FROM: Richard A. Kage1, Ph.D.
Laboratory Director

*RAKmak
8/14/2017*

SUBJECT: LABORATORY RESULTS FOR YOUR PROJECT 2382

Enclosed please find K Prime's laboratory reports for the following samples:

| SAMPLE ID | TYPE | DATE | TIME | KPI IAR # |
|-------------------|-------|----------|-------|-----------|
| S-SB-43-6" | SOIL | 8/8/2017 | 11:40 | 157178 |
| S-SB-44-6" | SOIL | 8/8/2017 | 11:50 | 157179 |
| S-SB-45-6" | SOIL | 8/8/2017 | 11:55 | 157180 |
| S-SB-46-6" | SOIL | 8/8/2017 | 12:07 | 157181 |
| S-SB-47-6" | SOIL | 8/8/2017 | 11:37 | 157182 |
| S-SB-48-6" | SOIL | 8/8/2017 | 11:28 | 157183 |
| S-SB-49-6" | SOIL | 8/8/2017 | 11:17 | 157184 |
| S-SB-50-6" | SOIL | 8/8/2017 | 11:07 | 157185 |
| S-SB-51-6" | SOIL | 8/8/2017 | 12:45 | 157186 |
| S-BLIND DUPLICATE | SOIL | 8/8/2017 | NA | 157187 |
| EQUIPMENT BLANK | WATER | 8/8/2017 | 12:26 | 157188 |
| S-COMP-A | SOIL | 8/8/2017 | NA | 157189 |
| S-COMP-B | SOIL | 8/8/2017 | NA | 157190 |

The above listed sample group was received on 8/8/2017 and tested as requested on the chain of custody document.

Please call me if you have any questions or need further information
Thank you for this opportunity to be of service.

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-SB-51-6"
LAB NO: 157186
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 12:45
BATCH NO: 080217S1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/11/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------|------------|--------------------|----------------|
| ALPHA-BHC | 319-84-6 | 2.00 | ND |
| BETA-BHC | 319-85-7 | 2.00 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 2.00 | ND |
| HEPTACHLOR | 76-44-8 | 2.00 | ND |
| DELTA-BHC | 319-86-8 | 2.00 | ND |
| ALDRIN | 309-00-2 | 2.00 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 2.00 | ND |
| ENDOSULFAN I | 959-98-8 | 2.00 | ND |
| 4,4'-DDE | 72-55-9 | 2.00 | ND |
| DIELDRIN | 60-57-1 | 2.00 | ND |
| ENDRIN | 72-20-8 | 2.00 | ND |
| 4,4'-DDD | 72-54-8 | 2.00 | ND |
| ENDOSULFAN II | 33213-65-9 | 2.00 | ND |
| 4,4'-DDT | 50-29-3 | 2.00 | ND |
| ENDRIN ALDEHYDE | 7421-93-4 | 2.00 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 2.00 | ND |
| METHOXYCHLOR | 72-43-5 | 2.00 | ND |
| CHLORDANE | 57-74-9 | 2.00 | ND |
| TOXAPHENE | 8001-35-2 | 12.5 | ND |

| SURROGATE RECOVERY | % |
|--------------------|----|
| TCMX | 98 |
| DCBP | 92 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: 
DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-BLIND DUPLICATE
LAB NO: 157187
DATE SAMPLED: 08/08/2017
TIME SAMPLED: NA
BATCH NO: 080217S1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/10/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------|------------|--------------------|----------------|
| ALPHA-BHC | 319-84-6 | 2.00 | ND |
| BETA-BHC | 319-85-7 | 2.00 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 2.00 | ND |
| HEPTACHLOR | 76-44-8 | 2.00 | ND |
| DELTA-BHC | 319-86-8 | 2.00 | ND |
| ALDRIN | 309-00-2 | 2.00 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 2.00 | ND |
| ENDOSULFAN I | 959-98-8 | 2.00 | ND |
| 4,4'-DDE | 72-55-9 | 2.00 | ND |
| DIELDRIN | 60-67-1 | 2.00 | ND |
| ENDRIN | 72-20-8 | 2.00 | ND |
| 4,4'-DDD | 72-54-8 | 2.00 | ND |
| ENDOSULFAN II | 33213-65-9 | 2.00 | ND |
| 4,4'-DDT | 50-29-3 | 2.00 | ND |
| ENDRIN ALDEHYDE | 7421-93-4 | 2.00 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 2.00 | ND |
| METHOXYCHLOR | 72-43-5 | 2.00 | ND |
| CHLORDANE | 27-74-9 | 2.00 | ND |
| TOXAPHENE | 8001-35-2 | 12.5 | ND |

| SURROGATE RECOVERY | % |
|--------------------|----|
| TCMX | 62 |
| DCBP | 62 |

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: *EW*
DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-COMP-A
LAB NO: 157189
DATE SAMPLED: 08/08/2017
TIME SAMPLED: NA
BATCH NO: 080217S1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/10/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------|------------|-----------------|-------------|
| ALPHA-BHC | 319-84-6 | 2.00 | ND |
| BETA-BHC | 319-85-7 | 2.00 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 2.00 | ND |
| HEPTACHLOR | 76-44-8 | 2.00 | ND |
| DELTA-BHC | 319-86-8 | 2.00 | ND |
| ALDRIN | 309-00-2 | 2.00 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 2.00 | ND |
| ENDOSULFAN I | 959-98-8 | 2.00 | ND |
| 4,4'-DDE | 72-55-8 | 2.00 | ND |
| DIELDRIN | 60-57-1 | 2.00 | ND |
| ENDRIN | 72-20-8 | 2.00 | ND |
| 4,4'-DDD | 72-54-8 | 2.00 | ND |
| ENDOSULFAN II | 33213-65-9 | 2.00 | ND |
| 4,4'-DDT | 50-29-3 | 2.00 | ND |
| ENDRIN ALDEHYDE | 7421-93-4 | 2.00 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 2.00 | ND |
| METHOXYCHLOR | 72-43-5 | 2.00 | ND |
| CHLORDANE | 57-74-9 | 2.00 | ND |
| TOXAPHENE | 8001-35-2 | 12.5 | ND |

| SURROGATE RECOVERY | % |
|--------------------|----|
| TCMX | 66 |
| DCBP | 67 |

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: 
DATE: 08/19/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: S-COMP-B
LAB NO: 157190
DATE SAMPLED: 08/08/2017
TIME SAMPLED: NA
BATCH NO: 080217S1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/11/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------|------------|-----------------|-------------|
| ALPHA-BHC | 319-84-8 | 2.00 | ND |
| BETA-BHC | 319-85-7 | 2.00 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 2.00 | ND |
| HEPTACHLOR | 76-44-8 | 2.00 | ND |
| DELTA-BHC | 319-86-8 | 2.00 | ND |
| ALDRIN | 309-00-2 | 2.00 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 2.00 | ND |
| ENDOSULFAN I | 959-98-8 | 2.00 | ND |
| 4,4'-DDE | 72-55-9 | 2.00 | ND |
| DIELDRIN | 60-57-1 | 2.00 | ND |
| ENDRIN | 72-20-8 | 2.00 | ND |
| 4,4'-DDD | 72-54-8 | 2.00 | ND |
| ENDOSULFAN II | 33213-65-9 | 2.00 | ND |
| 4,4'-DDT | 50-29-3 | 2.00 | ND |
| ENDRIN ALDEHYDE | 7421-93-4 | 2.00 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 2.00 | ND |
| METHOXYCHLOR | 72-43-5 | 2.00 | ND |
| CHLORDANE | 57-74-9 | 2.00 | ND |
| TOXAPHENE | 8001-35-2 | 12.5 | ND |

| SURROGATE RECOVERY | % |
|--------------------|----|
| TCMX | 84 |
| DCBP | 81 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: _____
DATE: 08/11/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE ID: EQUIPMENT BLANK
LAB NO: 157188
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 12:26
BATCH NO: 072717W1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/10/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3510/8081

SAMPLE TYPE: WATER
UNITS: ug/L

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|--------------------|------------|-----------------|-------------|
| A-BHC | 319-84-6 | 0.00408 | ND |
| B-BHC | 319-85-7 | 0.00408 | ND |
| LINDANE | 58-89-9 | 0.00408 | ND |
| HEPTACHLOR | 76-44-8 | 0.00408 | ND |
| D-BHC | 319-86-8 | 0.00408 | ND |
| ALDRIN | 309-00-2 | 0.00408 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 0.00408 | ND |
| ENDOSULFAN I | 959-98-8 | 0.00408 | ND |
| 4,4'-DDE | 72-55-9 | 0.00408 | ND |
| DIELDRIN | 60-57-1 | 0.00408 | ND |
| ENDRIN | 72-20-8 | 0.00408 | ND |
| 4,4'-DDD | 72-54-8 | 0.00408 | ND |
| ENDOSULFAN II | 33213-85-9 | 0.00408 | ND |
| 4,4'-DDT | 50-29-3 | 0.00408 | ND |
| ENDRIN ALDEHYDE | 7421-93-4 | 0.00408 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 0.00408 | ND |
| METHOXYCHLOR | 72-43-5 | 0.00408 | ND |
| CHLORDANE | 57-74-9 | 0.00408 | ND |
| TOXAPHENE | 8001-35-2 | 0.0255 | ND |

| SURROGATE RECOVERY | % |
|--------------------|----|
| TCMX | 63 |
| DCBP | 55 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: 
DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

METHOD: TOTAL ARSENIC
REFERENCE: EPA 3050B/6020A

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE TYPE: SOIL
UNITS: mg/kg

| SAMPLE ID | LAB ID | BATCH # | DATE SAMPLED | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|-------------------|--------|----------|--------------|---------------|-----------------|-------------|
| S-SB-43-6" | 157178 | 080917S2 | 08/08/2017 | 08/11/2017 | 2.50 | 4.09 |
| S-SB-44-6" | 157179 | 080917S2 | 08/08/2017 | 08/11/2017 | 2.50 | 3.79 |
| S-SB-45-6" | 157180 | 080917S2 | 08/08/2017 | 08/11/2017 | 2.50 | 4.78 |
| S-SB-46-6" | 157181 | 080917S2 | 08/08/2017 | 08/11/2017 | 2.50 | 3.78 |
| S-SB-47-6" | 157182 | 080917S2 | 08/08/2017 | 08/11/2017 | 2.50 | 2.89 |
| S-SB-48-6" | 157183 | 080917S2 | 08/08/2017 | 08/11/2017 | 2.50 | 3.39 |
| S-SB-49-6" | 157184 | 080917S2 | 08/08/2017 | 08/11/2017 | 2.50 | 4.06 |
| S-SB-50-6" | 157185 | 080917S2 | 08/08/2017 | 08/11/2017 | 2.50 | 4.01 |
| S-SB-51-6" | 157186 | 080917S2 | 08/08/2017 | 08/11/2017 | 2.50 | ND |
| S-BLIND DUPLICATE | 157187 | 080917S2 | 08/08/2017 | 08/11/2017 | 2.50 | 4.29 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: *ellu*

DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

METHOD: TOTAL LEAD
REFERENCE: EPA 3050B/6020A

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE TYPE: SOIL
UNITS: mg/kg

| SAMPLE ID | LAB ID | BATCH # | DATE SAMPLED | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|-------------------|--------|----------|--------------|---------------|-----------------|-------------|
| S-SB-43-6" | 157178 | 080917S2 | 08/08/2017 | 08/11/2017 | 2.50 | 92.8 |
| S-SB-44-6" | 157179 | 080917S2 | 08/08/2017 | 08/11/2017 | 2.50 | 54.1 |
| S-SB-45-6" | 157180 | 080917S2 | 08/08/2017 | 08/11/2017 | 2.50 | 163 |
| S-SB-46-6" | 157181 | 080917S2 | 08/08/2017 | 08/11/2017 | 2.50 | 84.2 |
| S-SB-47-6" | 157182 | 080917S2 | 08/08/2017 | 08/11/2017 | 2.50 | 104 |
| S-SB-48-6" | 157183 | 080917S2 | 08/08/2017 | 08/11/2017 | 2.50 | 122 |
| S-SB-49-6" | 157184 | 080917S2 | 08/08/2017 | 08/11/2017 | 2.50 | 86.2 |
| S-SB-50-6" | 157185 | 080917S2 | 08/08/2017 | 08/11/2017 | 2.50 | 140 |
| S-SB-51-6" | 157186 | 080917S2 | 08/08/2017 | 08/11/2017 | 2.50 | 15.5 |
| S-BLIND DUPLICATE | 157187 | 080917S2 | 08/08/2017 | 08/11/2017 | 2.50 | 86.9 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: *ell*

DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 200.8

SAMPLE ID: EQUIPMENT BLANK
LAB NO: 157188
DATE SAMPLED: 08/08/2017
TIME SAMPLED: 12:26
BATCH ID: 080717W1

SAMPLE TYPE: WATER
UNITS: ug/L

| ELEMENT NAME | | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|-----------------|----|------------------|--------------------|----------------|
| ARSENIC | As | 08/11/2017 | 1.00 | ND |
| LEAD | Pb | 08/11/2017 | 1.00 | ND |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: *[Signature]*
DATE: 08/14/17

K PRIME, INC.
LABORATORY REPORT

METHOD: NITRATE(AS N)
REFERENCE: EPA 300.0

K PRIME PROJECT: 9986
CLIENT PROJECT: 2382

SAMPLE TYPE: SOIL
UNITS: mg/kg

| SAMPLE ID | LAB ID # | BATCH ID | DATE SAMPLED | DATE ANALYZED | MRL | SAMPLE CONC |
|-------------------|----------|----------|--------------|---------------|-------|-------------|
| S-SB-43-6" | 157178 | 080917S1 | 08/08/2017 | 08/09/2017 | 5.00 | ND |
| S-SB-44-6" | 157179 | 080917S1 | 08/08/2017 | 08/09/2017 | 5.00 | ND |
| S-SB-45-6" | 157180 | 080917S1 | 08/08/2017 | 08/09/2017 | 5.00 | ND |
| S-SB-46-6" | 157181 | 080917S1 | 08/08/2017 | 08/09/2017 | 5.00 | ND |
| S-SB-47-6" | 157182 | 080917S1 | 08/08/2017 | 08/09/2017 | 5.00 | ND |
| S-SB-48-6" | 157183 | 080917S1 | 08/08/2017 | 08/09/2017 | 5.00 | ND |
| S-SB-49-6" | 157184 | 080917S1 | 08/08/2017 | 08/09/2017 | 5.00 | 7.18 |
| S-SB-50-6" | 157185 | 080917S1 | 08/08/2017 | 08/09/2017 | 5.00 | ND |
| S-SB-51-6" | 157186 | 080917S1 | 08/08/2017 | 08/09/2017 | 5.00 | ND |
| S-BLIND DUPLICATE | 157187 | 080917S1 | 08/08/2017 | 08/09/2017 | 5.00 | ND |
| EQUIPMENT BLANK | 157188 | 080917S1 | 08/08/2017 | 08/09/2017 | 0.100 | ND |

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE
MRL - METHOD REPORTING LIMIT

APPROVED BY: 

DATE: 08/14/17

K PRIME, INC.
LABORATORY BATCH QC REPORT

METHOD BLANK ID: B080217S1
BATCH NO: 080217S1
DATE EXTRACTED: 08/02/2017
DATE ANALYZED: 08/03/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------|------------|--------------------|----------------|
| ALPHA-BHC | 319-84-6 | 2.00 | ND |
| BETA-BHC | 319-85-7 | 2.00 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 2.00 | ND |
| HEPTACHLOR | 76-44-8 | 2.00 | ND |
| DELTA-BHC | 319-86-8 | 2.00 | ND |
| ALDRIN | 309-00-2 | 2.00 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 2.00 | ND |
| ENDOSULFAN I | 959-98-8 | 2.00 | ND |
| 4,4'-DDE | 72-55-9 | 2.00 | ND |
| DIELDRIN | 60-57-1 | 2.00 | ND |
| ENDRIN | 72-20-8 | 2.00 | ND |
| 4,4'-DDD | 72-54-8 | 2.00 | ND |
| ENDOSULFAN II | 33213-65-9 | 2.00 | ND |
| 4,4'-DDT | 50-29-3 | 2.00 | ND |
| ENDRIN ALDEHYDE | 7421-93-4 | 2.00 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 2.00 | ND |
| METHOXYCHLOR | 72-43-5 | 2.00 | ND |
| CHLORDANE | 57-74-9 | 2.00 | ND |
| TOXAPHENE | 8001-35-2 | 12.5 | ND |

| SURROGATE RECOVERY | % |
|--------------------|----|
| TCMX | 77 |
| DCBP | 77 |

NOTES:

ND - NOT DETECTED ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

SAMPLE ID: B080217S1
 SPIKE ID: L080217S1
 DUPLICATE ID: D080217S1
 BATCH NO: 080217S1
 DATE EXTRACTED: 08/02/2017
 DATE ANALYZED: 08/03/2017

METHOD: ORGANOCHLORINE PESTICIDES
 REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
 UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

| COMPOUND NAME | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|---------------------|----------------|------------------|-----------------|-----------------|---------------|
| GAMMA-BHC (LINDANE) | 125 | ND | 103 | 83 | 50-150 |
| HEPTACHLOR | 125 | ND | 99.9 | 80 | 50-150 |
| ALDRIN | 125 | ND | 103 | 82 | 50-150 |
| DIELDRIN | 125 | ND | 102 | 81 | 50-150 |
| ENDRIN | 125 | ND | 99.3 | 79 | 50-150 |
| DDT | 125 | ND | 115 | 92 | 50-150 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|---------------------|--------------------|-----------------|---------------------|------------|---------------|
| GAMMA-BHC (LINDANE) | 2.00 | 103 | 112 | 7.9 | ±40 |
| HEPTACHLOR | 2.00 | 100 | 112 | 11.3 | ±40 |
| ALDRIN | 2.00 | 103 | 114 | 10.6 | ±40 |
| DIELDRIN | 2.00 | 102 | 114 | 11.4 | ±40 |
| ENDRIN | 2.00 | 99.3 | 114 | 13.9 | ±40 |
| DDT | 2.00 | 115 | 138 | 18.5 | ±40 |

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT AVAILABLE OR APPLICABLE

METHOD BLANK ID: B072717W1
BATCH NO: 072717W1
DATE EXTRACTED: 07/27/2017
DATE ANALYZED: 07/27/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3510/8081

SAMPLE TYPE: WATER
UNITS: ug/L

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------|------------|-----------------|-------------|
| ALPHA-BHC | 319-84-6 | 0.00400 | ND |
| BETA-BHC | 319-85-7 | 0.00400 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 0.00400 | ND |
| HEPTACHLOR | 76-44-8 | 0.00400 | ND |
| DELTA-BHC | 319-86-8 | 0.00400 | ND |
| ALDRIN | 309-00-2 | 0.00400 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 0.00400 | ND |
| ENDOSULFAN I | 959-98-8 | 0.00400 | ND |
| 4,4'-DDE | 72-55-9 | 0.00400 | ND |
| DIELDRIN | 60-57-1 | 0.00400 | ND |
| ENDRIN | 72-20-8 | 0.00400 | ND |
| 4,4'-DDD | 72-54-8 | 0.00400 | ND |
| ENDOSULFAN II | 33213-65-9 | 0.00400 | ND |
| 4,4'-DDT | 50-29-3 | 0.00400 | ND |
| ENDRIN ALDEHYDE | 7421-93-4 | 0.00400 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 0.00400 | ND |
| METHOXYCHLOR | 72-43-5 | 0.00400 | ND |
| CHLORDANE | 57-74-9 | 0.00400 | ND |
| TOXAPHENE | 8001-35-2 | 0.0250 | ND |

| SURROGATE RECOVERY | % |
|--------------------|----|
| TCMX | 71 |
| DCBP | 85 |

NOTES:

ND - NOT DETECTED ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

SAMPLE ID: B072717W1
 SPIKE ID: L072717W1
 DUPLICATE ID: D072717W1
 BATCH NO: 072717W1
 DATE EXTRACTED: 07/27/2017
 DATE ANALYZED: 07/27/2017

METHOD: ORGANOCHLORINE PESTICIDES
 REFERENCE: EPA 3510/8081

SAMPLE TYPE: WATER
 UNITS: ug/L

ACCURACY (MATRIX SPIKE)

| COMPOUND NAME | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|---------------------|----------------|------------------|-----------------|-----------------|---------------|
| GAMMA-BHC (LINDANE) | 0.500 | ND | 0.408 | 82 | 50-150 |
| HEPTACHLOR | 0.500 | ND | 0.357 | 71 | 50-150 |
| ALDRIN | 0.500 | ND | 0.360 | 72 | 50-150 |
| DIELDRIN | 0.500 | ND | 0.428 | 86 | 50-150 |
| ENDRIN | 0.500 | ND | 0.414 | 83 | 50-150 |
| DDT | 0.500 | ND | 0.377 | 75 | 50-150 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|---------------------|--------------------|-----------------|---------------------|------------|---------------|
| GAMMA-BHC (LINDANE) | 0.00400 | 0.408 | 0.487 | 17.6 | ±40 |
| HEPTACHLOR | 0.00400 | 0.357 | 0.354 | 0.7 | ±40 |
| ALDRIN | 0.00400 | 0.360 | 0.378 | 5.0 | ±40 |
| DIELDRIN | 0.00400 | 0.428 | 0.447 | 4.3 | ±40 |
| ENDRIN | 0.00400 | 0.414 | 0.420 | 1.5 | ±40 |
| DDT | 0.00400 | 0.377 | 0.380 | 0.9 | ±40 |

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: L080917S2
DUPLICATE ID: D080917S2
METHOD BLANK ID: B080917S2
BATCH #: 080917S2
DATE ANALYZED: 08/11/2017

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT | | MB mg/kg | SA mg/kg | SR mg/kg | SP mg/kg | SPD mg/kg | SP %R | RPD % |
|----------------|----|--------------------|--------------------|--------------------|--------------------|---------------------|-----------------|-----------------|
| ARSENIC | As | <2.50 | 25.0 | 0.0 | 24.3 | 24.7 | 97 | 1.7 |
| LEAD | Pb | <2.50 | 25.0 | 0.0 | 25.4 | 25.8 | 101 | 1.6 |

NOTES:

ND: NOT DETECTED
MB: METHOD BLANK
SA: SPIKE ADDED
SR: SAMPLE RESULT
SP: SPIKE RESULT
SPD: SPIKE DUPLICATE RESULT
SP(%R): SPIKE % RECOVERY
RPD: RELATIVE PERCENT DIFFERENCE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: MS157179
DUPLICATE ID: SD157179
METHOD BLANK ID: B080917S2
BATCH #: 080917S2
DATE ANALYZED: 08/11/2017

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT | | MB mg/kg | SA mg/kg | SR mg/kg | SP mg/kg | SPD mg/kg | SP %R | RPD % |
|----------------|----|--------------------|--------------------|--------------------|--------------------|---------------------|-----------------|-----------------|
| ARSENIC | As | <2.50 | 25.0 | 3.79 | 22.1 | 23.1 | 73 | 4.2 |
| LEAD | Pb | <2.50 | 25.0 | 54.1 | 72.9 | 70.2 | 75 | 3.7 |

NOTES:

ND: NOT DETECTED
MB: METHOD BLANK
SA: SPIKE ADDED
SR: SAMPLE RESULT
SP: SPIKE RESULT
SPD: SPIKE DUPLICATE RESULT
SP(%R): SPIKE % RECOVERY
RPD: RELATIVE PERCENT DIFFERENCE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: L080717W1
DUPLICATE ID: D080717W1
METHOD BLANK ID: B080917W1
BATCH #: 080717W1
DATE ANALYZED: 08/11/2017

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 200.8

SAMPLE TYPE: WATER
UNITS: ug/L

| ELEMENT | | MB ug/L | SA ug/L | SR ug/L | SP ug/L | SPD ug/L | SP %R | RPD % |
|---------|----|------------|------------|------------|------------|-------------|----------|----------|
| ARSENIC | As | <1.00 | 125 | 0.0 | 116 | 117 | 93 | 1.2 |
| LEAD | Pb | <1.00 | 125 | 0.0 | 129 | 129 | 103 | 0.5 |

NOTES:

ND: NOT DETECTED
MB: METHOD BLANK
SA: SPIKE ADDED
SR: SAMPLE RESULT
SP: SPIKE RESULT
SPD: SPIKE DUPLICATE RESULT
SP(%R): SPIKE % RECOVERY
RPD: RELATIVE PERCENT DIFFERENCE

K PRIME, INC.
LABORATORY BATCH QC REPORT

BATCH ID: 080917S1
DATE ANALYZED: 08/09/2017

METHOD: ANIONS
REFERENCE: EPA 300.0

SAMPLE ID: L080917S1
DUPLICATE ID: D080917S1
BLANK ID: B080917S1

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ANION NAME | MRL mg/L | MB mg/L | SA mg/L | SR mg/L | SP mg/L | SPD mg/L | SP %R | RPD % |
|------------------|-------------|------------|------------|------------|------------|-------------|----------|----------|
| FLUORIDE | 5.00 | ND | 500 | 0.000 | 497 | 497 | 99 | 0.1 |
| CHLORIDE | 5.00 | ND | 500 | 0.000 | 481 | 482 | 96 | 0.3 |
| NITRITE (AS N) | 5.00 | ND | 500 | 0.000 | 465 | 470 | 93 | 1.0 |
| SULFATE | 5.00 | ND | 500 | 0.000 | 487 | 487 | 97 | 0.1 |
| BROMIDE | 5.00 | ND | 500 | 0.000 | 487 | 488 | 97 | 0.2 |
| NITRATE (AS N) | 5.00 | ND | 500 | 0.000 | 490 | 491 | 98 | 0.3 |
| PHOSPHATE (AS P) | 5.00 | ND | 500 | 0.000 | 506 | 506 | 101 | 0.2 |

NOTES:

ND: NOT DETECTED
 MB: METHOD BLANK
 SA: SPIKE ADDED
 SR: SAMPLE RESULT
 SP: SPIKE RESULT
 SPD: SPIKE DUPLICATE RESULT
 SP(%R): SPIKE % RECOVERY
 RPD: RELATIVE PERCENT DIFFERENCE
 MRL: METHOD REPORTING LIMIT

K PRIME, INC.

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd., Santa Rosa, CA 95403

PHONE: (707) 527-7574

FAX: (707) 527-7879

CHAIN OF CUSTODY RECORD

| Client/Project ID | Address/Phone | City/State/Zip | Project Location | Client Project No. | KPI Project No. | | | | |
|------------------------------|---------------------|----------------|------------------|--------------------|-----------------|-------------------|--------------------------|---------|---|
| EBA Engineering | 825 Sonoma Ave. | Santa Rosa, CA | (907) 544-0784 | | | | | | |
| Sonoma Developmental Center | 2382 | | | | | | | | |
| Contact | Sampler (Signature) | Date | Time | Lab Sample No. | Type of Sample | No. of Containers | Expected Turnaround Time | Remarks | |
| M. Earnshaw / M. Krueger | May 7 ³ | | | | | | | | |
| S-SB-43-6" | 8/13/17 | 114.0 | 157178 | Soil | 1 | X | X | 5-Day | All samples analyzed discrete for As, Pb, and Nitrate (as N). |
| S-SB-44-6" | 8/13/17 | 115.0 | 157179 | soil | 1 | X | X | | |
| S-SB-45-6" | 8/18/17 | 115.5 | 157180 | soil | 1 | X | X | | |
| S-SB-46-6" | 8/19/17 | 120.7 | 157181 | soil | 1 | X | X | | |
| S-SB-47-6" | 8/18/17 | 113.7 | 157182 | soil | 1 | X | X | | |
| S-SB-48-6" | 8/18/17 | 112.8 | 157183 | soil | 1 | X | X | | |
| S-SB-49-6" | 8/18/17 | 111.7 | 157184 | soil | 1 | X | X | | |
| S-SB-50-6" | 8/18/17 | 110.7 | 157185 | Soil | 1 | X | X | | |
| S-SB-51-6" | 8/18/17 | 124.5 | 157186 | Soil | 1 | X | X | | |
| S-Blind Duplicate | 8/18/17 | | 157187 | Soil | 1 | X | X | | |
| Equipment Blank | 8/18/17 | 122.6 | 157188 | Water | 1 | X | X | | |
| Relinquished by: (Signature) | May 7 ³ | | | | | | | | |
| Relinquished by: (Signature) | | | | | | | | | |
| Relinquished by: (Signature) | | | | | | | | | |
| Disposal Method | | | | | | | | | |
| Disposed by: (Signature) | | | | | | | | | |

EDF Log Code: no EDF
 Global ID: Nitrate as N
 Expected Turnaround Time: 5-Day
 Remarks: All samples analyzed discrete for As, Pb, and Nitrate (as N).
 * OCPs:
 S-comp-A = SB-43 to SB-46
 * OCPs:
 S-comp-B = SB-47-50
 * OCPs:
 SB-51 and Dup = discrete

Received by: (Signature) _____ Date _____ Time _____
 Received by: (Signature) _____ Date 8/17/17 Time 16:10
 Received by: (Signature) _____ Date _____ Time _____

White Copy : Accompanies Samples
 Yellow Copy : Sampler

K PRIME, INC.

CONSULTING ANALYTICAL CHEMISTS

3821 Westwind Blvd., Santa Rosa, CA 95408

CHAIN OF CUSTODY RECORD

PHONE: (707) 527-7574

FAX: (707) 527-7879

| Client/Project ID | | Address/Phone | | KPI Project No. | | |
|---|--------|-------------------------------|----------------|--|-------------------|----------------------|
| EBA Engineering | | 225 Sonoma Ave. | | 9586 | | |
| Project Location | | Santa Rosa, CA (707) 544-0780 | | EDF Log Code: <input type="checkbox"/> | | |
| Sonoma Developmental Center | | Client Project No. 2382 | | Global ID | | |
| Contact | | Sampler (Signature) | | Expected Turnaround Time | | |
| H. Eershaal M. Krusic | | | | 5-0 day | | |
| Sample Identification No. | Date | Time | Lab Sample No. | Type of Sample | No. of Containers | Remarks |
| S-Comp-A | 8/8/17 | — | 157189 | S | | Comp 15-21-28-157181 |
| S-Comp-B | 8/8/17 | — | 157190 | S | | Comp 15-21-28-157185 |
| Relinquished by: (Signature) <i>Maitha Ruelo</i> Date: 8/8/17 Time: 16:10 Relinquished by: (Signature) _____ Date: _____ Time: _____ Relinquished by: (Signature) _____ Date: _____ Time: _____ | | | | | | |
| Disposal Method _____ Date: _____ Time: _____ | | | | | | |
| Disposed by: (Signature) _____ Date: _____ Time: _____ | | | | | | |

White Copy : Accompanes Samples
Yellow Copy : Sampler

K PRIME, Inc.

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd.
Santa Rosa CA 95403
Phone: 707 527 7574
FAX: 707 527 7879

TRANSMITTAL

DATE: 8/15/2017

TO: MR. MATT EARNSHAW
MR. MAX KRUZIC
EBA ENGINEERING
825 SONOMA AVENUE
SANTA ROSA, CA 95404

ACCT: 9986
PROJ: 17-2382

Phone: 707-544-0784
Fax: 707-544-0866
Email: dataeba1@ebagroup.com

FROM: Richard A. Kage1, Ph.D.
Laboratory Director

RAK/mck 8/15/2017

SUBJECT: LABORATORY RESULTS FOR YOUR PROJECT 17-2382

Enclosed please find K Prime's laboratory reports for the following samples:

| SAMPLE ID | TYPE | DATE | TIME | KPI LAB # |
|-------------------|------|----------|-------|-----------|
| S-SB-5-6" | SOIL | 8/9/2017 | 12:22 | 157273 |
| S-SB-6-6" | SOIL | 8/9/2017 | 12:21 | 157274 |
| S-SB-7-6" | SOIL | 8/9/2017 | 12:35 | 157275 |
| S-SB-8-6" | SOIL | 8/9/2017 | 12:30 | 157276 |
| S-SB-17-6" | SOIL | 8/9/2017 | 13:55 | 157277 |
| S-SB-18-6" | SOIL | 8/9/2017 | 13:52 | 157278 |
| S-SB-19-6" | SOIL | 8/9/2017 | 14:15 | 157279 |
| S-SB-20-6" | SOIL | 8/9/2017 | 14:00 | 157280 |
| BLIND DUPLICATE-2 | SOIL | 8/9/2017 | NA | 157281 |
| S-COMP-D | SOIL | 8/9/2017 | NA | 157282 |
| S-COMP-E | SOIL | 8/9/2017 | NA | 157283 |

The above listed sample group was received on 8/9/2017 and tested as requested on the chain of custody document.

Please call me if you have any questions or need further information.
Thank you for this opportunity to be of service.

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-COMP-D
LAB NO: 157282
DATE SAMPLED: 08/09/2017
TIME SAMPLED: NA
BATCH NO: 080217S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/14/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------|------------|-----------------|-------------|
| ALPHA-BHC | 319-84-6 | 2.00 | ND |
| BETA-BHC | 319-85-7 | 2.00 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 2.00 | ND |
| HEPTACHLOR | 76-44-8 | 2.00 | ND |
| DELTA-BHC | 319-86-8 | 2.00 | ND |
| ALDRIN | 309-00-2 | 2.00 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 2.00 | ND |
| ENDOSULFAN I | 959-98-8 | 2.00 | ND |
| 4,4'-DDE | 72-55-9 | 2.00 | ND |
| DIELDRIN | 60-57-1 | 2.00 | ND |
| ENDRIN | 72-20-8 | 2.00 | ND |
| 4,4'-DDD | 72-54-8 | 2.00 | ND |
| ENDOSULFAN II | 33213-65-9 | 2.00 | ND |
| 4,4'-DDT | 50-29-3 | 2.00 | ND |
| ENDRIN ALDEHYDE | 7421-93-4 | 2.00 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 2.00 | ND |
| METHOXYCHLOR | 72-43-5 | 2.00 | ND |
| CHLORDANE | 57-74-9 | 2.00 | 3.81 |
| TOXAPHENE | 8001-35-2 | 12.5 | ND |

| SURROGATE RECOVERY | % |
|--------------------|----|
| TCMX | 90 |
| DCBP | 85 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: 
DATE: 08/15/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-COMP-E
LAB NO: 157283
DATE SAMPLED: 08/09/2017
TIME SAMPLED: NA
BATCH NO: 080217S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------|------------|-----------------|-------------|
| ALPHA-BHC | 319-84-6 | 2.00 | ND |
| BETA-BHC | 319-85-7 | 2.00 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 2.00 | ND |
| HEPTACHLOR | 76-44-8 | 2.00 | ND |
| DELTA-BHC | 319-86-8 | 2.00 | ND |
| ALDRIN | 309-00-2 | 2.00 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 2.00 | 2.67 |
| ENDOSULFAN I | 959-98-8 | 2.00 | ND |
| 4,4'-DDE | 72-55-9 | 2.00 | 40.0 |
| DIELDRIN | 60-57-1 | 2.00 | ND |
| ENDRIN | 72-20-8 | 2.00 | ND |
| 4,4'-DDD | 72-54-8 | 2.00 | 20.9 |
| ENDOSULFAN II | 33213-65-9 | 2.00 | ND |
| 4,4'-DDT | 50-29-3 | 2.00 | 52.4 |
| ENDRIN ALDEHYDE | 7421-93-4 | 2.00 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 2.00 | ND |
| METHOXYCHLOR | 72-43-5 | 2.00 | ND |
| CHLORDANE | 57-74-9 | 2.00 | 255 |
| TOXAPHENE | 8001-35-2 | 12.5 | ND |

| SURROGATE RECOVERY | % |
|--------------------|----|
| TCMX | 91 |
| DCBP | 86 |

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: *lev*
DATE: 08/15/17

K PRIME, INC.
LABORATORY REPORT

METHOD: TOTAL ARSENIC
REFERENCE: EPA 3050B/6020A

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE TYPE: SOIL
UNITS: mg/kg

| SAMPLE ID | LAB ID | BATCH # | DATE SAMPLED | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|-------------------|--------|----------|--------------|---------------|-----------------|-------------|
| S-SB-5-6" | 157273 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 4.34 |
| S-SB-6-6" | 157274 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 3.68 |
| S-SB-7-6" | 157275 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 3.54 |
| S-SB-8-6" | 157276 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 3.58 |
| S-SB-17-6" | 157277 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 5.90 |
| S-SB-18-6" | 157278 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 11.4 |
| S-SB-19-6" | 157279 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 18.8 |
| S-SB-20-6" | 157280 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 8.86 |
| BLIND DUPLICATE-2 | 157281 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 18.5 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: *llv*

DATE: 08/15/17

K PRIME, INC.
LABORATORY REPORT

METHOD: TOTAL LEAD
REFERENCE: EPA 3050B/6020A

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE TYPE: SOIL
UNITS: mg/kg

| SAMPLE ID | LAB ID | BATCH # | DATE SAMPLED | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|-------------------|--------|----------|--------------|---------------|-----------------|-------------|
| S-SB-5-6" | 157273 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 21.3 |
| S-SB-6-6" | 157274 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 38.6 |
| S-SB-7-6" | 157275 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 39.6 |
| S-SB-8-6" | 157276 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 39.4 |
| S-SB-17-6" | 157277 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 126 |
| S-SB-18-6" | 157278 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 516 |
| S-SB-19-6" | 157279 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 861 |
| S-SB-20-6" | 157280 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 2320 |
| BLIND DUPLICATE-2 | 157281 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 827 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: 

DATE: 08/15/17

K PRIME, INC.
LABORATORY BATCH QC REPORT

METHOD BLANK ID: B080217S1
BATCH NO: 080217S1
DATE EXTRACTED: 08/02/2017
DATE ANALYZED: 08/03/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------|------------|--------------------|----------------|
| ALPHA-BHC | 319-84-6 | 2.00 | ND |
| BETA-BHC | 319-85-7 | 2.00 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 2.00 | ND |
| HEPTACHLOR | 76-44-8 | 2.00 | ND |
| DELTA-BHC | 319-86-8 | 2.00 | ND |
| ALDRIN | 309-00-2 | 2.00 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 2.00 | ND |
| ENDOSULFAN I | 959-98-8 | 2.00 | ND |
| 4,4'-DDE | 72-55-9 | 2.00 | ND |
| DIELDRIN | 60-57-1 | 2.00 | ND |
| ENDRIN | 72-20-8 | 2.00 | ND |
| 4,4'-DDD | 72-54-8 | 2.00 | ND |
| ENDOSULFAN II | 33213-65-9 | 2.00 | ND |
| 4,4'-DDT | 50-29-3 | 2.00 | ND |
| ENDRIN ALDEHYDE | 7421-93-4 | 2.00 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 2.00 | ND |
| METHOXYCHLOR | 72-43-5 | 2.00 | ND |
| CHLORDANE | 57-74-9 | 2.00 | ND |
| TOXAPHENE | 8001-35-2 | 12.5 | ND |

| SURROGATE RECOVERY | % |
|--------------------|----|
| TCMX | 77 |
| DCBP | 77 |

NOTES:

ND - NOT DETECTED ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: B080217S1
SPIKE ID: L080217S1
DUPLICATE ID: D080217S1
BATCH NO: 080217S1
DATE EXTRACTED: 08/02/2017
DATE ANALYZED: 08/03/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

| COMPOUND NAME | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|---------------------|----------------|------------------|-----------------|-----------------|---------------|
| GAMMA-BHC (LINDANE) | 125 | ND | 103 | 83 | 50-150 |
| HEPTACHLOR | 125 | ND | 99.9 | 80 | 50-150 |
| ALDRIN | 125 | ND | 103 | 82 | 50-150 |
| DIELDRIN | 125 | ND | 102 | 81 | 50-150 |
| ENDRIN | 125 | ND | 99.3 | 79 | 50-150 |
| DDT | 125 | ND | 115 | 92 | 50-150 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|---------------------|--------------------|-----------------|---------------------|------------|---------------|
| GAMMA-BHC (LINDANE) | 2.00 | 103 | 112 | 7.9 | ±40 |
| HEPTACHLOR | 2.00 | 99.9 | 112 | 11.3 | ±40 |
| ALDRIN | 2.00 | 103 | 114 | 10.6 | ±40 |
| DIELDRIN | 2.00 | 102 | 114 | 11.4 | ±40 |
| ENDRIN | 2.00 | 99.3 | 114 | 13.9 | ±40 |
| DDT | 2.00 | 115 | 138 | 18.6 | ±40 |

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: L081017S1
DUPLICATE ID: D081017S1
METHOD BLANK ID: B081017S1
BATCH #: 081017S1
DATE ANALYZED: 08/11/2017

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT | | MB mg/kg | SA mg/kg | SR mg/kg | SP mg/kg | SPD mg/kg | SP %R | RPD % |
|----------------|----|--------------------|--------------------|--------------------|--------------------|---------------------|-----------------|-----------------|
| ARSENIC | As | <2.50 | 25.0 | 0.0 | 24.8 | 24.7 | 99 | 0.4 |
| LEAD | Pb | <2.50 | 25.0 | 0.0 | 25.8 | 25.8 | 103 | 0.1 |

NOTES:

ND: NOT DETECTED

MB: METHOD BLANK

SA: SPIKE ADDED

SR: SAMPLE RESULT

SP: SPIKE RESULT

SPD: SPIKE DUPLICATE RESULT

SP(%R): SPIKE % RECOVERY

RPD: RELATIVE PERCENT DIFFERENCE

K PRIME, INC.

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd., Santa Rosa, CA 95403

PHONE: (707) 527-7574

FAX: (707) 527-7879

CHAIN OF CUSTODY RECORD

| Client/Project ID | Address/Phone | | ANALYSES | | KPI Project No. | | | | | |
|--|-------------------------------|-----------|--------------------------|----------------|-------------------|---|----------|-----------|--------------------------|-------------------------------|
| EBA Engineering | Santa Rosa, CA (707) 544-0767 | | | | | | | | | |
| Project Location | Client Project No. | EDF | | Log Code: | | | | | | |
| Sonoma Development Center | 17-2392 | no EDF | | | | | | | | |
| Contact | Sampler (Signature) | Global ID | Expected Turnaround Time | Remarks | | | | | | |
| M. Eanshaw / M. Kuzir | <i>M. Kuzir</i> | | | | | | | | | |
| Sample Identification No. | Date | Time | Lab Sample No. | Type of Sample | No. of Containers | EDF | Log Code | Global ID | Expected Turnaround Time | Remarks |
| S-SB-5-6" | 8/9/17 | 1222 | 157273 | Soil | 1 | X | | | 5-Day | Max = Sample ID = Duplicate-2 |
| S-SB-6-6" | 8/9/17 | 1221 | 157274 | Soil | 1 | X | | | | *S-Comp - D = |
| S-SB-7-6" | 8/9/17 | 1235 | 157275 | Soil | 1 | X | | | | 4:1 Lab comp |
| S-SB-8-6" | 8/9/17 | 1730 | 157276 | Soil | 1 | X | | | | of SB-5-8 (OCP's) |
| S-SB-17-6" | 8/9/17 | 1355 | 157277 | Soil | 1 | X | | | | |
| S-SB-18-6" | 8/9/17 | 1352 | 157278 | Soil | 1 | X | | | | |
| S-SB-19-6" | 8/9/17 | 1415 | 157279 | Soil | 1 | X | | | | *S-Comp - E = |
| S-SB-20-6" | 8/9/17 | 14:00 | 157280 | Soil | 1 | X | | | | 4:1 Lab Comp |
| Blind Duplicates | 8/9/17 | | 157281 | Soil | 1 | X | | | | of SB-17 thru SB-20 (OCP's) |
| Relinquished by: (Signature) <i>M. Kuzir</i> | | | | | | Received by: (Signature) <i>FK</i> | | Date | Time | |
| Relinquished by: (Signature) | | | | | | Received by: (Signature) <i>FK</i> | | 8/9/17 | 16:00 | |
| Relinquished by: (Signature) | | | | | | Received by: (Signature) | | 8/9/17 | 16:37 | |
| Disposal Method | | | | | | Received by: (Signature) | | Date | Time | |
| Disposed by: (Signature) | | | | | | White Copy : Accompanies Samples Yellow Copy : Sampler | | | | |

K PRIME, INC.

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd., Santa Rosa, CA 95403

CHAIN OF CUSTODY RECORD

PHONE: (707) 527-7574

FAX: (707) 527-7879

| Client/Project ID <i>EPA Engineering</i> | | Address/Phone <i>Santa Rosa, CA (707) 544-0784</i> | | KPI Project No. <i>9986</i> | | |
|--|---------------|---|----------------|---|-------------------|--|
| Project Location <i>Sonoma Developmental Center</i> | | Client Project No. <i>17-2388</i> | | <input type="checkbox"/> EDF Log Code: <i>no EDF</i> Globet ID _____ | | |
| Contact <i>M. Emshew M. Krueic</i> | | Sampler (Signature) | | Expected Turnaround Time | | |
| Sample Identification No. | Date | Time | Lab Sample No. | Type of Sample | No. of Containers | Remarks |
| <i>S-Comp-D</i> | <i>8/9/17</i> | | <i>157282</i> | <i>Soil</i> | <i>X</i> | <i>5 day</i> |
| <i>S-Comp-E</i> | <i>8/9/17</i> | | <i>157283</i> | <i>Soil</i> | <i>X</i> | <i>Comp: 157273-76</i> <i>Comp: 157277-80</i> |
| Relinquished by: (Signature) | | Date | | Time | | |
| <i>Lab Composite</i> | | | | | | |
| Relinquished by: (Signature) | | Date | | Time | | |
| | | | | | | |
| Relinquished by: (Signature) | | Date | | Time | | |
| Disposal Method | | Date | | Time | | |
| Disposed by: (Signature) | | Date | | Time | | |

White Copy : Accompanies Samples
Yellow Copy : Sampler

K PRIME, Inc.

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd.
Santa Rosa CA 95403
Phone: 707 527 7574
FAX: 707 527 7879

TRANSMITTAL

DATE: 8/16/2017

TO: MR. MATT EARNSHAW
MR. MAX KRUZIC
EBA ENGINEERING
825 SONOMA AVENUE
SANTA ROSA, CA 95404

9986
17-2382

Phone: 707-544-0784
Fax: 707-544-0866
Email: dataeba1@ebagroup.com

FROM: Richard A. Kage1, Ph.D.
Laboratory Director

*RAK/mc
8/16/2017*

SUBJECT: LABORATORY RESULTS FOR YOUR PROJECT 17-2382

Enclosed please find K Prime's laboratory reports for the following samples

| SAMPLE ID | TYPE | DATE | TIME | KPI LAB # |
|-------------------|-------|----------|-------|-----------|
| S-SB-39-6" | SOIL | 8/9/2017 | 9:30 | 157262 |
| S-SB-40-6" | SOIL | 8/9/2017 | 9:40 | 157263 |
| S-SB-41-6" | SOIL | 8/9/2017 | 9:47 | 157264 |
| S-SB-42-6" | SOIL | 8/9/2017 | 10:00 | 157265 |
| S-SB-37-6" | SOIL | 8/9/2017 | 10:15 | 157266 |
| S-SB-38-12" | SOIL | 8/9/2017 | 10:35 | 157267 |
| S-SB-1-6" | SOIL | 8/9/2017 | 11:55 | 157268 |
| S-SB-2-6" | SOIL | 8/9/2017 | 11:43 | 157269 |
| S-SB-3-6" | SOIL | 8/9/2017 | 11:33 | 157270 |
| S-SB-4-6" | SOIL | 8/9/2017 | 11:30 | 157271 |
| EQUIPMENT BLANK-2 | WATER | 8/9/2017 | 11:25 | 157272 |
| S-COMP-C | SOIL | 8/9/2017 | NA | 157284 |

The above listed sample group was received on 8/9/2017 and tested as requested on the chain of custody document.

Please call me if you have any questions or need further information
Thank you for this opportunity to be of service.

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

METHOD: GRO-GASOLINE RANGE ORGANICS
REFERENCE: EPA 8015B

SAMPLE TYPE: SOIL
UNITS: mg/Kg

| SAMPLE ID | LAB NO. | DATE SAMPLED | TIME SAMPLED | BATCH NO | DATE ANALYZED | MRL | SAMPLE CONC | GRO PATTERN |
|-------------|---------|-----------------|-----------------|-------------|------------------|------|----------------|----------------|
| S-SB-39-6" | 157262 | 08/09/2017 | 9:30 | 081417S1 | 08/14/2017 | 1.00 | ND | |
| S-SB-40-6" | 157263 | 08/09/2017 | 9:40 | 081417S1 | 08/14/2017 | 1.00 | ND | |
| S-SB-41-6" | 157264 | 08/09/2017 | 9:47 | 081417S1 | 08/14/2017 | 1.00 | ND | |
| S-SB-42-6" | 157265 | 08/09/2017 | 10:00 | 081417S1 | 08/14/2017 | 1.00 | ND | |
| S-SB-37-6" | 157266 | 08/09/2017 | 10:15 | 081417S1 | 08/14/2017 | 1.00 | ND | |
| S-SB-38-12" | 157267 | 08/09/2017 | 10:35 | 081417S1 | 08/14/2017 | 1.00 | ND | |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE METHOD LIMIT
NA - NOT APPLICABLE OR AVAILABLE
MRL - METHOD REPORTING LIMIT
AE - UNKNOWN HYDROCARBON WITH A SINGLE PEAK
AN - UNKNOWN HYDROCARBON WITH SEVERAL PEAKS
AS - HEAVIER HYDROCARBON THAN GASOLINE CONTRIBUTING TO GRO VALUE
CO - HYDROCARBON RESPONSE IN GASOLINE RANGE BUT DOES NOT RESEMBLE GASOLINE

APPROVED BY: cb
DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-39-6"
LAB NO: 157262
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 09:30
BATCH NO: 081017S1
DATE ANALYZED: 08/15/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8280

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------------|------------|--------------------|----------------|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 1.55 | ND |
| CHLOROMETHANE | 74-87-3 | 1.55 | ND |
| VINYL CHLORIDE | 75-01-4 | 1.55 | ND |
| BROMOMETHANE | 74-83-9 | 1.55 | ND |
| CHLOROETHANE | 75-00-3 | 1.55 | ND |
| TRICHLOROFUOROMETHANE | 75-69-4 | 1.55 | ND |
| 1,1-DICHLOROETHENE | 75-35-4 | 1.55 | ND |
| TRICHLOROTRIFLUOROETHANE | 76-13-1 | 1.55 | ND |
| METHYLENE CHLORIDE | 75-09-2 | 7.73 | ND |
| TRANS-1,2-DICHLOROETHENE | 156-60-5 | 1.55 | ND |
| 1,1-DICHLOROETHANE | 75-34-3 | 1.55 | ND |
| CIS-1,2-DICHLOROETHENE | 156-59-2 | 1.55 | ND |
| 2,2-DICHLOROPROPANE | 594-20-7 | 1.55 | ND |
| BROMOCHLOROMETHANE | 74-97-5 | 1.55 | ND |
| CHLOROFORM | 67-66-3 | 1.55 | ND |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 1.55 | ND |
| CARBON TETRACHLORIDE | 56-23-5 | 1.55 | ND |
| 1,1-DICHLOROPROPENE | 563-58-6 | 1.55 | ND |
| BENZENE | 71-43-2 | 1.55 | ND |
| 1,2-DICHLOROETHANE | 107-06-2 | 1.55 | ND |
| TRICHLOROETHENE | 79-01-6 | 1.55 | ND |
| 1,2-DICHLOROPROPANE | 78-87-5 | 1.55 | ND |
| DIBROMOMETHANE | 74-95-3 | 1.55 | ND |
| BROMODICHLOROMETHANE | 75-27-4 | 1.55 | ND |
| TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | 1.55 | ND |
| TOLUENE | 108-88-3 | 1.55 | ND |
| CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 1.55 | ND |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 1.55 | ND |
| TETRACHLOROETHENE | 127-18-4 | 1.55 | ND |
| 1,3-DICHLOROPROPANE | 142-28-9 | 1.55 | ND |
| DIBROMOCHLOROMETHANE | 124-48-1 | 1.55 | ND |
| 1,2-DIBROMOETHANE | 106-93-4 | 1.55 | ND |
| CHLOROBENZENE | 108-90-7 | 1.55 | ND |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 1.55 | ND |
| ETHYLBENZENE | 100-41-4 | 1.55 | ND |
| XYLENE (M+P) | 1330-20-7 | 1.55 | ND |
| XYLENE (O) | 1330-20-7 | 1.55 | ND |
| STYRENE | 100-42-5 | 1.55 | ND |
| BROMOFORM | 75-25-2 | 1.55 | ND |
| ISOPROPYLBENZENE | 98-82-8 | 1.55 | ND |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 1.55 | ND |
| BROMOBENZENE | 108-86-1 | 1.55 | ND |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 1.55 | ND |
| N-PROPYLBENZENE | 103-65-1 | 1.55 | ND |
| 2-CHLOROTOLUENE | 95-49-8 | 1.55 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-39-6"
LAB NO: 157262
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 09:30
BATCH NO: 081017S1
DATE ANALYZED: 08/15/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-----------------------------|----------|--------------------|----------------|
| 1,3,5-TRIMETHYLBENZENE | 108-87-8 | 1.55 | ND |
| 4-CHLOROTOLUENE | 106-43-4 | 1.55 | ND |
| TERT-BUTYLBENZENE | 98-06-6 | 1.55 | ND |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 1.55 | ND |
| SEC-BUTYLBENZENE | 135-98-8 | 1.55 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 1.55 | ND |
| 4-ISOPROPYLTOLUENE | 99-87-6 | 1.55 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 1.55 | ND |
| N-BUTYLBENZENE | 104-51-8 | 1.55 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 1.55 | ND |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 1.55 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 3.09 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 3.09 | ND |
| NAPHTHALENE | 91-20-3 | 3.09 | ND |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 3.09 | ND |

| SURROGATE RECOVERY | % |
|----------------------|-----|
| DIBROMOFLUOROMETHANE | 116 |
| TOLUENE-D8 | 112 |
| 4-BROMOFLUOROBENZENE | 83 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: *cb*
DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-40-6"
LAB NO: 157263
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 09:40
BATCH NO: 081017S1
DATE ANALYZED: 08/15/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------------|------------|--------------------|----------------|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 1.75 | ND |
| CHLOROMETHANE | 74-87-3 | 1.75 | ND |
| VINYL CHLORIDE | 75-01-4 | 1.75 | ND |
| BROMOMETHANE | 74-83-9 | 1.75 | ND |
| CHLOROETHANE | 75-00-3 | 1.75 | ND |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 1.75 | ND |
| 1,1-DICHLOROETHENE | 75-35-4 | 1.75 | ND |
| TRICHLOROTRIFLUOROETHANE | 76-13-1 | 1.75 | ND |
| METHYLENE CHLORIDE | 75-09-2 | 8.73 | ND |
| TRANS-1,2-DICHLOROETHENE | 156-60-5 | 1.75 | ND |
| 1,1-DICHLOROETHANE | 75-34-3 | 1.75 | ND |
| CIS-1,2-DICHLOROETHENE | 156-59-2 | 1.75 | ND |
| 2,2-DICHLOROPROPANE | 594-20-7 | 1.75 | ND |
| BROMOCHLOROMETHANE | 74-97-5 | 1.75 | ND |
| CHLOROFORM | 67-66-3 | 1.75 | ND |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 1.75 | ND |
| CARBON TETRACHLORIDE | 56-23-5 | 1.75 | ND |
| 1,1-DICHLOROPROPENE | 563-58-6 | 1.75 | ND |
| BENZENE | 71-43-2 | 1.75 | ND |
| 1,2-DICHLOROETHANE | 107-06-2 | 1.75 | ND |
| TRICHLOROETHENE | 79-01-6 | 1.75 | ND |
| 1,2-DICHLOROPROPANE | 78-87-5 | 1.75 | ND |
| DIBROMOMETHANE | 74-95-3 | 1.75 | ND |
| BROMODICHLOROMETHANE | 75-27-4 | 1.75 | ND |
| TRANS-1,3-DICHLOROPROPENE | 10081-02-6 | 1.75 | ND |
| TOLUENE | 108-88-3 | 1.75 | ND |
| CIS-1,3-DICHLOROPROPENE | 10081-01-5 | 1.75 | ND |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 1.75 | ND |
| TETRACHLOROETHENE | 127-18-4 | 1.75 | ND |
| 1,3-DICHLOROPROPANE | 142-28-9 | 1.75 | ND |
| DIBROMOCHLOROMETHANE | 124-48-1 | 1.75 | ND |
| 1,2-DIBROMOETHANE | 106-93-4 | 1.75 | ND |
| CHLOROBENZENE | 108-90-7 | 1.75 | ND |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 1.75 | ND |
| ETHYLBENZENE | 100-41-4 | 1.75 | ND |
| XYLENE (M+P) | 1330-20-7 | 1.75 | ND |
| XYLENE (O) | 1330-20-7 | 1.75 | ND |
| STYRENE | 100-42-5 | 1.75 | ND |
| BROMOFORM | 75-25-2 | 1.75 | ND |
| ISOPROPYLBENZENE | 98-82-8 | 1.75 | ND |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 1.75 | ND |
| BROMOBENZENE | 108-86-1 | 1.75 | ND |
| 1,2,3-TRICHLOROPROPANE | 98-18-4 | 1.75 | ND |
| N-PROPYLBENZENE | 103-65-1 | 1.75 | ND |
| 2-CHLOROTOLUENE | 95-49-8 | 1.75 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-40-6"
LAB NO: 157263
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 09:40
BATCH NO: 081017S1
DATE ANALYZED: 08/15/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-----------------------------|----------|--------------------|----------------|
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 1.75 | ND |
| 4-CHLOROTOLUENE | 106-43-4 | 1.75 | ND |
| TERT-BUTYLBENZENE | 98-06-6 | 1.75 | ND |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 1.75 | ND |
| SEC-BUTYLBENZENE | 135-98-8 | 1.75 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 1.75 | ND |
| 4-ISOPROPYLTOLUENE | 99-87-6 | 1.75 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 1.75 | ND |
| N-BUTYLBENZENE | 104-51-8 | 1.75 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 1.75 | ND |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 1.75 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 3.49 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 3.49 | ND |
| NAPHTHALENE | 91-20-3 | 3.49 | ND |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 3.49 | ND |

| SURROGATE RECOVERY | % |
|----------------------|-----|
| DIBROMOFLUOROMETHANE | 128 |
| TOLUENE-D8 | 113 |
| 4-BROMOFLUOROBENZENE | 79 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: *ch*
DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: S-SB-41-6"
LAB NO: 157264
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 09:47
BATCH NO: 081017S1
DATE ANALYZED: 08/15/2017

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------------|------------|-----------------|-------------|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 1.81 | ND |
| CHLOROMETHANE | 74-87-3 | 1.81 | ND |
| VINYL CHLORIDE | 75-01-4 | 1.81 | ND |
| BROMOMETHANE | 74-83-9 | 1.81 | ND |
| CHLOROETHANE | 75-00-3 | 1.81 | ND |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 1.81 | ND |
| 1,1-DICHLOROETHENE | 75-35-4 | 1.81 | ND |
| TRICHLOROTRIFLUOROETHANE | 76-13-1 | 1.81 | ND |
| METHYLENE CHLORIDE | 75-09-2 | 9.05 | ND |
| TRANS-1,2-DICHLOROETHENE | 156-80-5 | 1.81 | ND |
| 1,1-DICHLOROETHANE | 75-34-3 | 1.81 | ND |
| CIS-1,2-DICHLOROETHENE | 156-59-2 | 1.81 | ND |
| 2,2-DICHLOROPROPANE | 594-20-7 | 1.81 | ND |
| BROMOCHLOROMETHANE | 74-97-5 | 1.81 | ND |
| CHLOROFORM | 67-66-3 | 1.81 | ND |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 1.81 | ND |
| CARBON TETRACHLORIDE | 56-23-5 | 1.81 | ND |
| 1,1-DICHLOROPROPENE | 563-58-6 | 1.81 | ND |
| BENZENE | 71-43-2 | 1.81 | ND |
| 1,2-DICHLOROETHANE | 107-06-2 | 1.81 | ND |
| TRICHLOROETHENE | 79-01-6 | 1.81 | ND |
| 1,2-DICHLOROPROPANE | 78-87-5 | 1.81 | ND |
| DIBROMOMETHANE | 74-95-3 | 1.81 | ND |
| BROMODICHLOROMETHANE | 75-27-4 | 1.81 | ND |
| TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | 1.81 | ND |
| TOLUENE | 108-88-3 | 1.81 | ND |
| CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 1.81 | ND |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 1.81 | ND |
| TETRACHLOROETHENE | 127-18-4 | 1.81 | ND |
| 1,3-DICHLOROPROPANE | 142-28-9 | 1.81 | ND |
| DIBROMOCHLOROMETHANE | 124-48-1 | 1.81 | ND |
| 1,2-DIBROMOETHANE | 106-93-4 | 1.81 | ND |
| CHLOROBENZENE | 108-90-7 | 1.81 | ND |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 1.81 | ND |
| ETHYLBENZENE | 100-41-4 | 1.81 | ND |
| XYLENE (M+P) | 1330-20-7 | 1.81 | ND |
| XYLENE (O) | 1330-20-7 | 1.81 | ND |
| STYRENE | 100-42-5 | 1.81 | ND |
| BROMOFORM | 75-25-2 | 1.81 | ND |
| ISOPROPYLBENZENE | 98-82-8 | 1.81 | ND |
| 1,1,1,2-TETRACHLOROETHANE | 79-34-5 | 1.81 | ND |
| BROMOBENZENE | 108-86-1 | 1.81 | ND |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 1.81 | ND |
| N-PROPYLBENZENE | 103-85-1 | 1.81 | ND |
| 2-CHLOROTOLUENE | 95-49-8 | 1.81 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-41-6"
LAB NO: 157264
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 09:47
BATCH NO: 081017S1
DATE ANALYZED: 08/15/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-----------------------------|----------|--------------------|----------------|
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 1.81 | ND |
| 4-CHLOROTOLUENE | 106-43-4 | 1.81 | ND |
| TERT-BUTYLBENZENE | 98-06-6 | 1.81 | ND |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 1.81 | ND |
| SEC-BUTYLBENZENE | 135-98-8 | 1.81 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 1.81 | ND |
| 4-ISOPROPYLTOLUENE | 99-87-6 | 1.81 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 1.81 | ND |
| N-BUTYLBENZENE | 104-51-8 | 1.81 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 1.81 | ND |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 1.81 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 3.62 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 3.62 | ND |
| NAPHTHALENE | 91-20-3 | 3.62 | ND |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 3.62 | ND |

| SURROGATE RECOVERY | % |
|----------------------|-----|
| DIBROMOFLUOROMETHANE | 130 |
| TOLUENE-D8 | 110 |
| 4-BROMOFLUOROBENZENE | 87 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: ew
DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: S-SB-42-6"
LAB NO: 157265
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 10:00
BATCH NO: 081017S1
DATE ANALYZED: 08/15/2017

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------------|------------|--------------------|----------------|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 1.62 | ND |
| CHLOROMETHANE | 74-87-3 | 1.62 | ND |
| VINYL CHLORIDE | 75-01-4 | 1.62 | ND |
| BROMOMETHANE | 74-83-9 | 1.62 | ND |
| CHLOROETHANE | 75-00-3 | 1.62 | ND |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 1.62 | ND |
| 1,1-DICHLOROETHENE | 75-35-4 | 1.62 | ND |
| TRICHLOROTRIFLUOROETHANE | 76-13-1 | 1.62 | ND |
| METHYLENE CHLORIDE | 75-09-2 | 8.10 | ND |
| TRANS-1,2-DICHLOROETHENE | 156-60-5 | 1.62 | ND |
| 1,1-DICHLOROETHANE | 75-34-3 | 1.62 | ND |
| CIS-1,2-DICHLOROETHENE | 156-59-2 | 1.62 | ND |
| 2,2-DICHLOROPROPANE | 594-20-7 | 1.62 | ND |
| BROMOCHLOROMETHANE | 74-97-5 | 1.62 | ND |
| CHLOROFORM | 67-66-3 | 1.62 | ND |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 1.62 | ND |
| CARBON TETRACHLORIDE | 58-23-5 | 1.62 | ND |
| 1,1-DICHLOROPROPENE | 563-58-6 | 1.62 | ND |
| BENZENE | 71-43-2 | 1.62 | ND |
| 1,2-DICHLOROETHANE | 107-06-2 | 1.62 | ND |
| TRICHLOROETHENE | 79-01-6 | 1.62 | ND |
| 1,2-DICHLOROPROPANE | 78-87-5 | 1.62 | ND |
| DIBROMOMETHANE | 74-95-3 | 1.62 | ND |
| BROMODICHLOROMETHANE | 75-27-4 | 1.62 | ND |
| TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | 1.62 | ND |
| TOLUENE | 108-88-3 | 1.62 | ND |
| CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 1.62 | ND |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 1.62 | ND |
| TETRACHLOROETHENE | 127-18-4 | 1.62 | ND |
| 1,3-DICHLOROPROPANE | 142-28-9 | 1.62 | ND |
| DIBROMOCHLOROMETHANE | 124-48-1 | 1.62 | ND |
| 1,2-DIBROMOETHANE | 106-93-4 | 1.62 | ND |
| CHLOROBENZENE | 108-90-7 | 1.62 | ND |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 1.62 | ND |
| ETHYLBENZENE | 100-41-4 | 1.62 | ND |
| XYLENE (M+P) | 1330-20-7 | 1.62 | ND |
| XYLENE (O) | 1330-20-7 | 1.62 | ND |
| STYRENE | 100-42-5 | 1.62 | ND |
| BROMOFORM | 75-25-2 | 1.62 | ND |
| ISOPROPYLBENZENE | 98-82-8 | 1.62 | ND |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 1.62 | ND |
| BROMOBENZENE | 108-86-1 | 1.62 | ND |
| 1,2,3-TRICHLOROPROPANE | 98-18-4 | 1.62 | ND |
| N-PROPYLBENZENE | 103-65-1 | 1.62 | ND |
| 2-CHLOROTOLUENE | 95-49-8 | 1.62 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-42-6"
LAB NO: 157265
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 10:00
BATCH NO: 081017S1
DATE ANALYZED: 08/15/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-----------------------------|----------|--------------------|----------------|
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 1.62 | ND |
| 4-CHLOROTOLUENE | 106-43-4 | 1.62 | ND |
| TERT-BUTYLBENZENE | 98-06-6 | 1.62 | ND |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 1.62 | ND |
| SEC-BUTYLBENZENE | 135-98-8 | 1.62 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 1.62 | ND |
| 4-ISOPROPYLTOLUENE | 99-87-6 | 1.62 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 1.62 | ND |
| N-BUTYLBENZENE | 104-51-8 | 1.62 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 1.62 | ND |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 1.62 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 3.24 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 3.24 | ND |
| NAPHTHALENE | 91-20-3 | 3.24 | ND |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 3.24 | ND |

| SURROGATE RECOVERY | % |
|----------------------|-----|
| DIBROMOFLUOROMETHANE | 123 |
| TOLUENE-D8 | 103 |
| 4-BROMOFLUOROBENZENE | 79 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: *ch*
DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-37-6"
LAB NO: 157266
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 10:15
BATCH NO: 081017S1
DATE ANALYZED: 08/15/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------------|------------|--------------------|----------------|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 1.64 | ND |
| CHLOROMETHANE | 74-87-3 | 1.64 | ND |
| VINYL CHLORIDE | 75-01-4 | 1.64 | ND |
| BROMOMETHANE | 74-83-9 | 1.64 | ND |
| CHLOROETHANE | 75-00-3 | 1.64 | ND |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 1.64 | ND |
| 1,1-DICHLOROETHENE | 75-35-4 | 1.64 | ND |
| TRICHLOROTRIFLUOROETHANE | 78-13-1 | 1.64 | ND |
| METHYLENE CHLORIDE | 75-09-2 | 8.20 | ND |
| TRANS-1,2-DICHLOROETHENE | 156-80-5 | 1.64 | ND |
| 1,1-DICHLOROETHANE | 75-34-3 | 1.64 | ND |
| CIS-1,2-DICHLOROETHENE | 156-58-2 | 1.64 | ND |
| 2,2-DICHLOROPROPANE | 594-20-7 | 1.64 | ND |
| BROMOCHLOROMETHANE | 74-97-5 | 1.64 | ND |
| CHLOROFORM | 67-66-3 | 1.64 | ND |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 1.64 | ND |
| CARBON TETRACHLORIDE | 56-23-5 | 1.64 | ND |
| 1,1-DICHLOROPROPENE | 563-58-6 | 1.64 | ND |
| BENZENE | 71-43-2 | 1.64 | ND |
| 1,2-DICHLOROETHANE | 107-06-2 | 1.64 | ND |
| TRICHLOROETHENE | 79-01-6 | 1.64 | ND |
| 1,2-DICHLOROPROPANE | 78-87-5 | 1.64 | ND |
| DIBROMOMETHANE | 74-95-3 | 1.64 | ND |
| BROMODICHLOROMETHANE | 75-27-4 | 1.64 | ND |
| TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | 1.64 | ND |
| TOLUENE | 108-88-3 | 1.64 | ND |
| CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 1.64 | ND |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 1.64 | ND |
| TETRACHLOROETHENE | 127-18-4 | 1.64 | ND |
| 1,3-DICHLOROPROPANE | 142-28-9 | 1.64 | ND |
| DIBROMOCHLOROMETHANE | 124-48-1 | 1.64 | ND |
| 1,2-DIBROMOETHANE | 106-93-4 | 1.64 | ND |
| CHLOROBENZENE | 108-90-7 | 1.64 | ND |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 1.64 | ND |
| ETHYLBENZENE | 100-41-4 | 1.64 | ND |
| XYLENE (M+P) | 1330-20-7 | 1.64 | ND |
| XYLENE (O) | 1330-20-7 | 1.64 | ND |
| STYRENE | 100-42-5 | 1.64 | ND |
| BROMOFORM | 75-25-2 | 1.64 | ND |
| ISOPROPYLBENZENE | 98-82-8 | 1.64 | ND |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 1.64 | ND |
| BROMOBENZENE | 108-86-1 | 1.64 | ND |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 1.64 | ND |
| N-PROPYLBENZENE | 103-65-1 | 1.64 | ND |
| 2-CHLOROTOLUENE | 95-49-8 | 1.64 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-37-6"
LAB NO: 157266
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 10:15
BATCH NO: 081017S1
DATE ANALYZED: 08/15/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-----------------------------|----------|--------------------|----------------|
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 1.64 | ND |
| 4-CHLOROTOLUENE | 106-43-4 | 1.64 | ND |
| TERT-BUTYLBENZENE | 98-06-6 | 1.64 | ND |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 1.64 | ND |
| SEC-BUTYLBENZENE | 135-98-8 | 1.64 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 1.64 | ND |
| 4-ISOPROPYLTOLUENE | 99-87-6 | 1.64 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 1.64 | ND |
| N-BUTYLBENZENE | 104-51-8 | 1.64 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 1.64 | ND |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 1.64 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 3.28 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 3.28 | ND |
| NAPHTHALENE | 91-20-3 | 3.28 | ND |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 3.28 | ND |

| SURROGATE RECOVERY | % |
|----------------------|-----|
| DIBROMOFLUOROMETHANE | 124 |
| TOLUENE-D8 | 107 |
| 4-BROMOFLUOROBENZENE | 88 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: *ch*
DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-38-12"
LAB NO: 157267
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 10:35
BATCH NO: 081017S1
DATE ANALYZED: 08/15/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------------|------------|--------------------|----------------|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 1.81 | ND |
| CHLOROMETHANE | 74-87-3 | 1.81 | ND |
| VINYL CHLORIDE | 75-01-4 | 1.81 | ND |
| BROMOMETHANE | 74-83-9 | 1.81 | ND |
| CHLOROETHANE | 75-00-3 | 1.81 | ND |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 1.81 | ND |
| 1,1-DICHLOROETHENE | 75-35-4 | 1.81 | ND |
| TRICHLOROTRIFLUOROETHANE | 76-13-1 | 1.81 | ND |
| METHYLENE CHLORIDE | 75-09-2 | 9.03 | ND |
| TRANS-1,2-DICHLOROETHENE | 156-60-5 | 1.81 | ND |
| 1,1-DICHLOROETHANE | 75-34-3 | 1.81 | ND |
| CIS-1,2-DICHLOROETHENE | 156-59-2 | 1.81 | ND |
| 2,2-DICHLOROPROPANE | 594-20-7 | 1.81 | ND |
| BROMOCHLOROMETHANE | 74-97-5 | 1.81 | ND |
| CHLOROFORM | 67-66-3 | 1.81 | ND |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 1.81 | ND |
| CARBON TETRACHLORIDE | 56-23-5 | 1.81 | ND |
| 1,1-DICHLOROPROPENE | 563-58-6 | 1.81 | ND |
| BENZENE | 71-43-2 | 1.81 | ND |
| 1,2-DICHLOROETHANE | 107-06-2 | 1.81 | ND |
| TRICHLOROETHENE | 79-01-6 | 1.81 | ND |
| 1,2-DICHLOROPROPANE | 78-87-5 | 1.81 | ND |
| DIBROMOMETHANE | 74-95-3 | 1.81 | ND |
| BROMODICHLOROMETHANE | 75-27-4 | 1.81 | ND |
| TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | 1.81 | ND |
| TOLUENE | 108-88-3 | 1.81 | ND |
| CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 1.81 | ND |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 1.81 | ND |
| TETRACHLOROETHENE | 127-18-4 | 1.81 | ND |
| 1,3-DICHLOROPROPANE | 142-28-9 | 1.81 | ND |
| DIBROMOCHLOROMETHANE | 124-48-1 | 1.81 | ND |
| 1,2-DIBROMOETHANE | 106-93-4 | 1.81 | ND |
| CHLOROBENZENE | 108-90-7 | 1.81 | ND |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 1.81 | ND |
| ETHYLBENZENE | 100-41-4 | 1.81 | ND |
| XYLENE (M+P) | 1330-20-7 | 1.81 | ND |
| XYLENE (O) | 1330-20-7 | 1.81 | ND |
| STYRENE | 100-42-5 | 1.81 | ND |
| BROMOFORM | 75-25-2 | 1.81 | ND |
| ISOPROPYLBENZENE | 98-82-8 | 1.81 | ND |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 1.81 | ND |
| BROMOBENZENE | 108-88-1 | 1.81 | ND |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 1.81 | ND |
| N-PROPYLBENZENE | 103-65-1 | 1.81 | ND |
| 2-CHLOROTOLUENE | 95-49-8 | 1.81 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-38-12"
LAB NO: 157267
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 10:35
BATCH NO: 081017S1
DATE ANALYZED: 08/15/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-----------------------------|----------|--------------------|----------------|
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 1.81 | ND |
| 4-CHLOROTOLUENE | 106-43-4 | 1.81 | ND |
| TERT-BUTYLBENZENE | 98-06-6 | 1.81 | ND |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 1.81 | ND |
| SEC-BUTYLBENZENE | 135-98-8 | 1.81 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 1.81 | ND |
| 4-ISOPROPYLTOLUENE | 99-87-6 | 1.81 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 1.81 | ND |
| N-BUTYLBENZENE | 104-51-8 | 1.81 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 1.81 | ND |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 1.81 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 3.61 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 3.61 | ND |
| NAPHTHALENE | 91-20-3 | 3.61 | ND |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 3.61 | ND |

| SURROGATE RECOVERY | % |
|----------------------|-----|
| DIBROMOFLUOROMETHANE | 126 |
| TOLUENE-D8 | 108 |
| 4-BROMOFLUOROBENZENE | 84 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: *ch*
DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

METHOD: HRO
REFERENCE: EPA 8015B

SAMPLE TYPE: SOIL
UNITS: mg/Kg

| SAMPLE ID | LAB NO. | DATE SAMPLED | BATCH ID | EXTRACT DATE | DATE ANALYZED | MRL | SAMPLE CONC | HRO PATTERN |
|-------------|---------|-----------------|-------------|-----------------|------------------|------|----------------|----------------|
| S-SB-39-6" | 157262 | 08/09/2017 | 080917S1 | 08/10/2017 | 08/10/2017 | 10.0 | 41.4 | |
| S-SB-40-6" | 157263 | 08/09/2017 | 080917S1 | 08/10/2017 | 08/10/2017 | 10.0 | ND | |
| S-SB-41-6" | 157264 | 08/09/2017 | 080917S1 | 08/10/2017 | 08/10/2017 | 10.0 | ND | |
| S-SB-42-6" | 157265 | 08/09/2017 | 080917S1 | 08/10/2017 | 08/10/2017 | 10.0 | ND | |
| S-SB-37-6" | 157266 | 08/09/2017 | 080917S1 | 08/10/2017 | 08/10/2017 | 10.0 | 487 | |
| S-SB-38-12" | 157267 | 08/09/2017 | 080917S1 | 08/10/2017 | 08/10/2017 | 10.0 | ND | |

NOTES:

HRO Heavy Range Organics (C24-C34) with Silica Gel Cleanup
 ND Not Detected at or above the stated MRL
 NA Not Applicable or Available
 MRL Method Reporting Limit
 AE Unknown hydrocarbon with a single peak
 AN Unknown hydrocarbon with several peaks

APPROVED BY: *ch*
 DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-39-6*
LAB NO: 157262
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 9:30
BATCH #: 080217S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-------------------------------|-----------|--------------------|----------------|
| ACENAPHTHENE | 83-32-9 | 330 | ND |
| ACENAPHTHYLENE | 208-96-8 | 330 | ND |
| ANTHRACENE | 120-12-7 | 330 | ND |
| BENZO (A) ANTHRACENE | 56-55-3 | 330 | ND |
| BENZO (B) FLUORANTHENE | 205-99-2 | 330 | ND |
| BENZO (K) FLUORANTHENE | 207-08-9 | 330 | ND |
| BENZO (A) PYRENE | 50-32-8 | 330 | ND |
| BENZO (G,H,I) PERYLENE | 191-24-2 | 330 | ND |
| BENZYL ALCOHOL | 100-51-6 | 330 | ND |
| BUTYL BENZYL PHTHALATE | 85-68-7 | 330 | ND |
| BIS (2-CHLOROETHYL) ETHER | 111-44-4 | 330 | ND |
| BIS (2-CHLOROETHOXY) METHANE | 111-91-1 | 330 | ND |
| BIS (2-CHLOROISOPROPYL) ETHER | 108-60-1 | 330 | ND |
| BIS (2-ETHYLHEXYL) PHTHALATE | 117-81-7 | 330 | ND |
| 4-BROMOPHENYL PHENYL ETHER | 101-55-3 | 330 | ND |
| 4-CHLOROANILINE | 106-47-8 | 330 | ND |
| 2-CHLORONAPHTHALENE | 91-58-7 | 330 | ND |
| 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 330 | ND |
| CHRYSENE | 218-01-9 | 330 | ND |
| DIBENZO (A,H) ANTHRACENE | 53-70-3 | 330 | ND |
| DIBENZOFURAN | 132-64-9 | 330 | ND |
| DI-N-BUTYLPHTHALATE | 84-74-2 | 330 | ND |
| 1,2-DICHLOROENZENE | 95-50-1 | 330 | ND |
| 1,3-DICHLOROENZENE | 541-73-1 | 330 | ND |
| 1,4-DICHLOROENZENE | 106-48-7 | 330 | ND |
| 3,3'-DICHLOROENZIDINE | 91-94-1 | 660 | ND |
| DIETHYLPHTHALATE | 84-66-2 | 330 | ND |
| DIMETHYL PHTHALATE | 131-11-3 | 330 | ND |
| 2,4-DINITROTOLUENE | 121-14-2 | 330 | ND |
| 2,6-DINITROTOLUENE | 606-20-2 | 330 | ND |
| DI-N-OCTYL PHTHALATE | 117-84-0 | 330 | ND |
| DIPHENYLAMINE | 122-39-4 | 330 | ND |
| FLUORANTHENE | 206-44-0 | 330 | ND |
| FLUORENE | 86-73-7 | 330 | ND |
| HEXACHLOROENZENE | 118-74-1 | 330 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 330 | ND |
| HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 330 | ND |
| HEXACHLOROETHANE | 67-72-1 | 330 | ND |
| INDENO (1,2,3-CD) PYRENE | 193-39-5 | 330 | ND |
| ISOPHORONE | 78-59-1 | 330 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE:
UNITS:

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|----------------------------|----------|--------------------|----------------|
| 2-METHYLNAPHTHALENE | 91-57-6 | 330 | ND |
| NAPHTHALENE | 91-20-3 | 330 | ND |
| 2-NITROANILINE | 88-74-4 | 1600 | ND |
| 3-NITROANILINE | 99-09-2 | 1600 | ND |
| 4-NITROANILINE | 100-01-6 | 1600 | ND |
| NITROBENZENE | 98-95-3 | 330 | ND |
| N-NITROSO-DI-N-PROPYLAMINE | 621-64-7 | 330 | ND |
| PHENANTHRENE | 85-01-8 | 330 | ND |
| PYRENE | 129-00-0 | 330 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 330 | ND |
| ACID EXTRACTABLES | | | |
| 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 660 | ND |
| 2-CHLOROPHENOL | 95-57-8 | 660 | ND |
| 2,4-DICHLOROPHENOL | 120-83-2 | 660 | ND |
| 2,4-DIMETHYLPHENOL | 105-67-9 | 660 | ND |
| 2,4-DINITROPHENOL | 51-28-5 | 1600 | ND |
| 4,6-DINITRO-2-METHYLPHENOL | 534-52-1 | 1600 | ND |
| 2-NITROPHENOL | 88-75-5 | 1600 | ND |
| 4-NITROPHENOL | 100-02-7 | 1600 | ND |
| PENTACHLOROPHENOL | 87-86-5 | 1600 | ND |
| PHENOL | 108-95-2 | 660 | ND |
| 2-METHYLPHENOL | 95-48-7 | 660 | ND |
| 4-METHYLPHENOL | 106-44-5 | 660 | ND |
| 2,4,5-TRICHLOROPHENOL | 95-95-4 | 1600 | ND |
| 2,4,6-TRICHLOROPHENOL | 88-06-2 | 1600 | ND |

| SURROGATE RECOVERY | % |
|----------------------|-----|
| NITROBENZENE-D5 | 84 |
| 2-FLUOROBIPHENYL | 69 |
| P-TERPHENYL-D14 | 94 |
| PHENOL-D8 | 88 |
| 2-FLUOROPHENOL | 83 |
| 2,4,6-TRIBROMOPHENOL | 119 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: ch
 DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-40-6"
LAB NO: 157263
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 9:40
BATCH #: 080217S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-------------------------------|-----------|-----------------|-------------|
| ACENAPHTHENE | 83-32-9 | 330 | ND |
| ACENAPHTHYLENE | 208-96-8 | 330 | ND |
| ANTHRACENE | 120-12-7 | 330 | ND |
| BENZO (A) ANTHRACENE | 58-55-3 | 330 | ND |
| BENZO (B) FLUORANTHENE | 205-99-2 | 330 | ND |
| BENZO (K) FLUORANTHENE | 207-08-9 | 330 | ND |
| BENZO (A) PYRENE | 50-32-8 | 330 | ND |
| BENZO (G,H,I) PERYLENE | 191-24-2 | 330 | ND |
| BENZYL ALCOHOL | 100-51-6 | 330 | ND |
| BUTYL BENZYL PHTHALATE | 85-68-7 | 330 | ND |
| BIS (2-CHLOROETHYL) ETHER | 111-44-4 | 330 | ND |
| BIS (2-CHLOROETHOXY) METHANE | 111-91-1 | 330 | ND |
| BIS (2-CHLOROISOPROPYL) ETHER | 108-80-1 | 330 | ND |
| BIS (2-ETHYLHEXYL) PHTHALATE | 117-81-7 | 330 | ND |
| 4-BROMOPHENYL PHENYL ETHER | 101-55-3 | 330 | ND |
| 4-CHLOROANILINE | 106-47-8 | 330 | ND |
| 2-CHLORONAPHTHALENE | 91-58-7 | 330 | ND |
| 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 330 | ND |
| CHRYSENE | 218-01-9 | 330 | ND |
| DIBENZO (A,H) ANTHRACENE | 53-70-3 | 330 | ND |
| DIBENZOFURAN | 132-64-9 | 330 | ND |
| DI-N-BUTYLPHTHALATE | 84-74-2 | 330 | ND |
| 1,2-DICHLOROENZENE | 95-50-1 | 330 | ND |
| 1,3-DICHLOROENZENE | 541-73-1 | 330 | ND |
| 1,4-DICHLOROENZENE | 106-48-7 | 330 | ND |
| 3,3'-DICHLOROENZIDINE | 91-94-1 | 660 | ND |
| DIETHYLPHTHALATE | 84-68-2 | 330 | ND |
| DIMETHYL PHTHALATE | 131-11-3 | 330 | ND |
| 2,4-DINITROTOLUENE | 121-14-2 | 330 | ND |
| 2,6-DINITROTOLUENE | 608-20-2 | 330 | ND |
| DI-N-OCTYL PHTHALATE | 117-84-0 | 330 | ND |
| DIPHENYLAMINE | 122-39-4 | 330 | ND |
| FLUORANTHENE | 206-44-0 | 330 | ND |
| FLUORENE | 86-73-7 | 330 | ND |
| HEXACHLOROENZENE | 118-74-1 | 330 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 330 | ND |
| HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 330 | ND |
| HEXACHLOROETHANE | 67-72-1 | 330 | ND |
| INDENO (1,2,3-CD) PYRENE | 193-39-5 | 330 | ND |
| ISOPHORONE | 78-59-1 | 330 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-40-6"
LAB NO: 157263
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 9:40
BATCH #: 080217S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: SEMI/VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|----------------------------|----------|-----------------|-------------|
| 2-METHYLNAPHTHALENE | 91-57-6 | 330 | ND |
| NAPHTHALENE | 91-20-3 | 330 | ND |
| 2-NITROANILINE | 88-74-4 | 1600 | ND |
| 3-NITROANILINE | 98-09-2 | 1600 | ND |
| 4-NITROANILINE | 100-01-6 | 1600 | ND |
| NITROBENZENE | 98-95-3 | 330 | ND |
| N-NITROSO-DI-N-PROPYLAMINE | 621-64-7 | 330 | ND |
| PHENANTHRENE | 85-01-8 | 330 | ND |
| PYRENE | 129-00-0 | 330 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 330 | ND |
| ACID EXTRACTABLES | | | |
| 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 660 | ND |
| 2-CHLOROPHENOL | 95-57-8 | 660 | ND |
| 2,4-DICHLOROPHENOL | 120-83-2 | 660 | ND |
| 2,4-DIMETHYLPHENOL | 105-67-9 | 660 | ND |
| 2,4-DINITROPHENOL | 51-28-5 | 1600 | ND |
| 4,6-DINITRO-2-METHYLPHENOL | 534-52-1 | 1600 | ND |
| 2-NITROPHENOL | 88-75-5 | 1600 | ND |
| 4-NITROPHENOL | 100-02-7 | 1600 | ND |
| PENTACHLOROPHENOL | 87-86-5 | 1600 | ND |
| PHENOL | 108-95-2 | 660 | ND |
| 2-METHYLPHENOL | 95-48-7 | 660 | ND |
| 4-METHYLPHENOL | 108-44-5 | 660 | ND |
| 2,4,5-TRICHLOROPHENOL | 95-95-4 | 1600 | ND |
| 2,4,6-TRICHLOROPHENOL | 88-06-2 | 1600 | ND |

| SURROGATE RECOVERY | % |
|----------------------|----|
| NITROBENZENE-D5 | 81 |
| 2-FLUOROBIPHENYL | 66 |
| P-TERPHENYL-D14 | 94 |
| PHENOL-D6 | 92 |
| 2-FLUOROPHENOL | 89 |
| 2,4,6-TRIBROMOPHENOL | 81 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY:
 DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-41-6"
LAB NO: 157264
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 9:47
BATCH #: 080217S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-------------------------------|-----------|--------------------|----------------|
| ACENAPHTHENE | 83-32-9 | 330 | ND |
| ACENAPHTHYLENE | 208-96-8 | 330 | ND |
| ANTHRACENE | 120-12-7 | 330 | ND |
| BENZO (A) ANTHRACENE | 56-55-3 | 330 | ND |
| BENZO (B) FLUORANTHENE | 205-99-2 | 330 | ND |
| BENZO (K) FLUORANTHENE | 207-08-9 | 330 | ND |
| BENZO (A) PYRENE | 50-32-8 | 330 | ND |
| BENZO (G,H,I) PERYLENE | 181-24-2 | 330 | ND |
| BENZYL ALCOHOL | 100-51-6 | 330 | ND |
| BUTYL BENZYL PHTHALATE | 85-68-7 | 330 | ND |
| BIS (2-CHLOROETHYL) ETHER | 111-44-4 | 330 | ND |
| BIS (2-CHLOROETHOXY) METHANE | 111-91-1 | 330 | ND |
| BIS (2-CHLOROISOPROPYL) ETHER | 108-60-1 | 330 | ND |
| BIS (2-ETHYLHEXYL) PHTHALATE | 117-81-7 | 330 | ND |
| 4-BROMOPHENYL PHENYL ETHER | 101-55-3 | 330 | ND |
| 4-CHLOROANILINE | 106-47-8 | 330 | ND |
| 2-CHLORONAPHTHALENE | 91-58-7 | 330 | ND |
| 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 330 | ND |
| CHRYSENE | 218-01-9 | 330 | ND |
| DIBENZO (A,H) ANTHRACENE | 53-70-3 | 330 | ND |
| DIBENZOFURAN | 132-64-9 | 330 | ND |
| DI-N-BUTYLPHTHALATE | 84-74-2 | 330 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 330 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 330 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 330 | ND |
| 3,3'-DICHLOROBENZIDINE | 91-94-1 | 660 | ND |
| DIETHYLPHTHALATE | 84-66-2 | 330 | ND |
| DIMETHYL PHTHALATE | 131-11-3 | 330 | ND |
| 2,4-DINITROTOLUENE | 121-14-2 | 330 | ND |
| 2,6-DINITROTOLUENE | 606-20-2 | 330 | ND |
| DI-N-OCTYL PHTHALATE | 117-84-0 | 330 | ND |
| DIPHENYLAMINE | 122-39-4 | 330 | ND |
| FLUORANTHENE | 206-44-0 | 330 | ND |
| FLUORENE | 86-73-7 | 330 | ND |
| HEXACHLOROBENZENE | 118-74-1 | 330 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 330 | ND |
| HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 330 | ND |
| HEXACHLOROETHANE | 67-72-1 | 330 | ND |
| INDENO (1,2,3-CD) PYRENE | 193-39-5 | 330 | ND |
| ISOPHORONE | 78-59-1 | 330 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-41-6"
LAB NO: 157264
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 9:47
BATCH #: 080217S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|----------------------------|----------|-----------------|-------------|
| 2-METHYLNAPHTHALENE | 91-57-6 | 330 | ND |
| NAPHTHALENE | 91-20-3 | 330 | ND |
| 2-NITROANILINE | 88-74-4 | 1600 | ND |
| 3-NITROANILINE | 99-09-2 | 1600 | ND |
| 4-NITROANILINE | 100-01-6 | 1600 | ND |
| NITROBENZENE | 98-95-3 | 330 | ND |
| N-NITROSO-DI-N-PROPYLAMINE | 621-64-7 | 330 | ND |
| PHENANTHRENE | 85-01-8 | 330 | ND |
| PYRENE | 129-00-0 | 330 | ND |
| 1,2,4-TRICHLOROBEZENE | 120-82-1 | 330 | ND |
| ACID EXTRACTABLES | | | |
| 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 660 | ND |
| 2-CHLOROPHENOL | 95-57-8 | 660 | ND |
| 2,4-DICHLOROPHENOL | 120-83-2 | 660 | ND |
| 2,4-DIMETHYLPHENOL | 105-67-9 | 660 | ND |
| 2,4-DINITROPHENOL | 51-28-5 | 1600 | ND |
| 4,6-DINITRO-2-METHYLPHENOL | 534-52-1 | 1600 | ND |
| 2-NITROPHENOL | 88-75-5 | 1600 | ND |
| 4-NITROPHENOL | 100-02-7 | 1600 | ND |
| PENTACHLOROPHENOL | 87-86-5 | 1600 | ND |
| PHENOL | 108-95-2 | 660 | ND |
| 2-METHYLPHENOL | 95-48-7 | 660 | ND |
| 4-METHYLPHENOL | 108-44-5 | 660 | ND |
| 2,4,5-TRICHLOROPHENOL | 95-85-4 | 1600 | ND |
| 2,4,6-TRICHLOROPHENOL | 88-08-2 | 1600 | ND |

| SURROGATE RECOVERY | % |
|----------------------|----|
| NITROBENZENE-D5 | 90 |
| 2-FLUOROBIPHENYL | 71 |
| P-TERPHENYL-D14 | 89 |
| PHENOL-D6 | 88 |
| 2-FLUOROPHENOL | 86 |
| 2,4,6-TRIBROMOPHENOL | 89 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY:
 DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
 CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-42-6"
 LAB NO: 157265
 DATE SAMPLED: 08/09/2017
 TIME SAMPLED: 10:00
 BATCH #: 080217S1
 DATE EXTRACTED: 08/10/2017
 DATE ANALYZED: 08/11/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
 REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
 UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-------------------------------|-----------|-----------------|-------------|
| ACENAPHTHENE | 83-32-9 | 330 | ND |
| ACENAPHTHYLENE | 208-96-8 | 330 | ND |
| ANTHRACENE | 120-12-7 | 330 | ND |
| BENZO (A) ANTHRACENE | 56-55-3 | 330 | ND |
| BENZO (B) FLUORANTHENE | 205-99-2 | 330 | ND |
| BENZO (K) FLUORANTHENE | 207-08-9 | 330 | ND |
| BENZO (A) PYRENE | 50-32-8 | 330 | ND |
| BENZO (G,H,I) PERYLENE | 191-24-2 | 330 | ND |
| BENZYL ALCOHOL | 100-51-6 | 330 | ND |
| BUTYL BENZYL PHTHALATE | 85-68-7 | 330 | ND |
| BIS (2-CHLOROETHYL) ETHER | 111-44-4 | 330 | ND |
| BIS (2-CHLOROETHOXY) METHANE | 111-91-1 | 330 | ND |
| BIS (2-CHLOROISOPROPYL) ETHER | 108-60-1 | 330 | ND |
| BIS (2-ETHYLHEXYL) PHTHALATE | 117-81-7 | 330 | ND |
| 4-BROMOPHENYL PHENYL ETHER | 101-55-3 | 330 | ND |
| 4-CHLOROANILINE | 106-47-8 | 330 | ND |
| 2-CHLORONAPHTHALENE | 91-58-7 | 330 | ND |
| 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 330 | ND |
| CHRYSENE | 218-01-9 | 330 | ND |
| DIBENZO (A,H) ANTHRACENE | 53-70-3 | 330 | ND |
| DIBENZOFURAN | 132-64-9 | 330 | ND |
| DI-N-BUTYLPHthalate | 84-74-2 | 330 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 330 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 330 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 330 | ND |
| 3,3'-DICHLOROBENZIDINE | 91-94-1 | 660 | ND |
| DIETHYLPHthalate | 84-66-2 | 330 | ND |
| DIMETHYL PHTHALATE | 131-11-3 | 330 | ND |
| 2,4-DINITROTOLUENE | 121-14-2 | 330 | ND |
| 2,6-DINITROTOLUENE | 608-20-2 | 330 | ND |
| DI-N-OCTYL PHTHALATE | 117-84-0 | 330 | ND |
| DIPHENYLAMINE | 122-39-4 | 330 | ND |
| FLUORANTHENE | 206-44-0 | 330 | ND |
| FLUORENE | 86-73-7 | 330 | ND |
| HEXACHLOROBENZENE | 118-74-1 | 330 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 330 | ND |
| HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 330 | ND |
| HEXACHLOROETHANE | 67-72-1 | 330 | ND |
| INDENO (1,2,3-CD) PYRENE | 193-39-5 | 330 | ND |
| ISOPHORONE | 78-59-1 | 330 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-37-6"
LAB NO: 157266
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 10:15
BATCH #: 080217S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-------------------------------|-----------|-----------------|-------------|
| ACENAPHTHENE | 83-32-9 | 330 | ND |
| ACENAPHTHYLENE | 208-96-8 | 330 | 6960 |
| ANTHRACENE | 120-12-7 | 330 | 2380 |
| BENZO (A) ANTHRACENE | 56-55-3 | 330 | 1210 |
| BENZO (B) FLUORANTHENE | 205-99-2 | 330 | 425 |
| BENZO (K) FLUORANTHENE | 207-08-9 | 330 | 602 |
| BENZO (A) PYRENE | 50-32-8 | 330 | 673 |
| BENZO (G,H,I) PERYLENE | 191-24-2 | 330 | 3440 |
| BENZYL ALCOHOL | 100-51-6 | 330 | ND |
| BUTYL BENZYL PHTHALATE | 65-68-7 | 330 | ND |
| BIS (2-CHLOROETHYL) ETHER | 111-44-4 | 330 | ND |
| BIS (2-CHLOROETHOXY) METHANE | 111-91-1 | 330 | ND |
| BIS (2-CHLOROISOPROPYL) ETHER | 108-60-1 | 330 | ND |
| BIS (2-ETHYLHEXYL) PHTHALATE | 117-81-7 | 330 | ND |
| 4-BROMOPHENYL PHENYL ETHER | 101-55-3 | 330 | ND |
| 4-CHLOROANILINE | 106-47-8 | 330 | ND |
| 2-CHLORONAPHTHALENE | 91-58-7 | 330 | ND |
| 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 330 | ND |
| CHRYSENE | 218-01-8 | 330 | 772 |
| DIBENZO (A,H) ANTHRACENE | 53-70-3 | 330 | 565 |
| DIBENZOFURAN | 132-64-9 | 330 | ND |
| DI-N-BUTYLPHTHALATE | 84-74-2 | 330 | ND |
| 1,2-DICHLOROENZENE | 95-50-1 | 330 | ND |
| 1,3-DICHLOROENZENE | 541-73-1 | 330 | ND |
| 1,4-DICHLOROENZENE | 106-46-7 | 330 | ND |
| 3,3'-DICHLOROENZIDINE | 91-94-1 | 660 | ND |
| DIETHYLPHTHALATE | 84-66-2 | 330 | ND |
| DIMETHYL PHTHALATE | 131-11-3 | 330 | ND |
| 2,4-DINITROTOLUENE | 121-14-2 | 330 | ND |
| 2,6-DINITROTOLUENE | 606-20-2 | 330 | ND |
| DI-N-OCTYL PHTHALATE | 117-84-0 | 330 | ND |
| DIPHENYLAMINE | 122-39-4 | 330 | ND |
| FLUORANTHENE | 206-44-0 | 330 | ND |
| FLUORENE | 86-73-7 | 330 | ND |
| HEXACHLOROENZENE | 118-74-1 | 330 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 330 | ND |
| HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 330 | ND |
| HEXACHLOROETHANE | 67-72-1 | 330 | ND |
| INDENO (1,2,3-CD) PYRENE | 193-39-5 | 330 | 2390 |
| ISOPHORONE | 78-59-1 | 330 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-37-6"
LAB NO: 157266
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 10:15
BATCH #: 080217S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|----------------------------|----------|-----------------|-------------|
| 2-METHYLNAPHTHALENE | 91-57-6 | 330 | ND |
| NAPHTHALENE | 91-20-3 | 330 | ND |
| 2-NITROANILINE | 88-74-4 | 1600 | ND |
| 3-NITROANILINE | 99-09-2 | 1600 | ND |
| 4-NITROANILINE | 100-01-6 | 1600 | ND |
| NITROBENZENE | 98-95-3 | 330 | ND |
| N-NITROSO-DI-N-PROPYLAMINE | 621-64-7 | 330 | ND |
| PHENANTHRENE | 85-01-8 | 330 | 1750 |
| PYRENE | 129-00-0 | 330 | 1000 |
| 1,2,4-TRICHLOROBEZENE | 120-82-1 | 330 | ND |
| ACID EXTRACTABLES | | | |
| 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 660 | ND |
| 2-CHLOROPHENOL | 95-57-8 | 660 | ND |
| 2,4-DICHLOROPHENOL | 120-83-2 | 660 | ND |
| 2,4-DIMETHYLPHENOL | 105-67-9 | 660 | ND |
| 2,4-DINITROPHENOL | 51-28-5 | 1600 | ND |
| 4,6-DINITRO-2-METHYLPHENOL | 534-52-1 | 1600 | ND |
| 2-NITROPHENOL | 88-75-5 | 1600 | ND |
| 4-NITROPHENOL | 100-02-7 | 1600 | ND |
| PENTACHLOROPHENOL | 87-86-5 | 1800 | ND |
| PHENOL | 108-95-2 | 660 | ND |
| 2-METHYLPHENOL | 95-48-7 | 660 | ND |
| 4-METHYLPHENOL | 106-44-5 | 660 | ND |
| 2,4,5-TRICHLOROPHENOL | 95-95-4 | 1600 | ND |
| 2,4,6-TRICHLOROPHENOL | 88-06-2 | 1600 | ND |

| SURROGATE RECOVERY | % |
|----------------------|-----|
| NITROBENZENE-D5 | 89 |
| 2-FLUOROBIPHENYL | 112 |
| P-TERPHENYL-D14 | 71 |
| PHENOL-D6 | 63 |
| 2-FLUOROPHENOL | 70 |
| 2,4,6-TRIBROMOPHENOL | 95 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY:
 DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-38-12"
LAB NO: 157267
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 10:35
BATCH #: 080217S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-------------------------------|-----------|--------------------|----------------|
| ACENAPHTHENE | 83-32-8 | 330 | ND |
| ACENAPHTHYLENE | 208-96-8 | 330 | ND |
| ANTHRACENE | 120-12-7 | 330 | ND |
| BENZO (A) ANTHRACENE | 56-55-3 | 330 | ND |
| BENZO (B) FLUORANTHENE | 205-99-2 | 330 | ND |
| BENZO (K) FLUORANTHENE | 207-08-9 | 330 | ND |
| BENZO (A) PYRENE | 50-32-8 | 330 | ND |
| BENZO (G,H,I) PERYLENE | 191-24-2 | 330 | ND |
| BENZYL ALCOHOL | 100-51-6 | 330 | ND |
| BUTYL BENZYL PHTHALATE | 85-68-7 | 330 | ND |
| BIS (2-CHLOROETHYL) ETHER | 111-44-4 | 330 | ND |
| BIS (2-CHLOROETHOXY) METHANE | 111-91-1 | 330 | ND |
| BIS (2-CHLOROISOPROPYL) ETHER | 108-60-1 | 330 | ND |
| BIS (2-ETHYLHEXYL) PHTHALATE | 117-81-7 | 330 | ND |
| 4-BROMOPHENYL PHENYL ETHER | 101-55-3 | 330 | ND |
| 4-CHLOROANILINE | 106-47-8 | 330 | ND |
| 2-CHLORONAPHTHALENE | 91-58-7 | 330 | ND |
| 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 330 | ND |
| CHRYSENE | 218-01-9 | 330 | ND |
| DIBENZO (A,H) ANTHRACENE | 53-70-3 | 330 | ND |
| DIBENZOFURAN | 132-64-9 | 330 | ND |
| DI-N-BUTYLPHTHALATE | 84-74-2 | 330 | ND |
| 1,2-DICHLOROBEZENE | 95-50-1 | 330 | ND |
| 1,3-DICHLOROBEZENE | 541-73-1 | 330 | ND |
| 1,4-DICHLOROBEZENE | 106-46-7 | 330 | ND |
| 3,3'-DICHLOROBEZIDINE | 91-94-1 | 660 | ND |
| DIETHYLPHTHALATE | 84-66-2 | 330 | ND |
| DIMETHYL PHTHALATE | 131-11-3 | 330 | ND |
| 2,4-DINITROTOLUENE | 121-14-2 | 330 | ND |
| 2,6-DINITROTOLUENE | 606-20-2 | 330 | ND |
| DI-N-OCTYL PHTHALATE | 117-84-0 | 330 | ND |
| DIPHENYLAMINE | 122-39-4 | 330 | ND |
| FLUORANTHENE | 206-44-0 | 330 | ND |
| FLUORENE | 86-73-7 | 330 | ND |
| HEXACHLOROBEZENE | 118-74-1 | 330 | ND |
| HEXACHLOROBTADIENE | 87-68-3 | 330 | ND |
| HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 330 | ND |
| HEXACHLOROETHANE | 67-72-1 | 330 | ND |
| INDENO (1,2,3-CD) PYRENE | 193-39-5 | 330 | ND |
| ISOPHORONE | 78-59-1 | 330 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-38-12"
LAB NO: 157287
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 10:35
BATCH #: 080217S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|----------------------------|----------|--------------------|----------------|
| 2-METHYLNAPHTHALENE | 91-57-6 | 330 | ND |
| NAPHTHALENE | 91-20-3 | 330 | ND |
| 2-NITROANILINE | 88-74-4 | 1600 | ND |
| 3-NITROANILINE | 99-09-2 | 1600 | ND |
| 4-NITROANILINE | 100-01-6 | 1600 | ND |
| NITROBENZENE | 98-95-3 | 330 | ND |
| N-NITROSO-DI-N-PROPYLAMINE | 621-64-7 | 330 | ND |
| PHENANTHRENE | 85-01-8 | 330 | ND |
| PYRENE | 129-00-0 | 330 | ND |
| 1,2,4-TRICHLOROBEZENE | 120-82-1 | 330 | ND |
| ACID EXTRACTABLES | | | |
| 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 660 | ND |
| 2-CHLOROPHENOL | 95-57-8 | 660 | ND |
| 2,4-DICHLOROPHENOL | 120-83-2 | 660 | ND |
| 2,4-DIMETHYLPHENOL | 105-67-9 | 660 | ND |
| 2,4-DINITROPHENOL | 51-28-5 | 1600 | ND |
| 4,6-DINITRO-2-METHYLPHENOL | 534-52-1 | 1600 | ND |
| 2-NITROPHENOL | 88-75-5 | 1600 | ND |
| 4-NITROPHENOL | 100-02-7 | 1600 | ND |
| PENTACHLOROPHENOL | 87-86-5 | 1600 | ND |
| PHENOL | 108-95-2 | 660 | ND |
| 2-METHYLPHENOL | 95-48-7 | 660 | ND |
| 4-METHYLPHENOL | 106-44-5 | 660 | ND |
| 2,4,5-TRICHLOROPHENOL | 95-95-4 | 1600 | ND |
| 2,4,6-TRICHLOROPHENOL | 88-06-2 | 1600 | ND |

| SURROGATE RECOVERY | % |
|----------------------|----|
| NITROBENZENE-D5 | 67 |
| 2-FLUOROBIPHENYL | 58 |
| P-TERPHENYL-D14 | 84 |
| PHENOL-D6 | 71 |
| 2-FLUOROPHENOL | 68 |
| 2,4,6-TRIBROMOPHENOL | 75 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA NOT APPLICABLE OR AVAILABLE

APPROVED BY:
DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-COMP-C
LAB NO: 157284
DATE SAMPLED: 08/09/2017
TIME SAMPLED: NA
BATCH NO: 080217S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------|------------|-----------------|-------------|
| ALPHA-BHC | 319-84-6 | 2.00 | ND |
| BETA-BHC | 319-85-7 | 2.00 | ND |
| GAMMA-BHC (LINDANE) | 68-89-9 | 2.00 | ND |
| HEPTACHLOR | 76-44-8 | 2.00 | ND |
| DELTA-BHC | 319-86-8 | 2.00 | ND |
| ALDRIN | 309-00-2 | 2.00 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 2.00 | ND |
| ENDOSULFAN I | 959-98-8 | 2.00 | ND |
| 4,4'-DDE | 72-55-9 | 2.00 | 12.3 |
| DIELDRIN | 60-57-1 | 2.00 | ND |
| ENDRIN | 72-20-8 | 2.00 | ND |
| 4,4'-DDD | 72-54-8 | 2.00 | 11.4 |
| ENDOSULFAN II | 33213-65-9 | 2.00 | ND |
| 4,4'-DDT | 50-29-3 | 2.00 | 25.3 |
| ENDRIN ALDEHYDE | 7421-93-4 | 2.00 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 2.00 | ND |
| METHOXYCHLOR | 72-43-5 | 2.00 | ND |
| CHLORDANE | 57-74-9 | 2.00 | 69.4 |
| TOXAPHENE | 8001-35-2 | 12.5 | ND |

| SURROGATE RECOVERY | % |
|--------------------|----|
| TCMX | 88 |
| DCBP | 80 |

NOTES:
 ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: ch
 DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-39-6"
LAB NO: 157262
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 9:30
BATCH NO: 073117S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------|------------|--------------------|----------------|
| AROCLOR 1016 | 12674-11-2 | 25.0 | ND |
| AROCLOR 1221 | 11104-28-2 | 25.0 | ND |
| AROCLOR 1232 | 11141-16-5 | 25.0 | ND |
| AROCLOR 1242 | 53468-21-9 | 25.0 | ND |
| AROCLOR 1248 | 12672-29-8 | 25.0 | ND |
| AROCLOR 1254 | 11097-69-1 | 25.0 | ND |
| AROCLOR 1280 | 11096-82-5 | 25.0 | ND |

| SURROGATE RECOVERY | % |
|--------------------|-----|
| TCMX | 120 |
| DCBP | 142 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: *eh*
DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-40-6"
LAB NO: 157263
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 9:40
BATCH NO: 073117S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/14/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------|------------|--------------------|----------------|
| AROCLOR 1016 | 12674-11-2 | 25.0 | ND |
| AROCLOR 1221 | 11104-28-2 | 25.0 | ND |
| AROCLOR 1232 | 11141-16-5 | 25.0 | ND |
| AROCLOR 1242 | 53489-21-9 | 25.0 | ND |
| AROCLOR 1248 | 12672-29-8 | 25.0 | ND |
| AROCLOR 1254 | 11097-89-1 | 25.0 | ND |
| AROCLOR 1260 | 11096-82-5 | 25.0 | ND |

| SURROGATE RECOVERY | % |
|--------------------|-----|
| TCMX | 121 |
| DCBP | 120 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: ch
DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-41-6"
LAB NO: 157264
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 9:47
BATCH NO: 073117S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------|------------|--------------------|----------------|
| AROCLOR 1016 | 12674-11-2 | 25.0 | ND |
| AROCLOR 1221 | 11104-28-2 | 25.0 | ND |
| AROCLOR 1232 | 11141-16-5 | 25.0 | ND |
| AROCLOR 1242 | 53469-21-9 | 25.0 | ND |
| AROCLOR 1248 | 12672-29-6 | 25.0 | ND |
| AROCLOR 1254 | 11097-69-1 | 25.0 | ND |
| AROCLOR 1260 | 11096-82-5 | 25.0 | ND |

| SURROGATE RECOVERY | % |
|--------------------|-----|
| TCMX | 123 |
| DCBP | 124 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: *cb*
DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE ID: S-SB-39-6"
LAB NO: 157262
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 9:30
BATCH ID: 080917S1

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT NAME | | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|-----------------|----|------------------|--------------------|----------------|
| ANTIMONY | Sb | 08/10/2017 | 2.50 | ND |
| ARSENIC | As | 08/10/2017 | 2.50 | ND |
| BARIUM | Ba | 08/10/2017 | 2.50 | 121 |
| BERYLLIUM | Be | 08/10/2017 | 2.50 | ND |
| CADMIUM | Cd | 08/10/2017 | 2.50 | ND |
| CHROMIUM | Cr | 08/10/2017 | 2.50 | 18.4 |
| COBALT | Co | 08/10/2017 | 2.50 | 7.50 |
| COPPER | Cu | 08/10/2017 | 2.50 | 8.58 |
| LEAD | Pb | 08/10/2017 | 2.50 | 30.0 |
| MERCURY | Hg | 08/10/2017 | 0.100 | ND |
| MOLYBDENUM | Mo | 08/10/2017 | 2.50 | ND |
| NICKEL | Ni | 08/10/2017 | 2.50 | 23.2 |
| SELENIUM | Se | 08/10/2017 | 2.50 | ND |
| SILVER | Ag | 08/10/2017 | 2.50 | ND |
| THALLIUM | Tl | 08/10/2017 | 2.50 | ND |
| VANADIUM | V | 08/10/2017 | 2.50 | 20.2 |
| ZINC | Zn | 08/10/2017 | 2.50 | 74.7 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: ch
DATE: 8/10/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE ID: S-SB-40-6"
LAB NO: 157263
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 9:40
BATCH ID: 080917S1

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT NAME | | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|-----------------|----|------------------|--------------------|----------------|
| ANTIMONY | Sb | 08/10/2017 | 2.50 | ND |
| ARSENIC | As | 08/10/2017 | 2.50 | ND |
| BARIUM | Ba | 08/10/2017 | 2.50 | 80.8 |
| BERYLLIUM | Be | 08/10/2017 | 2.50 | ND |
| CADMIUM | Cd | 08/10/2017 | 2.50 | ND |
| CHROMIUM | Cr | 08/10/2017 | 2.50 | 17.1 |
| COBALT | Co | 08/10/2017 | 2.50 | 6.84 |
| COPPER | Cu | 08/10/2017 | 2.50 | 7.58 |
| LEAD | Pb | 08/10/2017 | 2.50 | 21.0 |
| MERCURY | Hg | 08/10/2017 | 0.100 | ND |
| MOLYBDENUM | Mo | 08/10/2017 | 2.50 | ND |
| NICKEL | Ni | 08/10/2017 | 2.50 | 20.9 |
| SELENIUM | Se | 08/10/2017 | 2.50 | ND |
| SILVER | Ag | 08/10/2017 | 2.50 | ND |
| THALLIUM | Tl | 08/10/2017 | 2.50 | ND |
| VANADIUM | V | 08/10/2017 | 2.50 | 20.3 |
| ZINC | Zn | 08/10/2017 | 2.50 | 81.8 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: ch
DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE ID: S-SB-41-6"
LAB NO: 157264
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 9:47
BATCH ID: 080917S1

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT NAME | | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|-----------------|----|------------------|--------------------|----------------|
| ANTIMONY | Sb | 08/10/2017 | 2.50 | ND |
| ARSENIC | As | 08/10/2017 | 2.50 | ND |
| BARIUM | Ba | 08/10/2017 | 2.50 | 91.8 |
| BERYLLIUM | Be | 08/10/2017 | 2.50 | ND |
| CADMIUM | Cd | 08/10/2017 | 2.50 | ND |
| CHROMIUM | Cr | 08/10/2017 | 2.50 | 20.0 |
| COBALT | Co | 08/10/2017 | 2.50 | 7.77 |
| COPPER | Cu | 08/10/2017 | 2.50 | 9.17 |
| LEAD | Pb | 08/10/2017 | 2.50 | 8.25 |
| MERCURY | Hg | 08/10/2017 | 0.100 | ND |
| MOLYBDENUM | Mo | 08/10/2017 | 2.50 | ND |
| NICKEL | Ni | 08/10/2017 | 2.50 | 24.2 |
| SELENIUM | Se | 08/10/2017 | 2.50 | ND |
| SILVER | Ag | 08/10/2017 | 2.50 | ND |
| THALLIUM | Tl | 08/10/2017 | 2.50 | ND |
| VANADIUM | V | 08/10/2017 | 2.50 | 19.5 |
| ZINC | Zn | 08/10/2017 | 2.50 | 54.2 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: eh
DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE ID: S-SB-42-6"
LAB NO: 157265
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 10:00
BATCH ID: 080917S1

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT NAME | | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|-----------------|----|------------------|--------------------|----------------|
| ANTIMONY | Sb | 08/10/2017 | 2.50 | ND |
| ARSENIC | As | 08/10/2017 | 2.50 | ND |
| BARIUM | Ba | 08/10/2017 | 2.50 | 93.3 |
| BERYLLIUM | Be | 08/10/2017 | 2.50 | ND |
| CADMIUM | Cd | 08/10/2017 | 2.50 | ND |
| CHROMIUM | Cr | 08/10/2017 | 2.50 | 16.6 |
| COBALT | Co | 08/10/2017 | 2.50 | 5.13 |
| COPPER | Cu | 08/10/2017 | 2.50 | 6.92 |
| LEAD | Pb | 08/10/2017 | 2.50 | 19.3 |
| MERCURY | Hg | 08/10/2017 | 0.100 | ND |
| MOLYBDENUM | Mo | 08/10/2017 | 2.50 | ND |
| NICKEL | Ni | 08/10/2017 | 2.50 | 19.4 |
| SELENIUM | Se | 08/10/2017 | 2.50 | ND |
| SILVER | Ag | 08/10/2017 | 2.50 | ND |
| THALLIUM | Tl | 08/10/2017 | 2.50 | ND |
| VANADIUM | V | 08/10/2017 | 2.50 | 20.1 |
| ZINC | Zn | 08/10/2017 | 2.50 | 51.2 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: Ch
DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

METHOD: TOTAL ARSENIC
REFERENCE: EPA 3050B/6020A

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE TYPE: SOIL
UNITS: mg/kg

| SAMPLE ID | LAB ID | BATCH # | DATE SAMPLED | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|-----------|--------|----------|--------------|---------------|-----------------|-------------|
| S-SB-1-6" | 157268 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 8.75 |
| S-SB-2-6" | 157269 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 7.05 |
| S-SB-3-6" | 157270 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 38.4 |
| S-SB-4-6" | 157271 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 9.49 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: *CH*

DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

METHOD: TOTAL LEAD
REFERENCE: EPA 3050B/6020A

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE TYPE: SOIL
UNITS: mg/kg

| SAMPLE ID | LAB ID | BATCH # | DATE SAMPLED | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|-------------|--------|----------|--------------|---------------|-----------------|-------------|
| S-SB-37-6" | 157266 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 4640 |
| S-SB-38-12" | 157267 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 42.5 |
| S-SB-1-6" | 157268 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 727 |
| S-SB-2-6" | 157269 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 140 |
| S-SB-3-6" | 157270 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 228 |
| S-SB-4-6" | 157271 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 101 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: *ch*

DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 200.8

SAMPLE ID: EQUIPMENT BLANK-2
LAB NO: 157272
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 11:25
BATCH ID: 080717W1

SAMPLE TYPE: WATER
UNITS: ug/L

| ELEMENT NAME | | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|-------------------------|----|--------------------------|----------------------------|------------------------|
| ARSENIC | As | 08/11/2017 | 1.00 | ND |
| LEAD | Pb | 08/11/2017 | 1.00 | ND |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: ck
DATE: 8/11/2017

K PRIME, INC.
LABORATORY QC REPORT

METHOD BLANK ID: B081417S1
BATCH NO: 081417S1
SAMPLE TYPE: SOIL
UNITS: mg/Kg

METHOD: GRO-GASOLINE RANGE ORGANICS
REFERENCE: EPA 8016B

DATE EXTRACTED: 08/14/2017
DATE ANALYZED: 08/14/2017

| COMPOUND NAME | REPORTING LIMIT | SAMPLE CONC |
|---------------|-----------------|-------------|
| TPH-G | 1.00 | ND |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

SAMPLE ID: L081417S1
DUPLICATE ID: D081417S1
BATCH NO: 081417S1
SAMPLE TYPE: SOIL
UNITS: mg/Kg

DATE EXTRACTED: 08/14/2017
DATE ANALYZED: 08/14/2017

ACCURACY (MATRIX SPIKE)

| COMPOUND NAME | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|---------------|-------------|---------------|--------------|--------------|------------|
| TPH-G | 5.00 | ND | 5.32 | 106 | 60-140 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|---------------|-----------------|--------------|------------------|---------|------------|
| TPH-G | 1.00 | 5.32 | 5.31 | 0.1 | ±20 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

METHOD BLANK ID: B081017S1
BATCH NO: 081017S1
DATE ANALYZED: 08/10/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------------|------------|--------------------|----------------|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 1.50 | ND |
| CHLOROMETHANE | 74-87-3 | 1.50 | ND |
| VINYL CHLORIDE | 75-01-4 | 1.50 | ND |
| BROMOMETHANE | 74-83-9 | 1.50 | ND |
| CHLOROETHANE | 75-00-3 | 1.50 | ND |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 1.50 | ND |
| 1,1-DICHLOROETHENE | 75-35-4 | 1.50 | ND |
| TRICHLOROTRIFLUOROETHANE | 76-13-1 | 1.50 | ND |
| METHYLENE CHLORIDE | 75-09-2 | 7.50 | ND |
| TRANS-1,2-DICHLOROETHENE | 156-60-5 | 1.50 | ND |
| 1,1-DICHLOROETHANE | 75-34-3 | 1.50 | ND |
| CIS-1,2-DICHLOROETHENE | 156-59-2 | 1.50 | ND |
| 2,2-DICHLOROPROPANE | 594-20-7 | 1.50 | ND |
| BROMOCHLOROMETHANE | 74-97-5 | 1.50 | ND |
| CHLOROFORM | 67-66-3 | 1.50 | ND |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 1.50 | ND |
| CARBON TETRACHLORIDE | 56-23-5 | 1.50 | ND |
| 1,1-DICHLOROPROPENE | 563-58-6 | 1.50 | ND |
| BENZENE | 71-43-2 | 1.50 | ND |
| 1,2-DICHLOROETHANE | 107-06-2 | 1.50 | ND |
| TRICHLOROETHENE | 79-01-6 | 1.50 | ND |
| 1,2-DICHLOROPROPANE | 78-87-5 | 1.50 | ND |
| DIBROMOMETHANE | 74-95-3 | 1.50 | ND |
| BROMODICHLOROMETHANE | 75-27-4 | 1.50 | ND |
| TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | 1.50 | ND |
| TOLUENE | 108-88-3 | 1.50 | ND |
| CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 1.50 | ND |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 1.50 | ND |
| TETRACHLOROETHENE | 127-18-4 | 1.50 | ND |
| 1,3-DICHLOROPROPANE | 142-28-9 | 1.50 | ND |
| DIBROMOCHLOROMETHANE | 124-48-1 | 1.50 | ND |
| 1,2-DIBROMOETHANE | 106-93-4 | 1.50 | ND |
| CHLOROBENZENE | 108-90-7 | 1.50 | ND |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 1.50 | ND |
| ETHYLBENZENE | 100-41-4 | 1.50 | ND |
| XYLENE (M+P) | 1330-20-7 | 1.50 | ND |
| XYLENE (O) | 1330-20-7 | 1.50 | ND |
| STYRENE | 100-42-5 | 1.50 | ND |
| BROMOFORM | 75-25-2 | 1.50 | ND |
| ISOPROPYLBENZENE | 98-82-8 | 1.50 | ND |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 1.50 | ND |
| BROMOBENZENE | 108-86-1 | 1.50 | ND |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 1.50 | ND |
| N-PROPYLBENZENE | 103-65-1 | 1.50 | ND |
| 2-CHLOROTOLUENE | 95-49-8 | 1.50 | ND |

K PRIME, INC.
LABORATORY BATCH QC REPORT

METHOD BLANK ID: B081017S1
BATCH NO: 081017S1
DATE ANALYZED: 08/10/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-----------------------------|----------|--------------------|----------------|
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 1.50 | ND |
| 4-CHLOROTOLUENE | 106-43-4 | 1.50 | ND |
| TERT-BUTYLBENZENE | 98-06-6 | 1.50 | ND |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 1.50 | ND |
| SEC-BUTYLBENZENE | 135-98-8 | 1.50 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 1.50 | ND |
| 4-ISOPROPYLTOLUENE | 99-87-6 | 1.50 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 1.50 | ND |
| N-BUTYLBENZENE | 104-51-8 | 1.50 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 1.50 | ND |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 1.50 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 3.00 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 3.00 | ND |
| NAPHTHALENE | 91-20-3 | 3.00 | ND |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 3.00 | ND |

| SURROGATE RECOVERY | % |
|----------------------|-----|
| DIBROMOFLUOROMETHANE | 124 |
| TOLUENE-D8 | 109 |
| 4-BROMOFLUOROBENZENE | 87 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: B081017S1
SPIKE ID: L081017S1
DUPLICATE ID: D081017S1
BATCH NO: 081017S1
DATE ANALYZED: 08/10/2017
SAMPLE TYPE: SOIL
UNITS: µg/Kg

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8280

ACCURACY (MATRIX SPIKE)

| COMPOUND NAME | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|--------------------|----------------|------------------|-----------------|-----------------|---------------|
| 1,1 DICHLOROETHENE | 30.0 | ND | 20.1 | 67 | 60-140 |
| BENZENE | 30.0 | ND | 25.6 | 85 | 60-140 |
| TRICHLOROETHENE | 30.0 | ND | 25.9 | 86 | 60-140 |
| TOLUENE | 30.0 | ND | 25.1 | 84 | 60-140 |
| CHLOROBENZENE | 30.0 | ND | 24.8 | 83 | 60-140 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|--------------------|--------------------|-----------------|---------------------|------------|---------------|
| 1,1 DICHLOROETHENE | 1.50 | 20.1 | 21.6 | 7.0 | ±20 |
| BENZENE | 1.50 | 25.6 | 26.8 | 4.5 | ±20 |
| TRICHLOROETHENE | 1.50 | 25.9 | 26.7 | 3.0 | ±20 |
| TOLUENE | 1.50 | 25.1 | 25.7 | 2.4 | ±20 |
| CHLOROBENZENE | 1.50 | 24.8 | 25.2 | 1.5 | ±20 |

NOTES:

ND NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

BATCH ID: 080917S1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/09/2017

METHOD: DRO
REFERENCE: EPA 8015B

SAMPLE TYPE: SOIL
UNITS: mg/Kg

METHOD BLANK ID: B080917S1

| COMPOUND NAME | REPORTING LIMIT | SAMPLE CONC |
|---------------|--------------------|----------------|
| DRO | 10.0 | ND |

SAMPLE ID: L080917S1
DUPLICATE ID: D080917S1

ACCURACY (MATRIX SPIKE)

| PARAMETER | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|-----------|----------------|------------------|-----------------|-----------------|---------------|
| DRO | 500 | ND | 482 | 96 | 60-140 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|---------------|--------------------|-----------------|---------------------|------------|---------------|
| DRO | 10.0 | 482 | 484 | 0.4 | ±20 |

NOTES:

DRO - DIESEL RANGE ORGANICS (C12-C34)
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

METHOD BLANK ID: B080217S1
 BATCH #: 080217S1
 DATE EXTRACTED: 08/02/2017
 DATE ANALYZED: 08/02/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
 REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
 UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-------------------------------|-----------|-----------------|-------------|
| ACENAPHTHENE | 83-32-9 | 330 | ND |
| ACENAPHTHYLENE | 208-96-8 | 330 | ND |
| ANTHRACENE | 120-12-7 | 330 | ND |
| BENZO (A) ANTHRACENE | 56-55-3 | 330 | ND |
| BENZO (B) FLUORANTHENE | 205-99-2 | 330 | ND |
| BENZO (K) FLUORANTHENE | 207-08-9 | 330 | ND |
| BENZO (A) PYRENE | 50-32-8 | 330 | ND |
| BENZO (G,H,I) PERYLENE | 191-24-2 | 330 | ND |
| BENZYL ALCOHOL | 100-51-6 | 330 | ND |
| BUTYL BENZYL PHTHALATE | 85-68-7 | 330 | ND |
| BIS (2-CHLOROETHYL) ETHER | 111-44-4 | 330 | ND |
| BIS (2-CHLOROETHOXY) METHANE | 111-91-1 | 330 | ND |
| BIS (2-CHLOROISOPROPYL) ETHER | 108-60-1 | 330 | ND |
| BIS (2-ETHYLHEXYL) PHTHALATE | 117-81-7 | 330 | ND |
| 4-BROMOPHENYL PHENYL ETHER | 101-55-3 | 330 | ND |
| 4-CHLOROANILINE | 106-47-8 | 330 | ND |
| 2-CHLORONAPHTHALENE | 91-58-7 | 330 | ND |
| 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 330 | ND |
| CHRYSENE | 218-01-9 | 330 | ND |
| DIBENZO (A,H) ANTHRACENE | 53-70-3 | 330 | ND |
| DIBENZOFURAN | 132-64-9 | 330 | ND |
| DI-N-BUTYLPHTHALATE | 84-74-2 | 330 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 330 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 330 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 330 | ND |
| 3,3'-DICHLOROBENZIDINE | 91-94-1 | 660 | ND |
| DIETHYLPHTHALATE | 84-66-2 | 330 | ND |
| DIMETHYL PHTHALATE | 131-11-3 | 330 | ND |
| 2,4-DINITROTOLUENE | 121-14-2 | 330 | ND |
| 2,6-DINITROTOLUENE | 606-20-2 | 330 | ND |
| DI-N-OCTYL PHTHALATE | 117-84-0 | 330 | ND |
| DIPHENYLAMINE | 122-39-4 | 330 | ND |
| FLUORANTHENE | 206-44-0 | 330 | ND |
| FLUORENE | 86-73-7 | 330 | ND |
| HEXACHLOROBENZENE | 118-74-1 | 330 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 330 | ND |
| HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 330 | ND |
| HEXACHLOROETHANE | 67-72-1 | 330 | ND |
| INDENO (1,2,3-CD) PYRENE | 193-39-5 | 330 | ND |
| ISOPHORONE | 78-59-1 | 330 | ND |

K PRIME, INC.
LABORATORY QC REPORT

METHOD BLANK ID: B080217S1
 BATCH #: 080217S1
 DATE EXTRACTED: 08/02/2017
 DATE ANALYZED: 08/02/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
 REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
 UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|----------------------------|----------|--------------------|----------------|
| 2-METHYLNAPHTHALENE | 91-57-6 | 330 | ND |
| NAPHTHALENE | 91-20-3 | 330 | ND |
| 2-NITROANILINE | 88-74-4 | 1600 | ND |
| 3-NITROANILINE | 99-09-2 | 1600 | ND |
| 4-NITROANILINE | 100-01-6 | 1600 | ND |
| NITROBENZENE | 98-95-3 | 330 | ND |
| N-NITROSO-DI-N-PROPYLAMINE | 621-64-7 | 330 | ND |
| PHENANTHRENE | 85-01-8 | 330 | ND |
| PYRENE | 129-00-0 | 330 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 330 | ND |

ACID EXTRACTABLES

| | | | |
|----------------------------|----------|------|----|
| 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 660 | ND |
| 2-CHLOROPHENOL | 95-57-8 | 660 | ND |
| 2,4-DICHLOROPHENOL | 120-83-2 | 660 | ND |
| 2,4-DIMETHYLPHENOL | 105-67-9 | 660 | ND |
| 2,4-DINITROPHENOL | 51-28-5 | 1600 | ND |
| 4,6-DINITRO-2-METHYLPHENOL | 534-52-1 | 1600 | ND |
| 2-NITROPHENOL | 88-75-5 | 1600 | ND |
| 4-NITROPHENOL | 100-02-7 | 1600 | ND |
| PENTACHLOROPHENOL | 87-86-5 | 1600 | ND |
| PHENOL | 108-95-2 | 660 | ND |
| 2-METHYLPHENOL | 95-48-7 | 660 | ND |
| 4-METHYLPHENOL | 106-44-5 | 660 | ND |
| 2,4,5-TRICHLOROPHENOL | 95-95-4 | 1600 | ND |
| 2,4,6-TRICHLOROPHENOL | 88-06-2 | 1600 | ND |

SURROGATE RECOVERY

| | % |
|----------------------|-----|
| NITROBENZENE-D5 | 89 |
| 2-FLUOROBIPHENYL | 77 |
| P-TERPHENYL-D14 | 88 |
| PHENOL-D6 | 102 |
| 2-FLUOROPHENOL | 109 |
| 2,4,6-TRIBROMOPHENOL | 75 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT APPLICABLE OR AVAILABLE

SAMPLE ID: L080217S1
 DUPLICATE ID: D080217S1
 BATCH #: 080217S1
 DATE EXTRACTED: 08/02/2017
 DATE ANALYZED: 08/02/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
 REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
 UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

| PARAMETER | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|-------------------------|----------------|------------------|-----------------|-----------------|---------------|
| ACENAPHTHENE | 5000 | ND | 3920 | 78 | 20-140 |
| 1,4-DICHLOROBENZENE | 5000 | ND | 4280 | 86 | 10-140 |
| 2,4-DINITROTOLUENE | 5000 | ND | 3750 | 75 | 20-120 |
| PYRENE | 5000 | ND | 4640 | 93 | 30-160 |
| 1,2,4-TRICHLOROBENZENE | 5000 | ND | 4100 | 82 | 20-140 |
| 4-CHLORO-3-METHYLPHENOL | 10000 | ND | 9440 | 94 | 20-140 |
| 2-CHLOROPHENOL | 10000 | ND | 8560 | 86 | 20-140 |
| 4-NITROPHENOL | 10000 | ND | 6600 | 66 | D-130 |
| PENTACHLOROPHENOL | 10000 | ND | 8140 | 81 | D-130 |
| PHENOL | 10000 | ND | 9090 | 91 | D-150 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|-------------------------|--------------------|-----------------|---------------------|------------|---------------|
| ACENAPHTHENE | 330 | 3920 | 4380 | 11.1 | ±20 |
| 1,4-DICHLOROBENZENE | 330 | 4280 | 4570 | 6.6 | ±20 |
| 2,4-DINITROTOLUENE | 330 | 3750 | 4150 | 10.1 | ±20 |
| PYRENE | 330 | 4640 | 5140 | 10.2 | ±20 |
| 1,2,4-TRICHLOROBENZENE | 330 | 4100 | 4560 | 10.6 | ±20 |
| 4-CHLORO-3-METHYLPHENOL | 330 | 9440 | 9110 | 3.6 | ±20 |
| 2-CHLOROPHENOL | 660 | 8560 | 8710 | 1.7 | ±20 |
| 4-NITROPHENOL | 1600 | 6600 | 6900 | 4.4 | ±20 |
| PENTACHLOROPHENOL | 1600 | 8140 | 8710 | 6.8 | ±20 |
| PHENOL | 660 | 9090 | 9210 | 1.3 | ±20 |

NOTES:

ND = NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 D = DETECTED

METHOD BLANK ID: B080217S1

BATCH NO: 080217S1

DATE EXTRACTED: 08/02/2017

DATE ANALYZED: 08/03/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------|------------|--------------------|----------------|
| ALPHA-BHC | 319-84-6 | 2.00 | ND |
| BETA-BHC | 319-85-7 | 2.00 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 2.00 | ND |
| HEPTACHLOR | 76-44-8 | 2.00 | ND |
| DELTA-BHC | 319-86-8 | 2.00 | ND |
| ALDRIN | 309-00-2 | 2.00 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 2.00 | ND |
| ENDOSULFAN I | 959-98-8 | 2.00 | ND |
| 4,4'-DDE | 72-55-9 | 2.00 | ND |
| DIELDRIN | 60-57-1 | 2.00 | ND |
| ENDRIN | 72-20-8 | 2.00 | ND |
| 4,4'-DDD | 72-54-8 | 2.00 | ND |
| ENDOSULFAN II | 33213-65-9 | 2.00 | ND |
| 4,4'-DDT | 50-29-3 | 2.00 | ND |
| ENDRIN ALDEHYDE | 7421-93-4 | 2.00 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 2.00 | ND |
| METHOXYCHLOR | 72-43-5 | 2.00 | ND |
| CHLORDANE | 57-74-9 | 2.00 | ND |
| TOXAPHENE | 8001-35-2 | 12.5 | ND |

| SURROGATE RECOVERY | % |
|--------------------|----|
| TCMX | 77 |
| DCBP | 77 |

NOTES:

ND - NOT DETECTED ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: B080217S1
SPIKE ID: L080217S1
DUPLICATE ID: D080217S1
BATCH NO: 080217S1
DATE EXTRACTED: 08/02/2017
DATE ANALYZED: 08/03/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

| COMPOUND NAME | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|---------------------|----------------|------------------|-----------------|-----------------|---------------|
| GAMMA-BHC (LINDANE) | 125 | ND | 103 | 83 | 50-150 |
| HEPTACHLOR | 125 | ND | 99.9 | 80 | 50-150 |
| ALDRIN | 125 | ND | 103 | 82 | 50-150 |
| DIELDRIN | 125 | ND | 102 | 81 | 50-150 |
| ENDRIN | 125 | ND | 99.3 | 79 | 50-150 |
| DDT | 125 | ND | 115 | 92 | 50-150 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|---------------------|--------------------|-----------------|---------------------|------------|---------------|
| GAMMA-BHC (LINDANE) | 2.00 | 103 | 112 | 7.9 | ±40 |
| HEPTACHLOR | 2.00 | 99.9 | 112 | 11.3 | ±40 |
| ALDRIN | 2.00 | 103 | 114 | 10.6 | ±40 |
| DIELDRIN | 2.00 | 102 | 114 | 11.4 | ±40 |
| ENDRIN | 2.00 | 99.3 | 114 | 13.9 | ±40 |
| DDT | 2.00 | 115 | 138 | 18.6 | ±40 |

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

METHOD BLANK ID: B073117S1
BATCH NO: 073117S1
DATE EXTRACTED: 07/31/2017
DATE ANALYZED: 07/31/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------|------------|--------------------|----------------|
| AROCLOR 1016 | 12674-11-2 | 25.0 | ND |
| AROCLOR 1221 | 11104-28-2 | 25.0 | ND |
| AROCLOR 1232 | 11141-16-5 | 25.0 | ND |
| AROCLOR 1242 | 53469-21-9 | 25.0 | ND |
| AROCLOR 1248 | 12672-29-8 | 25.0 | ND |
| AROCLOR 1254 | 11087-69-1 | 25.0 | ND |
| AROCLOR 1260 | 11096-82-5 | 25.0 | ND |

| SURROGATE RECOVERY | % |
|--------------------|----|
| TCMX | 90 |
| DCBP | 72 |

NOTES:

ND - NOT DETECTED ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: B073117S1
SPIKE ID: L073117S1
DUPLICATE ID: D073117S1
BATCH NO: 073117S1
DATE EXTRACTED: 07/31/2017
DATE ANALYZED: 07/31/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

| COMPOUND NAME | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|---------------|----------------|------------------|-----------------|-----------------|---------------|
| AROCLOR 1260 | 625 | ND | 487 | 78 | 60-140 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|---------------|--------------------|-----------------|---------------------|------------|---------------|
| AROCLOR 1260 | 25.0 | 487 | 456 | 6.4 | ±20 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

METHOD BLANK ID: B081017S1
BATCH NO: 081017S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------|------------|--------------------|----------------|
| AROCLOR 1016 | 12674-11-2 | 25.0 | ND |
| AROCLOR 1221 | 11104-28-2 | 25.0 | ND |
| AROCLOR 1232 | 11141-18-5 | 25.0 | ND |
| AROCLOR 1242 | 53469-21-9 | 25.0 | ND |
| AROCLOR 1248 | 12672-29-8 | 25.0 | ND |
| AROCLOR 1254 | 11097-69-1 | 25.0 | ND |
| AROCLOR 1260 | 11098-82-5 | 25.0 | ND |

| SURROGATE RECOVERY | % |
|--------------------|-----|
| TCMX | 139 |
| DCBP | 132 |

NOTES:

ND - NOT DETECTED ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

SAMPLE ID: B081017S1
SPIKE ID: L081017S1
DUPLICATE ID: D081017S1
BATCH NO: 081017S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

| COMPOUND NAME | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|---------------|----------------|------------------|-----------------|-----------------|---------------|
| AROCLOR 1260 | 625 | ND | 587 | 94 | 60-140 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|---------------|--------------------|-----------------|---------------------|------------|---------------|
| AROCLOR 1260 | 25.0 | 587 | 597 | 1.7 | ±20 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: 157265
SPIKE ID: MS-157265
DUPLICATE ID: MSD-157265
BATCH NO: 081017S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

| COMPOUND NAME | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|---------------|----------------|------------------|-----------------|-----------------|---------------|
| AROCLOR 1260 | 625 | ND | 580 | 93 | 60-140 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|---------------|--------------------|-----------------|---------------------|------------|---------------|
| AROCLOR 1260 | 25.0 | 580 | 597 | 2.9 | ±20 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: L080917S1
DUPLICATE ID: D080917S1
METHOD BLANK ID: B080917S1
BATCH #: 080917S1
DATE ANALYZED: 08/10/2017

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT | | MB mg/kg | SA mg/kg | SR mg/kg | SP mg/kg | SPD mg/kg | SP %R | RPD % |
|------------|----|-------------|-------------|-------------|-------------|--------------|----------|----------|
| ANTIMONY | Sb | <2.50 | 25.0 | 0.0 | 24.2 | 24.3 | 97 | 0.5 |
| ARSENIC | As | <2.50 | 25.0 | 0.0 | 22.6 | 22.6 | 90 | 0.0 |
| BARIUM | Ba | <2.50 | 25.0 | 0.0 | 24.3 | 24.3 | 97 | 0.2 |
| BERYLLIUM | Be | <2.50 | 25.0 | 0.0 | 21.0 | 20.7 | 84 | 1.2 |
| CADMIUM | Cd | <2.50 | 25.0 | 0.0 | 23.9 | 24.1 | 96 | 0.7 |
| CHROMIUM | Cr | <2.50 | 25.0 | 0.0 | 23.2 | 23.0 | 93 | 0.7 |
| COBALT | Co | <2.50 | 25.0 | 0.0 | 22.5 | 22.4 | 90 | 0.5 |
| COPPER | Cu | <2.50 | 25.0 | 0.0 | 22.6 | 22.8 | 91 | 0.8 |
| LEAD | Pb | <2.50 | 25.0 | 0.0 | 25.5 | 25.9 | 102 | 1.6 |
| MERCURY | Hg | <0.100 | 1.00 | 0.0 | 0.982 | 0.985 | 98 | 0.3 |
| MOLYBDENUM | Mo | <2.50 | 25.0 | 0.0 | 24.0 | 23.9 | 98 | 0.4 |
| NICKEL | Ni | <2.50 | 25.0 | 0.0 | 23.0 | 23.0 | 92 | 0.1 |
| SELENIUM | Se | <2.50 | 25.0 | 0.0 | 22.6 | 22.4 | 90 | 0.6 |
| SILVER | Ag | <2.50 | 12.5 | 0.0 | 11.6 | 11.9 | 93 | 2.6 |
| THALLIUM | Tl | <2.50 | 25.0 | 0.0 | 25.2 | 25.7 | 101 | 2.2 |
| VANADIUM | V | <2.50 | 25.0 | 0.0 | 22.8 | 22.9 | 91 | 0.0 |
| ZINC | Zn | <2.50 | 25.0 | 0.0 | 22.9 | 22.0 | 92 | 3.9 |

NOTES:

ND: NOT DETECTED
 MB: METHOD BLANK
 SA: SPIKE ADDED
 SR: SAMPLE RESULT
 SP: SPIKE RESULT
 SPD: SPIKE DUPLICATE RESULT
 SP(%R): SPIKE % RECOVERY
 RPD: RELATIVE PERCENT DIFFERENCE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: L081017S1
DUPLICATE ID: D081017S1
METHOD BLANK ID: B081017S1
BATCH #: 081017S1
DATE ANALYZED: 08/11/2017

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT | | MB mg/kg | SA mg/kg | SR mg/kg | SP mg/kg | SPD mg/kg | SP %R | RPD % |
|----------------|----|--------------------|--------------------|--------------------|--------------------|---------------------|-----------------|-----------------|
| ARSENIC | As | <2.50 | 25.0 | 0.0 | 24.8 | 24.7 | 99 | 0.4 |
| LEAD | Pb | <2.50 | 25.0 | 0.0 | 25.8 | 25.8 | 103 | 0.1 |

NOTES:

ND: NOT DETECTED
MB: METHOD BLANK
SA: SPIKE ADDED
SR: SAMPLE RESULT
SP: SPIKE RESULT
SPD: SPIKE DUPLICATE RESULT
SP(%R): SPIKE % RECOVERY
RPD: RELATIVE PERCENT DIFFERENCE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: MS157268
DUPLICATE ID: SD157268
METHOD BLANK ID: B081017S1
BATCH #: 081017S1
DATE ANALYZED: 08/11/2017

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT | | MB mg/kg | SA mg/kg | SR mg/kg | SP mg/kg | SPD mg/kg | SP %R | RPD % |
|----------------|----|--------------------|--------------------|--------------------|--------------------|---------------------|-----------------|-----------------|
| ARSENIC | As | <2.50 | 25.0 | 8.75 | 31.2 | 30.9 | 90 | 0.9 |
| LEAD | Pb | <2.50 | 25.0 | 727 | 650 | 655 | NC | 0.8 |

NOTES:

ND: NOT DETECTED
MB: METHOD BLANK
SA: SPIKE ADDED
SR: SAMPLE RESULT
SP: SPIKE RESULT
SPD: SPIKE DUPLICATE RESULT
SP(%R): SPIKE % RECOVERY
RPD: RELATIVE PERCENT DIFFERENCE
NC: NOT CALCULATED DUE TO RELATIVE CONCENTRATIONS

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID:
DUPLICATE ID:
METHOD BLANK ID:
BATCH #:
DATE ANALYZED:

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 200.8

SAMPLE TYPE: WATER
UNITS: ug/L

| ELEMENT | | MB ug/L | SA ug/L | SR ug/L | SP ug/L | SPD ug/L | SP %R | RPD % |
|----------------|----|-------------------|-------------------|-------------------|-------------------|--------------------|-----------------|-----------------|
| ARSENIC | As | <1.00 | 125 | 0.0 | 116 | 117 | 93 | 1.2 |
| LEAD | Pb | <1.00 | 125 | 0.0 | 129 | 129 | 103 | 0.5 |

NOTES:

ND: NOT DETECTED
MB: METHOD BLANK
SA: SPIKE ADDED
SR: SAMPLE RESULT
SP: SPIKE RESULT
SPD: SPIKE DUPLICATE RESULT
SP(%R): SPIKE % RECOVERY
RPD: RELATIVE PERCENT DIFFERENCE

K PRIME, INC.

CHAIN OF CUSTODY RECORD

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd., Santa Rosa, CA 95403

PHONE: (707) 527-7574

FAX: (707) 527-7879

| Client/Project ID | Address/Phone | | KPI Project No. | | | | | |
|------------------------------|-----------------------------------|--------------------|--------------------------|----------------|-------------------|---|--------------------------|---|
| | Project Location | Client Project No. | EDF | Log Code: | | | | |
| EBA Engineering | 825 So. 10th Ave., Santa Rosa, CA | 17-2382 | <input type="checkbox"/> | no EDF | | | | |
| Sonoma Developmental Center | 707-544-0784 | | | | | | | |
| Contact | Sampler (Signature) | | | | | | | |
| M. Earnshaw | M. Kuzel | | | | | | | |
| Sample Identification No. | Date | Time | Lab Sample No. | Type of Sample | No. of Containers | ANALYSES | Expected Turnaround Time | Remarks |
| S-SB-39-6" | 8/9/17 | 9:30 | 157262 | Soil | 1 | Geo, DRO/HRO (report sep), VOC (8260/505), PCB, T.H.C.2,2(CM13)mda, Pb, OCP, As | 5-Day | S-Camp-C = Camp at SB-1 thru SB-4 (OCP) |
| S-SB-40-6" | 8/9/17 | 9:40 | 157263 | Soil | 1 | X | | |
| S-SB-41-6" | 8/9/17 | 9:47 | 157264 | Soil | 1 | X | | |
| S-SB-42-6" | 8/9/17 | 10:00 | 157265 | Soil | 1 | X | | |
| S-SB-37-6" | 8/9/17 | 10:15 | 157266 | Soil | 1 | X | | |
| S-SB-38-6" | 8/9/17 | 10:35 | 157267 | Soil | 1 | X | | |
| S-SB-1-6" | 8/9/17 | 11:55 | 157268 | Soil | 1 | X | | |
| S-SB-2-6" | 8/9/17 | 11:43 | 157269 | Soil | 1 | X | | |
| S-SB-3-6" | 8/9/17 | 11:33 | 157270 | Soil | 1 | X | | |
| S-SB-4-6" | 8/9/17 | 11:50 | 157271 | Soil | 1 | X | | |
| Equipment Blank-2 | 8/9/17 | 11:25 | 157272 | Water | 2 | X | | |
| Relinquished by: (Signature) | | | | | | | | |
| Relinquished by: (Signature) | | | | | | | | |
| Relinquished by: (Signature) | | | | | | | | |
| Disposal Method | | | | | | | | |
| Disposed by: (Signature) | | | | | | | | |
| Received by: (Signature) | | | | | | | | |
| Received by: (Signature) | | | | | | | | |
| Received by: (Signature) | | | | | | | | |
| Date | | | | | | | | |
| Time | | | | | | | | |
| Date | | | | | | | | |
| Time | | | | | | | | |
| Date | | | | | | | | |
| Time | | | | | | | | |

White Copy : Accompanies Samples
Yellow Copy : Sampler

K PRIME, INC.

CONSULTING ANALYTICAL CHEMISTS

3821 Westwind Blvd., Santa Rosa, CA 95403

CHAIN OF CUSTODY RECORD

PHONE: (707) 527-7574

FAX: (707) 527-7878

| Client/Project ID EDA Engineering | | Address/Phone Santa Rosa, CA (707) 544-0784 | | KPI Project No. 9986 | | | |
|---|---------------|---|----------------|--|-------------------|--------------------------|------------------------|
| Project Location Sonoma Developmental | | Client Project No. 17-2382 | | ANALYSES | | | |
| Contact M. Ernshej/M. Krusic | | Sampler (Signature) | | <input type="checkbox"/> EDF Log Code: no EDF Global ID | | | |
| Sample Identification No. | Date | Time | Lab Sample No. | Type of Sample | No. of Containers | Expected Turnaround Time | Remarks |
| S-Comp-C | 8/9/17 | | 157284 | Soil | | 5 day | Comp: 157268-71 |
| Relinquished by: (Signature) | | Lab Composite | | Received by: (Signature) | | Date | Time |
| | | | | [Signature] | | 8/9/17 | 1718 |
| Relinquished by: (Signature) | | | | Received by: (Signature) | | Date | Time |
| | | | | [Signature] | | | |
| Relinquished by: (Signature) | | | | Received by: (Signature) | | Date | Time |
| | | | | [Signature] | | | |
| Disposal Method | | | | | | Date | Time |
| | | | | | | | |
| Disposed by: (Signature) | | | | | | Date | Time |
| | | | | | | | |

White Copy : Accompanies Samples
Yellow Copy : Sampler

K PRIME, Inc.

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd.
Santa Rosa CA 95403
Phone: 707 527 7574
FAX: 707 527 7879

TRANSMITTAL

DATE: 8/15/2017

TO: MR. MATT EARNSHAW
MR. MAX KRUZIC
EBA ENGINEERING
825 SONOMA AVENUE
SANTA ROSA, CA 95404

ACCT: 9986
PROJ: 17-2382

Phone: 707-544-0784
Fax: 707-544-0866
Email: dataeba1@ebagroup.com

FROM: Richard A. Kage1, Ph.D.
Laboratory Director

*RAK mck
8/15/2017*

SUBJECT: LABORATORY RESULTS FOR YOUR PROJECT 17-2382

Enclosed please find K Prime's laboratory reports for the following samples:

| SAMPLE ID | TYPE | DATE | TIME | KPI LAB # |
|-------------------|------|----------|-------|-----------|
| S-SB-5-6" | SOIL | 8/9/2017 | 12:22 | 157273 |
| S-SB-6-6" | SOIL | 8/9/2017 | 12:21 | 157274 |
| S-SB-7-6" | SOIL | 8/9/2017 | 12:35 | 157275 |
| S-SB-8-6" | SOIL | 8/9/2017 | 12:30 | 157276 |
| S-SB-17-6" | SOIL | 8/9/2017 | 13:55 | 157277 |
| S-SB-18-6" | SOIL | 8/9/2017 | 13:52 | 157278 |
| S-SB-19-6" | SOIL | 8/9/2017 | 14:15 | 157279 |
| S-SB-20-6" | SOIL | 8/9/2017 | 14:00 | 157280 |
| BLIND DUPLICATE-2 | SOIL | 8/9/2017 | NA | 157281 |
| S-COMP-D | SOIL | 8/9/2017 | NA | 157282 |
| S-COMP-E | SOIL | 8/9/2017 | NA | 157283 |

The above listed sample group was received on 8/9/2017 and tested as requested on the chain of custody document.

Please call me if you have any questions or need further information.
Thank you for this opportunity to be of service.

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-COMP-D
LAB NO: 157282
DATE SAMPLED: 08/09/2017
TIME SAMPLED: NA
BATCH NO: 080217S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/14/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------|------------|-----------------|-------------|
| ALPHA-BHC | 319-84-6 | 2.00 | ND |
| BETA-BHC | 319-85-7 | 2.00 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 2.00 | ND |
| HEPTACHLOR | 76-44-8 | 2.00 | ND |
| DELTA-BHC | 319-86-8 | 2.00 | ND |
| ALDRIN | 309-00-2 | 2.00 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 2.00 | ND |
| ENDOSULFAN I | 959-98-8 | 2.00 | ND |
| 4,4'-DDE | 72-55-9 | 2.00 | ND |
| DIELDRIN | 60-57-1 | 2.00 | ND |
| ENDRIN | 72-20-8 | 2.00 | ND |
| 4,4'-DDD | 72-54-8 | 2.00 | ND |
| ENDOSULFAN II | 33213-65-9 | 2.00 | ND |
| 4,4'-DDT | 50-29-3 | 2.00 | ND |
| ENDRIN ALDEHYDE | 7421-93-4 | 2.00 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 2.00 | ND |
| METHOXYCHLOR | 72-43-5 | 2.00 | ND |
| CHLORDANE | 57-74-9 | 2.00 | 3.81 |
| TOXAPHENE | 8001-35-2 | 12.5 | ND |

| SURROGATE RECOVERY | % |
|--------------------|----|
| TCMX | 90 |
| DCBP | 85 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: 

DATE: 08/15/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-COMP-E
LAB NO: 157283
DATE SAMPLED: 08/09/2017
TIME SAMPLED: NA
BATCH NO: 080217S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------|------------|-----------------|-------------|
| ALPHA-BHC | 319-84-6 | 2.00 | ND |
| BETA-BHC | 319-85-7 | 2.00 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 2.00 | ND |
| HEPTACHLOR | 76-44-8 | 2.00 | ND |
| DELTA-BHC | 319-86-8 | 2.00 | ND |
| ALDRIN | 309-00-2 | 2.00 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 2.00 | 2.67 |
| ENDOSULFAN I | 959-98-8 | 2.00 | ND |
| 4,4'-DDE | 72-55-9 | 2.00 | 40.0 |
| DIELDRIN | 60-57-1 | 2.00 | ND |
| ENDRIN | 72-20-8 | 2.00 | ND |
| 4,4'-DDD | 72-54-8 | 2.00 | 20.9 |
| ENDOSULFAN II | 33213-85-9 | 2.00 | ND |
| 4,4'-DDT | 50-29-3 | 2.00 | 52.4 |
| ENDRIN ALDEHYDE | 7421-93-4 | 2.00 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 2.00 | ND |
| METHOXYCHLOR | 72-43-5 | 2.00 | ND |
| CHLORDANE | 57-74-9 | 2.00 | 255 |
| TOXAPHENE | 8001-35-2 | 12.5 | ND |

| SURROGATE RECOVERY | % |
|--------------------|----|
| TCMX | 91 |
| DCBP | 86 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: lev
DATE: 08/15/17

K PRIME, INC.
LABORATORY REPORT

METHOD: TOTAL ARSENIC
REFERENCE: EPA 3050B/6020A

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE TYPE: SOIL
UNITS: mg/kg

| SAMPLE ID | LAB ID | BATCH # | DATE SAMPLED | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|-------------------|--------|----------|--------------|---------------|-----------------|-------------|
| S-SB-5-6" | 157273 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 4.34 |
| S-SB-6-6" | 157274 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 3.68 |
| S-SB-7-6" | 157275 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 3.54 |
| S-SB-8-6" | 157276 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 3.58 |
| S-SB-17-6" | 157277 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 5.90 |
| S-SB-18-6" | 157278 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 11.4 |
| S-SB-19-6" | 157279 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 18.8 |
| S-SB-20-6" | 157280 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 8.86 |
| BLIND DUPLICATE-2 | 157281 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 18.5 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: *llv*

DATE: 08/15/17

K PRIME, INC.
LABORATORY REPORT

METHOD: TOTAL LEAD
REFERENCE: EPA 3050B/6020A

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE TYPE: SOIL
UNITS: mg/kg

| SAMPLE ID | LAB ID | BATCH # | DATE SAMPLED | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|-------------------|--------|----------|--------------|---------------|-----------------|-------------|
| S-SB-5-6" | 157273 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 21.3 |
| S-SB-6-6" | 157274 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 38.6 |
| S-SB-7-6" | 157275 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 39.6 |
| S-SB-8-6" | 157276 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 39.4 |
| S-SB-17-6" | 157277 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 126 |
| S-SB-18-6" | 157278 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 516 |
| S-SB-19-6" | 157279 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 861 |
| S-SB-20-6" | 157280 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 2320 |
| BLIND DUPLICATE-2 | 157281 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 827 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: 

DATE: 08/15/17

K PRIME, INC.
LABORATORY BATCH QC REPORT

METHOD BLANK ID: B080217S1
BATCH NO: 080217S1
DATE EXTRACTED: 08/02/2017
DATE ANALYZED: 08/03/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------|------------|-----------------|-------------|
| ALPHA-BHC | 319-84-6 | 2.00 | ND |
| BETA-BHC | 319-85-7 | 2.00 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 2.00 | ND |
| HEPTACHLOR | 76-44-8 | 2.00 | ND |
| DELTA-BHC | 319-86-8 | 2.00 | ND |
| ALDRIN | 309-00-2 | 2.00 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 2.00 | ND |
| ENDOSULFAN I | 959-98-8 | 2.00 | ND |
| 4,4'-DDE | 72-55-9 | 2.00 | ND |
| DIELDRIN | 60-57-1 | 2.00 | ND |
| ENDRIN | 72-20-8 | 2.00 | ND |
| 4,4'-DDD | 72-54-8 | 2.00 | ND |
| ENDOSULFAN II | 33213-65-9 | 2.00 | ND |
| 4,4'-DDT | 50-29-3 | 2.00 | ND |
| ENDRIN ALDEHYDE | 7421-93-4 | 2.00 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 2.00 | ND |
| METHOXYCHLOR | 72-43-5 | 2.00 | ND |
| CHLORDANE | 57-74-9 | 2.00 | ND |
| TOXAPHENE | 8001-35-2 | 12.5 | ND |

| SURROGATE RECOVERY | % |
|--------------------|----|
| TCMX | 77 |
| DCBP | 77 |

NOTES:

ND - NOT DETECTED ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: B080217S1
SPIKE ID: L080217S1
DUPLICATE ID: D080217S1
BATCH NO: 080217S1
DATE EXTRACTED: 08/02/2017
DATE ANALYZED: 08/03/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

| COMPOUND NAME | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|---------------------|----------------|------------------|-----------------|-----------------|---------------|
| GAMMA-BHC (LINDANE) | 125 | ND | 103 | 83 | 50-150 |
| HEPTACHLOR | 125 | ND | 99.9 | 80 | 50-150 |
| ALDRIN | 125 | ND | 103 | 82 | 50-150 |
| DIELDRIN | 125 | ND | 102 | 81 | 50-150 |
| ENDRIN | 125 | ND | 99.3 | 79 | 50-150 |
| DDT | 125 | ND | 115 | 92 | 50-150 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|---------------------|--------------------|-----------------|---------------------|------------|---------------|
| GAMMA-BHC (LINDANE) | 2.00 | 103 | 112 | 7.9 | ±40 |
| HEPTACHLOR | 2.00 | 99.9 | 112 | 11.3 | ±40 |
| ALDRIN | 2.00 | 103 | 114 | 10.6 | ±40 |
| DIELDRIN | 2.00 | 102 | 114 | 11.4 | ±40 |
| ENDRIN | 2.00 | 99.3 | 114 | 13.9 | ±40 |
| DDT | 2.00 | 115 | 138 | 18.6 | ±40 |

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: L081017S1
DUPLICATE ID: D081017S1
METHOD BLANK ID: B081017S1
BATCH #: 081017S1
DATE ANALYZED: 08/11/2017

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT | | MB mg/kg | SA mg/kg | SR mg/kg | SP mg/kg | SPD mg/kg | SP %R | RPD % |
|---------|----|-------------|-------------|-------------|-------------|--------------|----------|----------|
| ARSENIC | As | <2.50 | 25.0 | 0.0 | 24.8 | 24.7 | 99 | 0.4 |
| LEAD | Pb | <2.50 | 25.0 | 0.0 | 25.8 | 25.8 | 103 | 0.1 |

NOTES:

ND: NOT DETECTED

MB: METHOD BLANK

SA: SPIKE ADDED

SR: SAMPLE RESULT

SP: SPIKE RESULT

SPD: SPIKE DUPLICATE RESULT

SP(%R): SPIKE % RECOVERY

RPD: RELATIVE PERCENT DIFFERENCE

K PRIME, INC.

CHAIN OF CUSTODY RECORD

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd., Santa Rosa, CA 95403

PHONE: (707) 527-7574

FAX: (707) 527-7879

| Client/Project ID | Address/Phone | | KPI Project No. | | |
|--|---|------------------------------------|--------------------------|--------------------------------------|--|
| EBA Engineering | 825 Sonoma Ave Santa Rosa, CA (707) 544-0767 | | | | |
| Project Location | Client Project No. | ANALYSES | | | |
| Sonoma Development Center | 17-2392 | | | | |
| Contact | Sampler (Signature) | Sample No. | Type of Sample | No. of Containers | |
| M. Eanshaw / M. Kuzir | <i>M. Kuzir</i> | | | | |
| Sample Identification No. | Date | Time | Expected Turnaround Time | Remarks | |
| S-SB-5-6" | 8/9/17 | 1222 | 5-Day | MS-Sample ID = Blind Duplicate-2 | |
| S-SB-6-6" | 8/9/17 | 1221 | } 5-Comp-D } 5-Comp-E | MS-Comp-D = | |
| S-SB-7-6" | 8/9/17 | 1235 | | 4:1 Lab comp | |
| S-SB-8-6" | 8/9/17 | 1330 | | of SB-5-8 (DCP's) | |
| S-SB-17-6" | 8/9/17 | 1355 | | MS-Comp-E = | |
| S-SB-18-6" | 8/9/17 | 1352 | | 4:1 Lab Comp | |
| S-SB-19-6" | 8/9/17 | 1415 | | of SB-17-7hm | |
| S-SB-20-6" | 8/9/17 | 14:00 | | SB-20 (DCP's) | |
| Blind Duplicate | 8/9/17 | --- | | | |
| Relinquished by: (Signature) <i>M. Kuzir</i> | | Received by: (Signature) <i>fk</i> | | Date <i>8/9</i> Time <i>16:00</i> | |
| Relinquished by: (Signature) | | Received by: (Signature) <i>fk</i> | | Date <i>8-9-17</i> Time <i>16:37</i> | |
| Relinquished by: (Signature) | | Received by: (Signature) | | Date Time | |
| Disposal Method | | | | | |
| Disposed by: (Signature) | | | Date | Time | |

White Copy : Accompanies Samples
Yellow Copy : Sampler

K PRIME, INC.

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd., Santa Rosa, CA 95403

PHONE: (707) 527-7574

FAX: (707) 527-7879

CHAIN OF CUSTODY RECORD

| Client/Project ID <i>EPA Engineering</i> | | Address/Phone <i>825 Sonoma Ave.</i> | | KPI Project No. <i>9986</i> | | | |
|--|---------------|---|----------------|--|-------------------|--------------------------|------------------------|
| Project Location <i>Santa Rosa, CA (707) 544-0784</i> | | Client Project No. <i>17-2382</i> | | ANALYSES | | | |
| Contact <i>Sonoma Development Center</i> | | Sampler (Signature) <i>M. Ernsheer M. Krueic</i> | | <input type="checkbox"/> EDF Log Code: <i>no EDF</i> Global ID | | | |
| Sample Identification No. | Date | Time | Lab Sample No. | Type of Sample | No. of Containers | Expected Turnaround Time | Remarks |
| <i>S-Comp-D</i> | <i>8/9/17</i> | | <i>157282</i> | <i>Soil</i> | <i>X</i> | <i>5 day</i> | <i>Comp: 157273-76</i> |
| <i>S-Comp-E</i> | <i>8/9/17</i> | | <i>157283</i> | <i>Soil</i> | <i>X</i> | <i>↓</i> | <i>Comp: 157277-80</i> |
| <i>OCRS</i> | | | | | | | |
| Relinquished by: (Signature) | | <i>Lab Composite</i> | | Received by: (Signature) <i>[Signature]</i> | | Date | Time |
| Relinquished by: (Signature) | | | | Received by: (Signature) | | Date | Time |
| Relinquished by: (Signature) | | | | Received by: (Signature) | | Date | Time |
| Disposal Method | | | | | | Date | Time |
| Disposed by: (Signature) | | | | | | Date | Time |

White Copy : Accompanies Samples
Yellow Copy : Sampler

K PRIME, Inc.

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd.
Santa Rosa CA 95403
Phone: 707 527 7574
FAX: 707 527 7879

TRANSMITTAL

DATE: 8/16/2017

TO: MR. MATT EARNSHAW
MR. MAX KRUZIC
EBA ENGINEERING
825 SONOMA AVENUE
SANTA ROSA, CA 95404

ACCT: 9986
PROJ: 17-2382

Phone: 707-544-0784
Fax: 707-544-0866
Email: dataeba1@ebagroup.com

FROM: Richard A. Kage1, Ph.D.
Laboratory Director

*RBK mca
8/16/2017*

SUBJECT: LABORATORY RESULTS FOR YOUR PROJECT 17-2382

Enclosed please find K Prime's laboratory reports for the following samples:

| SAMPLE ID | TYPE | DATE | TIME | KPI LAB # |
|-------------------|-------|----------|-------|-----------|
| S-SB-39-6" | SOIL | 8/9/2017 | 9:30 | 157262 |
| S-SB-40-6" | SOIL | 8/9/2017 | 9:40 | 157263 |
| S-SB-41-6" | SOIL | 8/9/2017 | 9:47 | 157264 |
| S-SB-42-6" | SOIL | 8/9/2017 | 10:00 | 157265 |
| S-SB-37-6" | SOIL | 8/9/2017 | 10:15 | 157266 |
| S-SB-38-12" | SOIL | 8/9/2017 | 10:35 | 157267 |
| S-SB-1-6" | SOIL | 8/9/2017 | 11:55 | 157268 |
| S-SB-2-6" | SOIL | 8/9/2017 | 11:43 | 157269 |
| S-SB-3-6" | SOIL | 8/9/2017 | 11:33 | 157270 |
| S-SB-4-6" | SOIL | 8/9/2017 | 11:30 | 157271 |
| EQUIPMENT BLANK-2 | WATER | 8/9/2017 | 11:25 | 157272 |
| S-COMP-C | SOIL | 8/9/2017 | NA | 157284 |

The above listed sample group was received on 8/9/2017 and tested as requested on the chain of custody document.

Please call me if you have any questions or need further information.
Thank you for this opportunity to be of service.

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

METHOD: GRO-GASOLINE RANGE ORGANICS
REFERENCE: EPA 8015B

SAMPLE TYPE: SOIL
UNITS: mg/Kg

| SAMPLE ID | LAB NO. | DATE SAMPLED | TIME SAMPLED | BATCH NO | DATE ANALYZED | MRL | SAMPLE CONC | GRO PATTERN |
|-------------|---------|-----------------|-----------------|-------------|------------------|------|----------------|----------------|
| S-SB-39-6" | 157262 | 08/09/2017 | 9:30 | 081417S1 | 08/14/2017 | 1.00 | ND | |
| S-SB-40-6" | 157263 | 08/09/2017 | 9:40 | 081417S1 | 08/14/2017 | 1.00 | ND | |
| S-SB-41-6" | 157264 | 08/09/2017 | 9:47 | 081417S1 | 08/14/2017 | 1.00 | ND | |
| S-SB-42-6" | 157265 | 08/09/2017 | 10:00 | 081417S1 | 08/14/2017 | 1.00 | ND | |
| S-SB-37-6" | 157266 | 08/09/2017 | 10:15 | 081417S1 | 08/14/2017 | 1.00 | ND | |
| S-SB-38-12" | 157267 | 08/09/2017 | 10:35 | 081417S1 | 08/14/2017 | 1.00 | ND | |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED METHOD REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

MRL - METHOD REPORTING LIMIT

AE - UNKNOWN HYDROCARBON WITH A SINGLE PEAK

AN - UNKNOWN HYDROCARBON WITH SEVERAL PEAKS

AS - HEAVIER HYDROCARBON THAN GASOLINE CONTRIBUTING TO GRO VALUE

CO - HYDROCARBON RESPONSE IN GASOLINE RANGE BUT DOES NOT RESEMBLE GASOLINE

APPROVED BY: *cb*
DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: S-SB-39-6"

LAB NO: 157262

DATE SAMPLED: 08/09/2017

TIME SAMPLED: 09:30

K PRIME PROJECT: 9986

BATCH NO: 081017S1

CLIENT PROJECT: 17-2382

DATE ANALYZED: 08/15/2017

METHOD: VOLATILE ORGANIC COMPOUNDS

SAMPLE TYPE: SOIL

REFERENCE: EPA 5035/8260

UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------------|------------|--------------------|----------------|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 1.55 | ND |
| CHLOROMETHANE | 74-87-3 | 1.55 | ND |
| VINYL CHLORIDE | 75-01-4 | 1.55 | ND |
| BROMOMETHANE | 74-83-9 | 1.55 | ND |
| CHLOROETHANE | 75-00-3 | 1.55 | ND |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 1.55 | ND |
| 1,1-DICHLOROETHENE | 75-35-4 | 1.55 | ND |
| TRICHLOROTRIFLUOROETHANE | 76-13-1 | 1.55 | ND |
| METHYLENE CHLORIDE | 75-09-2 | 7.73 | ND |
| TRANS-1,2-DICHLOROETHENE | 156-60-5 | 1.55 | ND |
| 1,1-DICHLOROETHANE | 75-34-3 | 1.55 | ND |
| CIS-1,2-DICHLOROETHENE | 156-59-2 | 1.55 | ND |
| 2,2-DICHLOROPROPANE | 594-20-7 | 1.55 | ND |
| BROMOCHLOROMETHANE | 74-97-5 | 1.55 | ND |
| CHLOROFORM | 67-66-3 | 1.55 | ND |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 1.55 | ND |
| CARBON TETRACHLORIDE | 56-23-5 | 1.55 | ND |
| 1,1-DICHLOROPROPENE | 563-58-6 | 1.55 | ND |
| BENZENE | 71-43-2 | 1.55 | ND |
| 1,2-DICHLOROETHANE | 107-06-2 | 1.55 | ND |
| TRICHLOROETHENE | 79-01-6 | 1.55 | ND |
| 1,2-DICHLOROPROPANE | 78-87-5 | 1.55 | ND |
| DIBROMOMETHANE | 74-95-3 | 1.55 | ND |
| BROMODICHLOROMETHANE | 75-27-4 | 1.55 | ND |
| TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | 1.55 | ND |
| TOLUENE | 108-88-3 | 1.55 | ND |
| CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 1.55 | ND |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 1.55 | ND |
| TETRACHLOROETHENE | 127-18-4 | 1.55 | ND |
| 1,3-DICHLOROPROPANE | 142-28-9 | 1.55 | ND |
| DIBROMOCHLOROMETHANE | 124-48-1 | 1.55 | ND |
| 1,2-DIBROMOETHANE | 106-93-4 | 1.55 | ND |
| CHLOROBENZENE | 108-90-7 | 1.55 | ND |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 1.55 | ND |
| ETHYLBENZENE | 100-41-4 | 1.55 | ND |
| XYLENE (M+P) | 1330-20-7 | 1.55 | ND |
| XYLENE (O) | 1330-20-7 | 1.55 | ND |
| STYRENE | 100-42-5 | 1.55 | ND |
| BROMOFORM | 75-25-2 | 1.55 | ND |
| ISOPROPYLBENZENE | 98-82-8 | 1.55 | ND |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 1.55 | ND |
| BROMOBENZENE | 108-86-1 | 1.55 | ND |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 1.55 | ND |
| N-PROPYLBENZENE | 103-65-1 | 1.55 | ND |
| 2-CHLOROTOLUENE | 95-49-8 | 1.55 | ND |

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: S-SB-39-6"
LAB NO: 157262
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 09:30
BATCH NO: 081017S1
DATE ANALYZED: 08/15/2017

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-----------------------------|----------|--------------------|----------------|
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 1.55 | ND |
| 4-CHLOROTOLUENE | 106-43-4 | 1.55 | ND |
| TERT-BUTYLBENZENE | 98-06-6 | 1.55 | ND |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 1.55 | ND |
| SEC-BUTYLBENZENE | 135-98-8 | 1.55 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 1.55 | ND |
| 4-ISOPROPYLTOLUENE | 99-87-6 | 1.55 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 1.55 | ND |
| N-BUTYLBENZENE | 104-51-8 | 1.55 | ND |
| 1,2-DICHLOROBENZENE | 96-50-1 | 1.55 | ND |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 1.55 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 3.09 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 3.09 | ND |
| NAPHTHALENE | 91-20-3 | 3.09 | ND |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 3.09 | ND |

| SURROGATE RECOVERY | % |
|----------------------|-----|
| DIBROMOFLUOROMETHANE | 116 |
| TOLUENE-D8 | 112 |
| 4-BROMOFLUOROBENZENE | 83 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: cb
 DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-40-6"
LAB NO: 157263
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 09:40
BATCH NO: 081017S1
DATE ANALYZED: 08/15/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------------|------------|--------------------|----------------|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 1.75 | ND |
| CHLOROMETHANE | 74-87-3 | 1.75 | ND |
| VINYL CHLORIDE | 75-01-4 | 1.75 | ND |
| BROMOMETHANE | 74-83-9 | 1.75 | ND |
| CHLOROETHANE | 75-00-3 | 1.75 | ND |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 1.75 | ND |
| 1,1-DICHLOROETHENE | 75-35-4 | 1.75 | ND |
| TRICHLOROTRIFLUOROETHANE | 78-13-1 | 1.75 | ND |
| METHYLENE CHLORIDE | 75-09-2 | 8.73 | ND |
| TRANS-1,2-DICHLOROETHENE | 156-80-5 | 1.75 | ND |
| 1,1-DICHLOROETHANE | 75-34-3 | 1.75 | ND |
| CIS-1,2-DICHLOROETHENE | 156-59-2 | 1.75 | ND |
| 2,2-DICHLOROPROPANE | 594-20-7 | 1.75 | ND |
| BROMOCHLOROMETHANE | 74-97-5 | 1.75 | ND |
| CHLOROFORM | 67-66-3 | 1.75 | ND |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 1.75 | ND |
| CARBON TETRACHLORIDE | 56-23-5 | 1.75 | ND |
| 1,1-DICHLOROPROPENE | 563-58-6 | 1.75 | ND |
| BENZENE | 71-43-2 | 1.75 | ND |
| 1,2-DICHLOROETHANE | 107-06-2 | 1.75 | ND |
| TRICHLOROETHENE | 79-01-6 | 1.75 | ND |
| 1,2-DICHLOROPROPANE | 78-87-5 | 1.75 | ND |
| DIBROMOMETHANE | 74-95-3 | 1.75 | ND |
| BROMODICHLOROMETHANE | 75-27-4 | 1.75 | ND |
| TRANS-1,3-DICHLOROPROPENE | 10081-02-6 | 1.75 | ND |
| TOLUENE | 108-88-3 | 1.75 | ND |
| CIS-1,3-DICHLOROPROPENE | 10081-01-5 | 1.75 | ND |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 1.75 | ND |
| TETRACHLOROETHENE | 127-18-4 | 1.75 | ND |
| 1,3-DICHLOROPROPANE | 142-28-9 | 1.75 | ND |
| DIBROMOCHLOROMETHANE | 124-48-1 | 1.75 | ND |
| 1,2-DIBROMOETHANE | 106-93-4 | 1.75 | ND |
| CHLOROBENZENE | 108-90-7 | 1.75 | ND |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 1.75 | ND |
| ETHYLBENZENE | 100-41-4 | 1.75 | ND |
| XYLENE (M+P) | 1330-20-7 | 1.75 | ND |
| XYLENE (O) | 1330-20-7 | 1.75 | ND |
| STYRENE | 100-42-5 | 1.75 | ND |
| BROMOFORM | 75-25-2 | 1.75 | ND |
| ISOPROPYLBENZENE | 98-82-8 | 1.75 | ND |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 1.75 | ND |
| BROMOBENZENE | 108-86-1 | 1.75 | ND |
| 1,2,3-TRICHLOROPROPANE | 98-18-4 | 1.75 | ND |
| N-PROPYLBENZENE | 103-65-1 | 1.75 | ND |
| 2-CHLOROTOLUENE | 95-49-8 | 1.75 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-40-6"
LAB NO: 157263
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 09:40
BATCH NO: 081017S1
DATE ANALYZED: 08/15/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-----------------------------|----------|--------------------|----------------|
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 1.75 | ND |
| 4-CHLOROTOLUENE | 106-43-4 | 1.75 | ND |
| TERT-BUTYLBENZENE | 98-06-6 | 1.75 | ND |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 1.75 | ND |
| SEC-BUTYLBENZENE | 135-98-8 | 1.75 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 1.75 | ND |
| 4-ISOPROPYLTOLUENE | 99-87-6 | 1.75 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 1.75 | ND |
| N-BUTYLBENZENE | 104-51-8 | 1.75 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 1.75 | ND |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 1.75 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 3.49 | ND |
| HEXACHLOROBUTADIENE | 87-88-3 | 3.49 | ND |
| NAPHTHALENE | 91-20-3 | 3.49 | ND |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 3.49 | ND |

| SURROGATE RECOVERY | % |
|----------------------|-----|
| DIBROMOFLUOROMETHANE | 128 |
| TOLUENE-D8 | 113 |
| 4-BROMOFLUOROBENZENE | 79 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: *ch*
DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-41-6"
LAB NO: 157264
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 09:47
BATCH NO: 081017S1
DATE ANALYZED: 08/15/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------------|------------|-----------------|-------------|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 1.81 | ND |
| CHLOROMETHANE | 74-87-3 | 1.81 | ND |
| VINYL CHLORIDE | 75-01-4 | 1.81 | ND |
| BROMOMETHANE | 74-83-9 | 1.81 | ND |
| CHLOROETHANE | 75-00-3 | 1.81 | ND |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 1.81 | ND |
| 1,1-DICHLOROETHENE | 75-35-4 | 1.81 | ND |
| TRICHLOROTRIFLUOROETHANE | 76-13-1 | 1.81 | ND |
| METHYLENE CHLORIDE | 75-09-2 | 9.05 | ND |
| TRANS-1,2-DICHLOROETHENE | 156-60-5 | 1.81 | ND |
| 1,1-DICHLOROETHANE | 75-34-3 | 1.81 | ND |
| CIS-1,2-DICHLOROETHENE | 156-59-2 | 1.81 | ND |
| 2,2-DICHLOROPROPANE | 594-20-7 | 1.81 | ND |
| BROMOCHLOROMETHANE | 74-97-5 | 1.81 | ND |
| CHLOROFORM | 67-66-3 | 1.81 | ND |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 1.81 | ND |
| CARBON TETRACHLORIDE | 56-23-5 | 1.81 | ND |
| 1,1-DICHLOROPROPENE | 563-58-6 | 1.81 | ND |
| BENZENE | 71-43-2 | 1.81 | ND |
| 1,2-DICHLOROETHANE | 107-06-2 | 1.81 | ND |
| TRICHLOROETHENE | 79-01-8 | 1.81 | ND |
| 1,2-DICHLOROPROPANE | 78-87-5 | 1.81 | ND |
| DIBROMOMETHANE | 74-95-3 | 1.81 | ND |
| BROMODICHLOROMETHANE | 75-27-4 | 1.81 | ND |
| TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | 1.81 | ND |
| TOLUENE | 108-88-3 | 1.81 | ND |
| CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 1.81 | ND |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 1.81 | ND |
| TETRACHLOROETHENE | 127-18-4 | 1.81 | ND |
| 1,3-DICHLOROPROPANE | 142-28-9 | 1.81 | ND |
| DIBROMOCHLOROMETHANE | 124-48-1 | 1.81 | ND |
| 1,2-DIBROMOETHANE | 108-93-4 | 1.81 | ND |
| CHLOROBENZENE | 108-90-7 | 1.81 | ND |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 1.81 | ND |
| ETHYLBENZENE | 100-41-4 | 1.81 | ND |
| XYLENE (M+P) | 1330-20-7 | 1.81 | ND |
| XYLENE (O) | 1330-20-7 | 1.81 | ND |
| STYRENE | 100-42-5 | 1.81 | ND |
| BROMOFORM | 75-25-2 | 1.81 | ND |
| ISOPROPYLBENZENE | 98-82-8 | 1.81 | ND |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 1.81 | ND |
| BROMOBENZENE | 108-86-1 | 1.81 | ND |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 1.81 | ND |
| N-PROPYLBENZENE | 103-65-1 | 1.81 | ND |
| 2-CHLOROTOLUENE | 95-49-8 | 1.81 | ND |

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: S-SB-41-6"
LAB NO: 157264
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 09:47
BATCH NO: 081017S1
DATE ANALYZED: 08/15/2017

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | GAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-----------------------------|----------|-----------------|-------------|
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 1.81 | ND |
| 4-CHLOROTOLUENE | 106-43-4 | 1.81 | ND |
| TERT-BUTYLBENZENE | 98-06-6 | 1.81 | ND |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 1.81 | ND |
| SEC-BUTYLBENZENE | 135-98-8 | 1.81 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 1.81 | ND |
| 4-ISOPROPYLTOLUENE | 99-87-6 | 1.81 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 1.81 | ND |
| N-BUTYLBENZENE | 104-51-8 | 1.81 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 1.81 | ND |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 1.81 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 3.62 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 3.62 | ND |
| NAPHTHALENE | 91-20-3 | 3.62 | ND |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 3.62 | ND |

| SURROGATE RECOVERY | % |
|----------------------|-----|
| DIBROMOFLUOROMETHANE | 130 |
| TOLUENE-D8 | 110 |
| 4-BROMOFLUOROBENZENE | 87 |

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: ew
DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: S-SB-42-6"
LAB NO: 157265
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 10:00
BATCH NO: 081017S1
DATE ANALYZED: 08/15/2017

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------------|------------|--------------------|----------------|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 1.62 | ND |
| CHLOROMETHANE | 74-87-3 | 1.62 | ND |
| VINYL CHLORIDE | 75-01-4 | 1.62 | ND |
| BROMOMETHANE | 74-83-9 | 1.62 | ND |
| CHLOROETHANE | 75-00-3 | 1.62 | ND |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 1.62 | ND |
| 1,1-DICHLOROETHENE | 75-35-4 | 1.62 | ND |
| TRICHLOROTRIFLUOROETHANE | 76-13-1 | 1.62 | ND |
| METHYLENE CHLORIDE | 75-09-2 | 8.10 | ND |
| TRANS-1,2-DICHLOROETHENE | 156-60-5 | 1.62 | ND |
| 1,1-DICHLOROETHANE | 75-34-3 | 1.62 | ND |
| CIS-1,2-DICHLOROETHENE | 156-59-2 | 1.62 | ND |
| 2,2-DICHLOROPROPANE | 594-20-7 | 1.62 | ND |
| BROMOCHLOROMETHANE | 74-97-5 | 1.62 | ND |
| CHLOROFORM | 67-66-3 | 1.62 | ND |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 1.62 | ND |
| CARBON TETRACHLORIDE | 56-23-5 | 1.62 | ND |
| 1,1-DICHLOROPROPENE | 563-58-6 | 1.62 | ND |
| BENZENE | 71-43-2 | 1.62 | ND |
| 1,2-DICHLOROETHANE | 107-06-2 | 1.62 | ND |
| TRICHLOROETHENE | 79-01-6 | 1.62 | ND |
| 1,2-DICHLOROPROPANE | 78-87-5 | 1.62 | ND |
| DIBROMOMETHANE | 74-95-3 | 1.62 | ND |
| BROMODICHLOROMETHANE | 75-27-4 | 1.62 | ND |
| TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | 1.62 | ND |
| TOLUENE | 108-88-3 | 1.62 | ND |
| CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 1.62 | ND |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 1.62 | ND |
| TETRACHLOROETHENE | 127-18-4 | 1.62 | ND |
| 1,3-DICHLOROPROPANE | 142-28-9 | 1.62 | ND |
| DIBROMOCHLOROMETHANE | 124-48-1 | 1.62 | ND |
| 1,2-DIBROMOETHANE | 106-93-4 | 1.62 | ND |
| CHLOROBENZENE | 108-90-7 | 1.62 | ND |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 1.62 | ND |
| ETHYLBENZENE | 100-41-4 | 1.62 | ND |
| XYLENE (M+P) | 1330-20-7 | 1.62 | ND |
| XYLENE (O) | 1330-20-7 | 1.62 | ND |
| STYRENE | 100-42-5 | 1.62 | ND |
| BROMOFORM | 75-25-2 | 1.62 | ND |
| ISOPROPYLBENZENE | 98-82-8 | 1.62 | ND |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 1.62 | ND |
| BROMOBENZENE | 108-86-1 | 1.62 | ND |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 1.62 | ND |
| N-PROPYLBENZENE | 103-65-1 | 1.62 | ND |
| 2-CHLOROTOLUENE | 95-49-8 | 1.62 | ND |

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: S-SB-37-6"

LAB NO: 157266

DATE SAMPLED: 08/09/2017

TIME SAMPLED: 10:15

K PRIME PROJECT: 9986

BATCH NO: 081017S1

CLIENT PROJECT: 17-2382

DATE ANALYZED: 08/15/2017

METHOD: VOLATILE ORGANIC COMPOUNDS

SAMPLE TYPE: SOIL

REFERENCE: EPA 5035/8260

UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------------|------------|--------------------|----------------|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 1.64 | ND |
| CHLOROMETHANE | 74-87-3 | 1.64 | ND |
| VINYL CHLORIDE | 75-01-4 | 1.64 | ND |
| BROMOMETHANE | 74-83-9 | 1.64 | ND |
| CHLOROETHANE | 75-00-3 | 1.64 | ND |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 1.64 | ND |
| 1,1-DICHLOROETHENE | 75-35-4 | 1.64 | ND |
| TRICHLOROTRIFLUOROETHANE | 76-13-1 | 1.64 | ND |
| METHYLENE CHLORIDE | 75-09-2 | 8.20 | ND |
| TRANS-1,2-DICHLOROETHENE | 156-60-5 | 1.64 | ND |
| 1,1-DICHLOROETHANE | 75-34-3 | 1.64 | ND |
| CIS-1,2-DICHLOROETHENE | 156-59-2 | 1.64 | ND |
| 2,2-DICHLOROPROPANE | 594-20-7 | 1.64 | ND |
| BROMOCHLOROMETHANE | 74-97-5 | 1.64 | ND |
| CHLOROFORM | 67-66-3 | 1.64 | ND |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 1.64 | ND |
| CARBON TETRACHLORIDE | 56-23-5 | 1.64 | ND |
| 1,1-DICHLOROPROPENE | 563-58-6 | 1.64 | ND |
| BENZENE | 71-43-2 | 1.64 | ND |
| 1,2-DICHLOROETHANE | 107-06-2 | 1.64 | ND |
| TRICHLOROETHENE | 79-01-6 | 1.64 | ND |
| 1,2-DICHLOROPROPANE | 78-87-5 | 1.64 | ND |
| DIBROMOMETHANE | 74-95-3 | 1.64 | ND |
| BROMODICHLOROMETHANE | 75-27-4 | 1.64 | ND |
| TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | 1.64 | ND |
| TOLUENE | 108-88-3 | 1.64 | ND |
| CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 1.64 | ND |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 1.64 | ND |
| TETRACHLOROETHENE | 127-18-4 | 1.64 | ND |
| 1,3-DICHLOROPROPANE | 142-28-9 | 1.64 | ND |
| DIBROMOCHLOROMETHANE | 124-48-1 | 1.64 | ND |
| 1,2-DIBROMOETHANE | 106-93-4 | 1.64 | ND |
| CHLOROBENZENE | 108-90-7 | 1.64 | ND |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 1.64 | ND |
| ETHYLBENZENE | 100-41-4 | 1.64 | ND |
| XYLENE (M+P) | 1330-20-7 | 1.64 | ND |
| XYLENE (O) | 1330-20-7 | 1.64 | ND |
| STYRENE | 100-42-5 | 1.64 | ND |
| BROMOFORM | 75-25-2 | 1.64 | ND |
| ISOPROPYLBENZENE | 98-82-8 | 1.64 | ND |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 1.64 | ND |
| BROMOBENZENE | 108-86-1 | 1.64 | ND |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 1.64 | ND |
| N-PROPYLBENZENE | 103-65-1 | 1.64 | ND |
| 2-CHLOROTOLUENE | 95-49-8 | 1.64 | ND |

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: S-SB-37-6"
LAB NO: 157266
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 10:15
BATCH NO: 081017S1
DATE ANALYZED: 08/15/2017

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-----------------------------|----------|--------------------|----------------|
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 1.64 | ND |
| 4-CHLOROTOLUENE | 106-43-4 | 1.64 | ND |
| TERT-BUTYLBENZENE | 98-06-6 | 1.64 | ND |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 1.64 | ND |
| SEC-BUTYLBENZENE | 135-98-8 | 1.64 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 1.64 | ND |
| 4-ISOPROPYLTOLUENE | 99-87-6 | 1.64 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 1.64 | ND |
| N-BUTYLBENZENE | 104-51-8 | 1.64 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 1.64 | ND |
| 1,2-DIBROMO-3-CHLOROPROPANE | 98-12-8 | 1.64 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 3.28 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 3.28 | ND |
| NAPHTHALENE | 91-20-3 | 3.28 | ND |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 3.28 | ND |

| SURROGATE RECOVERY | % |
|----------------------|-----|
| DIBROMOFLUOROMETHANE | 124 |
| TOLUENE-D8 | 107 |
| 4-BROMOFLUOROBENZENE | 88 |

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: ch
DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: S-SB-38-12"
LAB NO: 157267
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 10:35
BATCH NO: 081017S1
DATE ANALYZED: 08/15/2017

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------------|------------|--------------------|----------------|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 1.81 | ND |
| CHLOROMETHANE | 74-87-3 | 1.81 | ND |
| VINYL CHLORIDE | 75-01-4 | 1.81 | ND |
| BROMOMETHANE | 74-83-9 | 1.81 | ND |
| CHLOROETHANE | 75-00-3 | 1.81 | ND |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 1.81 | ND |
| 1,1-DICHLOROETHENE | 75-35-4 | 1.81 | ND |
| TRICHLOROTRIFLUOROETHANE | 76-13-1 | 1.81 | ND |
| METHYLENE CHLORIDE | 75-09-2 | 9.03 | ND |
| TRANS-1,2-DICHLOROETHENE | 156-60-5 | 1.81 | ND |
| 1,1-DICHLOROETHANE | 75-34-3 | 1.81 | ND |
| CIS-1,2-DICHLOROETHENE | 156-59-2 | 1.81 | ND |
| 2,2-DICHLOROPROPANE | 594-20-7 | 1.81 | ND |
| BROMOCHLOROMETHANE | 74-97-5 | 1.81 | ND |
| CHLOROFORM | 67-66-3 | 1.81 | ND |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 1.81 | ND |
| CARBON TETRACHLORIDE | 58-23-5 | 1.81 | ND |
| 1,1-DICHLOROPROPENE | 563-58-6 | 1.81 | ND |
| BENZENE | 71-43-2 | 1.81 | ND |
| 1,2-DICHLOROETHANE | 107-06-2 | 1.81 | ND |
| TRICHLOROETHENE | 79-01-8 | 1.81 | ND |
| 1,2-DICHLOROPROPANE | 78-87-5 | 1.81 | ND |
| DIBROMOMETHANE | 74-95-3 | 1.81 | ND |
| BROMODICHLOROMETHANE | 75-27-4 | 1.81 | ND |
| TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | 1.81 | ND |
| TOLUENE | 108-88-3 | 1.81 | ND |
| CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 1.81 | ND |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 1.81 | ND |
| TETRACHLOROETHENE | 127-18-4 | 1.81 | ND |
| 1,3-DICHLOROPROPANE | 142-28-9 | 1.81 | ND |
| DIBROMOCHLOROMETHANE | 124-48-1 | 1.81 | ND |
| 1,2-DIBROMOETHANE | 106-93-4 | 1.81 | ND |
| CHLOROBENZENE | 108-90-7 | 1.81 | ND |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 1.81 | ND |
| ETHYLBENZENE | 100-41-4 | 1.81 | ND |
| XYLENE (M+P) | 1330-20-7 | 1.81 | ND |
| XYLENE (O) | 1330-20-7 | 1.81 | ND |
| STYRENE | 100-42-5 | 1.81 | ND |
| BROMOFORM | 75-25-2 | 1.81 | ND |
| ISOPROPYLBENZENE | 98-82-8 | 1.81 | ND |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 1.81 | ND |
| BROMOBENZENE | 108-86-1 | 1.81 | ND |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 1.81 | ND |
| N-PROPYLBENZENE | 103-65-1 | 1.81 | ND |
| 2-CHLOROTOLUENE | 95-49-8 | 1.81 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-38-12"
LAB NO: 157267
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 10:35
BATCH NO: 081017S1
DATE ANALYZED: 08/15/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-----------------------------|----------|--------------------|----------------|
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 1.81 | ND |
| 4-CHLOROTOLUENE | 106-43-4 | 1.81 | ND |
| TERT-BUTYLBENZENE | 98-06-6 | 1.81 | ND |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 1.81 | ND |
| SEC-BUTYLBENZENE | 135-98-8 | 1.81 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 1.81 | ND |
| 4-ISOPROPYLTOLUENE | 99-87-6 | 1.81 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 1.81 | ND |
| N-BUTYLBENZENE | 104-51-8 | 1.81 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 1.81 | ND |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 1.81 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 3.61 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 3.61 | ND |
| NAPHTHALENE | 91-20-3 | 3.61 | ND |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 3.61 | ND |

| SURROGATE RECOVERY | % |
|----------------------|-----|
| DIBROMOFLUOROMETHANE | 126 |
| TOLUENE-D8 | 106 |
| 4-BROMOFLUOROBENZENE | 84 |

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: *ck*
DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

METHOD: DRO
REFERENCE: EPA 8015B

SAMPLE TYPE: SOIL
UNITS: mg/Kg

| SAMPLE ID | LAB NO. | DATE SAMPLED | BATCH ID | EXTRACT DATE | DATE ANALYZED | MRL | SAMPLE CONC | DRO PATTERN |
|-------------|---------|-----------------|-------------|-----------------|------------------|------|----------------|----------------|
| S-SB-39-6" | 157262 | 08/09/2017 | 080917S1 | 08/10/2017 | 08/10/2017 | 10.0 | 21.4 | AC |
| S-SB-40-6" | 157263 | 08/09/2017 | 080917S1 | 08/10/2017 | 08/10/2017 | 10.0 | ND | |
| S-SB-41-6" | 157264 | 08/09/2017 | 080917S1 | 08/10/2017 | 08/10/2017 | 10.0 | ND | |
| S-SB-42-6" | 157265 | 08/09/2017 | 080917S1 | 08/10/2017 | 08/10/2017 | 10.0 | ND | |
| S-SB-37-6" | 157266 | 08/09/2017 | 080917S1 | 08/10/2017 | 08/10/2017 | 10.0 | 1240 | AC |
| S-SB-38-12" | 157267 | 08/09/2017 | 080917S1 | 08/10/2017 | 08/10/2017 | 10.0 | ND | |

NOTES:

DRO Diesel Range Organics (C12-C23) with Silica Gel Cleanup
 ND Not Detected at or above the stated MRL
 NA Not Applicable or Available
 MRL Method Reporting Limit
 AD Typical Pattern for Diesel
 AM Hydrocarbon response is in the C12-C22 range
 AC Heavier hydrocarbons contributing to diesel range quantitation
 AJ Heavier hydrocarbon than diesel
 AK Lighter hydrocarbon than diesel
 AE Unknown hydrocarbon with a single peak
 AN Unknown hydrocarbon with several peaks

APPROVED BY:
 DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

METHOD: HRO
REFERENCE: EPA 8015B

SAMPLE TYPE: SOIL
UNITS: mg/Kg

| SAMPLE ID | LAB NO. | DATE SAMPLED | BATCH ID | EXTRACT DATE | DATE ANALYZED | MRL | SAMPLE CONC | HRO PATTERN |
|-------------|---------|-----------------|-------------|-----------------|------------------|------|----------------|----------------|
| S-SB-39-6" | 157262 | 08/09/2017 | 080917S1 | 08/10/2017 | 08/10/2017 | 10.0 | 41.4 | |
| S-SB-40-6" | 157263 | 08/09/2017 | 080917S1 | 08/10/2017 | 08/10/2017 | 10.0 | ND | |
| S-SB-41-6" | 157264 | 08/09/2017 | 080917S1 | 08/10/2017 | 08/10/2017 | 10.0 | ND | |
| S-SB-42-6" | 157265 | 08/09/2017 | 080917S1 | 08/10/2017 | 08/10/2017 | 10.0 | ND | |
| S-SB-37-6" | 157266 | 08/09/2017 | 080917S1 | 08/10/2017 | 08/10/2017 | 10.0 | 487 | |
| S-SB-38-12" | 157267 | 08/09/2017 | 080917S1 | 08/10/2017 | 08/10/2017 | 10.0 | ND | |

NOTES:

HRO Heavy Range Organics (C24-C34) with Silica Gel Cleanup
 ND Not Detected at or above the stated MRL
 NA Not Applicable or Available
 MRL Method Reporting Limit
 AE Unknown hydrocarbon with a single peak
 AN Unknown hydrocarbon with several peaks

APPROVED BY: *ch*
DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-39-6"
LAB NO: 157262
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 9:30
BATCH #: 080217S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-------------------------------|-----------|--------------------|----------------|
| ACENAPHTHENE | 83-32-9 | 330 | ND |
| ACENAPHTHYLENE | 208-96-8 | 330 | ND |
| ANTHRACENE | 120-12-7 | 330 | ND |
| BENZO (A) ANTHRACENE | 56-55-3 | 330 | ND |
| BENZO (B) FLUORANTHENE | 205-99-2 | 330 | ND |
| BENZO (K) FLUORANTHENE | 207-08-9 | 330 | ND |
| BENZO (A) PYRENE | 50-32-8 | 330 | ND |
| BENZO (G,H,I) PERYLENE | 191-24-2 | 330 | ND |
| BENZYL ALCOHOL | 100-51-6 | 330 | ND |
| BUTYL BENZYL PHTHALATE | 85-68-7 | 330 | ND |
| BIS (2-CHLOROETHYL) ETHER | 111-44-4 | 330 | ND |
| BIS (2-CHLOROETHOXY) METHANE | 111-91-1 | 330 | ND |
| BIS (2-CHLOROISOPROPYL) ETHER | 108-60-1 | 330 | ND |
| BIS (2-ETHYLHEXYL) PHTHALATE | 117-81-7 | 330 | ND |
| 4-BROMOPHENYL PHENYL ETHER | 101-55-3 | 330 | ND |
| 4-CHLOROANILINE | 106-47-8 | 330 | ND |
| 2-CHLORONAPHTHALENE | 91-58-7 | 330 | ND |
| 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 330 | ND |
| CHRYSENE | 218-01-9 | 330 | ND |
| DIBENZO (A,H) ANTHRACENE | 53-70-3 | 330 | ND |
| DIBENZOFURAN | 132-64-9 | 330 | ND |
| DI-N-BUTYL PHTHALATE | 84-74-2 | 330 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 330 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 330 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 330 | ND |
| 3,3'-DICHLOROBENZIDINE | 91-94-1 | 660 | ND |
| DIETHYL PHTHALATE | 84-66-2 | 330 | ND |
| DIMETHYL PHTHALATE | 131-11-3 | 330 | ND |
| 2,4-DINITROTOLUENE | 121-14-2 | 330 | ND |
| 2,6-DINITROTOLUENE | 606-20-2 | 330 | ND |
| DI-N-OCTYL PHTHALATE | 117-84-0 | 330 | ND |
| DIPHENYLAMINE | 122-39-4 | 330 | ND |
| FLUORANTHENE | 206-44-0 | 330 | ND |
| FLUORENE | 86-73-7 | 330 | ND |
| HEXACHLOROBENZENE | 118-74-1 | 330 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 330 | ND |
| HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 330 | ND |
| HEXACHLOROETHANE | 67-72-1 | 330 | ND |
| INDENO (1,2,3-CD) PYRENE | 193-39-5 | 330 | ND |
| ISOPHORONE | 78-59-1 | 330 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-39-6"
LAB NO: 157262
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 9:30
BATCH #: 080217S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|----------------------------|----------|--------------------|----------------|
| 2-METHYLNAPHTHALENE | 91-57-6 | 330 | ND |
| NAPHTHALENE | 91-20-3 | 330 | ND |
| 2-NITROANILINE | 88-74-4 | 1600 | ND |
| 3-NITROANILINE | 99-09-2 | 1600 | ND |
| 4-NITROANILINE | 100-01-6 | 1600 | ND |
| NITROBENZENE | 98-95-3 | 330 | ND |
| N-NITROSO-DI-N-PROPYLAMINE | 621-84-7 | 330 | ND |
| PHENANTHRENE | 85-01-8 | 330 | ND |
| PYRENE | 129-00-0 | 330 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 330 | ND |
| ACID EXTRACTABLES | | | |
| 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 660 | ND |
| 2-CHLOROPHENOL | 95-57-8 | 660 | ND |
| 2,4-DICHLOROPHENOL | 120-83-2 | 660 | ND |
| 2,4-DIMETHYLPHENOL | 105-67-9 | 660 | ND |
| 2,4-DINITROPHENOL | 51-28-5 | 1600 | ND |
| 4,6-DINITRO-2-METHYLPHENOL | 534-52-1 | 1600 | ND |
| 2-NITROPHENOL | 88-75-5 | 1600 | ND |
| 4-NITROPHENOL | 100-02-7 | 1600 | ND |
| PENTACHLOROPHENOL | 87-86-5 | 1600 | ND |
| PHENOL | 108-95-2 | 660 | ND |
| 2-METHYLPHENOL | 95-48-7 | 660 | ND |
| 4-METHYLPHENOL | 106-44-5 | 660 | ND |
| 2,4,5-TRICHLOROPHENOL | 95-95-4 | 1600 | ND |
| 2,4,6-TRICHLOROPHENOL | 88-06-2 | 1600 | ND |

| SURROGATE RECOVERY | % |
|----------------------|-----|
| NITROBENZENE-D5 | 84 |
| 2-FLUOROBIPHENYL | 69 |
| P-TERPHENYL-D14 | 94 |
| PHENOL-D6 | 88 |
| 2-FLUOROPHENOL | 83 |
| 2,4,6-TRIBROMOPHENOL | 119 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY:
DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-40-6"
LAB NO: 157263
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 9:40
BATCH #: 080217S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-------------------------------|-----------|--------------------|----------------|
| ACENAPHTHENE | 83-32-9 | 330 | ND |
| ACENAPHTHYLENE | 208-96-8 | 330 | ND |
| ANTHRACENE | 120-12-7 | 330 | ND |
| BENZO (A) ANTHRACENE | 56-55-3 | 330 | ND |
| BENZO (B) FLUORANTHENE | 205-99-2 | 330 | ND |
| BENZO (K) FLUORANTHENE | 207-08-9 | 330 | ND |
| BENZO (A) PYRENE | 50-32-8 | 330 | ND |
| BENZO (G,H,I) PERYLENE | 191-24-2 | 330 | ND |
| BENZYL ALCOHOL | 100-51-6 | 330 | ND |
| BUTYL BENZYL PHTHALATE | 85-68-7 | 330 | ND |
| BIS (2-CHLOROETHYL) ETHER | 111-44-4 | 330 | ND |
| BIS (2-CHLOROETHOXY) METHANE | 111-91-1 | 330 | ND |
| BIS (2-CHLOROISOPROPYL) ETHER | 108-80-1 | 330 | ND |
| BIS (2-ETHYLHEXYL) PHTHALATE | 117-81-7 | 330 | ND |
| 4-BROMOPHENYL PHENYL ETHER | 101-55-3 | 330 | ND |
| 4-CHLOROANILINE | 106-47-8 | 330 | ND |
| 2-CHLORONAPHTHALENE | 91-58-7 | 330 | ND |
| 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 330 | ND |
| CHRYSENE | 218-01-9 | 330 | ND |
| DIBENZO (A,H) ANTHRACENE | 53-70-3 | 330 | ND |
| DIBENZOFURAN | 132-64-9 | 330 | ND |
| DI-N-BUTYLPHTHALATE | 84-74-2 | 330 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 330 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 330 | ND |
| 1,4-DICHLOROBENZENE | 108-46-7 | 330 | ND |
| 3,3'-DICHLOROBENZIDINE | 91-94-1 | 680 | ND |
| DIETHYLPHTHALATE | 84-66-2 | 330 | ND |
| DIMETHYL PHTHALATE | 131-11-3 | 330 | ND |
| 2,4-DINITROTOLUENE | 121-14-2 | 330 | ND |
| 2,6-DINITROTOLUENE | 606-20-2 | 330 | ND |
| DI-N-OCTYL PHTHALATE | 117-84-0 | 330 | ND |
| DIPHENYLAMINE | 122-39-4 | 330 | ND |
| FLUORANTHENE | 206-44-0 | 330 | ND |
| FLUORENE | 86-73-7 | 330 | ND |
| HEXACHLOROBENZENE | 118-74-1 | 330 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 330 | ND |
| HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 330 | ND |
| HEXACHLOROETHANE | 67-72-1 | 330 | ND |
| INDENO (1,2,3-CD) PYRENE | 193-39-5 | 330 | ND |
| ISOPHORONE | 78-59-1 | 330 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-40-6"
LAB NO: 157263
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 9:40
BATCH #: 080217S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|----------------------------|----------|--------------------|----------------|
| 2-METHYLNAPHTHALENE | 91-57-6 | 330 | ND |
| NAPHTHALENE | 91-20-3 | 330 | ND |
| 2-NITROANILINE | 88-74-4 | 1600 | ND |
| 3-NITROANILINE | 99-09-2 | 1600 | ND |
| 4-NITROANILINE | 100-01-6 | 1600 | ND |
| NITROBENZENE | 98-95-3 | 330 | ND |
| N-NITROSO-DI-N-PROPYLAMINE | 621-64-7 | 330 | ND |
| PHENANTHRENE | 85-01-8 | 330 | ND |
| PYRENE | 129-00-0 | 330 | ND |
| 1,2,4-TRICHLORO BENZENE | 120-82-1 | 330 | ND |
| ACID EXTRACTABLES | | | |
| 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 660 | ND |
| 2-CHLOROPHENOL | 95-57-8 | 660 | ND |
| 2,4-DICHLOROPHENOL | 120-83-2 | 660 | ND |
| 2,4-DIMETHYLPHENOL | 105-67-9 | 660 | ND |
| 2,4-DINITROPHENOL | 51-28-5 | 1600 | ND |
| 4,6-DINITRO-2-METHYLPHENOL | 534-52-1 | 1600 | ND |
| 2-NITROPHENOL | 88-75-5 | 1600 | ND |
| 4-NITROPHENOL | 100-02-7 | 1600 | ND |
| PENTACHLOROPHENOL | 87-86-5 | 1600 | ND |
| PHENOL | 108-95-2 | 660 | ND |
| 2-METHYLPHENOL | 95-48-7 | 660 | ND |
| 4-METHYLPHENOL | 106-44-5 | 660 | ND |
| 2,4,5-TRICHLOROPHENOL | 95-95-4 | 1600 | ND |
| 2,4,6-TRICHLOROPHENOL | 88-06-2 | 1600 | ND |

| SURROGATE RECOVERY | % |
|---------------------------|----------|
| NITROBENZENE-D5 | 81 |
| 2-FLUOROBIPHENYL | 66 |
| P-TERPHENYL-D14 | 94 |
| PHENOL-D6 | 92 |
| 2-FLUOROPHENOL | 89 |
| 2,4,6-TRIBROMOPHENOL | 81 |

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: cb
DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-41-6"
LAB NO: 157264
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 9:47
BATCH #: 080217S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-------------------------------|-----------|--------------------|----------------|
| ACENAPHTHENE | 83-32-9 | 330 | ND |
| ACENAPHTHYLENE | 208-96-8 | 330 | ND |
| ANTHRACENE | 120-12-7 | 330 | ND |
| BENZO (A) ANTHRACENE | 56-55-3 | 330 | ND |
| BENZO (B) FLUORANTHENE | 205-99-2 | 330 | ND |
| BENZO (K) FLUORANTHENE | 207-08-9 | 330 | ND |
| BENZO (A) PYRENE | 50-32-8 | 330 | ND |
| BENZO (G,H,I) PERYLENE | 191-24-2 | 330 | ND |
| BENZYL ALCOHOL | 100-51-6 | 330 | ND |
| BUTYL BENZYL PHTHALATE | 85-88-7 | 330 | ND |
| BIS (2-CHLOROETHYL) ETHER | 111-44-4 | 330 | ND |
| BIS (2-CHLOROETHOXY) METHANE | 111-91-1 | 330 | ND |
| BIS (2-CHLOROISOPROPYL) ETHER | 108-60-1 | 330 | ND |
| BIS (2-ETHYLHEXYL) PHTHALATE | 117-81-7 | 330 | ND |
| 4-BROMOPHENYL PHENYL ETHER | 101-55-3 | 330 | ND |
| 4-CHLOROANILINE | 106-47-8 | 330 | ND |
| 2-CHLORONAPHTHALENE | 91-58-7 | 330 | ND |
| 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 330 | ND |
| CHRYSENE | 218-01-9 | 330 | ND |
| DIBENZO (A,H) ANTHRACENE | 53-70-3 | 330 | ND |
| DIBENZOFURAN | 132-64-9 | 330 | ND |
| DI-N-BUTYLPHTHALATE | 84-74-2 | 330 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 330 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 330 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 330 | ND |
| 3,3'-DICHLOROBENZIDINE | 91-94-1 | 660 | ND |
| DIETHYLPHTHALATE | 84-66-2 | 330 | ND |
| DIMETHYL PHTHALATE | 131-11-3 | 330 | ND |
| 2,4-DINITROTOLUENE | 121-14-2 | 330 | ND |
| 2,6-DINITROTOLUENE | 606-20-2 | 330 | ND |
| DI-N-OCTYL PHTHALATE | 117-84-0 | 330 | ND |
| DIPHENYLAMINE | 122-39-4 | 330 | ND |
| FLUORANTHENE | 206-44-0 | 330 | ND |
| FLUORENE | 86-73-7 | 330 | ND |
| HEXACHLOROBENZENE | 118-74-1 | 330 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 330 | ND |
| HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 330 | ND |
| HEXACHLOROETHANE | 67-72-1 | 330 | ND |
| INDENO (1,2,3-CD) PYRENE | 193-39-5 | 330 | ND |
| ISOPHORONE | 78-59-1 | 330 | ND |

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: S-SB-41-6"

LAB NO: 157264

DATE SAMPLED: 08/09/2017

TIME SAMPLED: 9:47

K PRIME PROJECT: 9986

BATCH #: 080217S1

CLIENT PROJECT: 17-2382

DATE EXTRACTED: 08/10/2017

DATE ANALYZED: 08/11/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS

SAMPLE TYPE: SOIL

REFERENCE: EPA 3550/8270

UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|----------------------------|----------|-----------------|-------------|
| 2-METHYLNAPHTHALENE | 91-57-6 | 330 | ND |
| NAPHTHALENE | 91-20-3 | 330 | ND |
| 2-NITROANILINE | 88-74-4 | 1600 | ND |
| 3-NITROANILINE | 99-09-2 | 1600 | ND |
| 4-NITROANILINE | 100-01-6 | 1600 | ND |
| NITROBENZENE | 98-95-3 | 330 | ND |
| N-NITROSO-DI-N-PROPYLAMINE | 621-64-7 | 330 | ND |
| PHENANTHRENE | 85-01-8 | 330 | ND |
| PYRENE | 129-00-0 | 330 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 330 | ND |
| ACID EXTRACTABLES | | | |
| 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 660 | ND |
| 2-CHLOROPHENOL | 95-57-8 | 660 | ND |
| 2,4-DICHLOROPHENOL | 120-83-2 | 660 | ND |
| 2,4-DIMETHYLPHENOL | 105-67-9 | 660 | ND |
| 2,4-DINITROPHENOL | 51-28-5 | 1600 | ND |
| 4,6-DINITRO-2-METHYLPHENOL | 534-52-1 | 1600 | ND |
| 2-NITROPHENOL | 88-75-5 | 1600 | ND |
| 4-NITROPHENOL | 100-02-7 | 1600 | ND |
| PENTACHLOROPHENOL | 87-86-5 | 1600 | ND |
| PHENOL | 108-95-2 | 660 | ND |
| 2-METHYLPHENOL | 95-48-7 | 660 | ND |
| 4-METHYLPHENOL | 106-44-5 | 660 | ND |
| 2,4,5-TRICHLOROPHENOL | 95-95-4 | 1600 | ND |
| 2,4,6-TRICHLOROPHENOL | 88-06-2 | 1600 | ND |

| SURROGATE RECOVERY | % |
|----------------------|----|
| NITROBENZENE-D5 | 90 |
| 2-FLUOROBIPHENYL | 71 |
| P-TERPHENYL-D14 | 89 |
| PHENOL-D6 | 88 |
| 2-FLUOROPHENOL | 86 |
| 2,4,6-TRIBROMOPHENOL | 89 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: ch
DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-42-6"
LAB NO: 157265
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 10:00
BATCH #: 080217S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-------------------------------|-----------|--------------------|----------------|
| ACENAPHTHENE | 83-32-9 | 330 | ND |
| ACENAPHTHYLENE | 208-96-8 | 330 | ND |
| ANTHRACENE | 120-12-7 | 330 | ND |
| BENZO (A) ANTHRACENE | 56-55-3 | 330 | ND |
| BENZO (B) FLUORANTHENE | 205-99-2 | 330 | ND |
| BENZO (K) FLUORANTHENE | 207-08-9 | 330 | ND |
| BENZO (A) PYRENE | 50-32-8 | 330 | ND |
| BENZO (G,H,I) PERYLENE | 191-24-2 | 330 | ND |
| BENZYL ALCOHOL | 100-51-6 | 330 | ND |
| BUTYL BENZYL PHTHALATE | 85-88-7 | 330 | ND |
| BIS (2-CHLOROETHYL) ETHER | 111-44-4 | 330 | ND |
| BIS (2-CHLOROETHOXY) METHANE | 111-91-1 | 330 | ND |
| BIS (2-CHLOROISOPROPYL) ETHER | 108-60-1 | 330 | ND |
| BIS (2-ETHYLHEXYL) PHTHALATE | 117-81-7 | 330 | ND |
| 4-BROMOPHENYL PHENYL ETHER | 101-55-3 | 330 | ND |
| 4-CHLOROANILINE | 106-47-8 | 330 | ND |
| 2-CHLORONAPHTHALENE | 91-58-7 | 330 | ND |
| 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 330 | ND |
| CHRYSENE | 218-01-9 | 330 | ND |
| DIBENZO (A,H) ANTHRACENE | 53-70-3 | 330 | ND |
| DIBENZOFURAN | 132-64-9 | 330 | ND |
| DI-N-BUTYLPHTHALATE | 84-74-2 | 330 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 330 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 330 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 330 | ND |
| 3,3'-DICHLOROBENZIDINE | 91-94-1 | 660 | ND |
| DIETHYLPHTHALATE | 84-66-2 | 330 | ND |
| DIMETHYL PHTHALATE | 131-11-3 | 330 | ND |
| 2,4-DINITROTOLUENE | 121-14-2 | 330 | ND |
| 2,6-DINITROTOLUENE | 606-20-2 | 330 | ND |
| DI-N-OCTYL PHTHALATE | 117-84-0 | 330 | ND |
| DIPHENYLAMINE | 122-39-4 | 330 | ND |
| FLUORANTHENE | 206-44-0 | 330 | ND |
| FLUORENE | 86-73-7 | 330 | ND |
| HEXACHLOROBENZENE | 118-74-1 | 330 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 330 | ND |
| HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 330 | ND |
| HEXACHLOROETHANE | 67-72-1 | 330 | ND |
| INDENO (1,2,3-CD) PYRENE | 193-39-5 | 330 | ND |
| ISOPHORONE | 78-59-1 | 330 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-42-6"
LAB NO: 157265
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 10:00
BATCH #: 080217S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|----------------------------|----------|-----------------|-------------|
| 2-METHYLNAPHTHALENE | 91-57-6 | 330 | ND |
| NAPHTHALENE | 91-20-3 | 330 | ND |
| 2-NITROANILINE | 88-74-4 | 1600 | ND |
| 3-NITROANILINE | 99-09-2 | 1600 | ND |
| 4-NITROANILINE | 100-01-6 | 1600 | ND |
| NITROBENZENE | 98-95-3 | 330 | ND |
| N-NITROSO-DI-N-PROPYLAMINE | 621-64-7 | 330 | ND |
| PHENANTHRENE | 85-01-8 | 330 | ND |
| PYRENE | 129-00-0 | 330 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 330 | ND |
| ACID EXTRACTABLES | | | |
| 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 660 | ND |
| 2-CHLOROPHENOL | 95-57-8 | 660 | ND |
| 2,4-DICHLOROPHENOL | 120-83-2 | 660 | ND |
| 2,4-DIMETHYLPHENOL | 105-67-9 | 660 | ND |
| 2,4-DINITROPHENOL | 51-28-5 | 1600 | ND |
| 4,6-DINITRO-2-METHYLPHENOL | 534-52-1 | 1600 | ND |
| 2-NITROPHENOL | 88-75-5 | 1600 | ND |
| 4-NITROPHENOL | 100-02-7 | 1600 | ND |
| PENTACHLOROPHENOL | 87-86-5 | 1600 | ND |
| PHENOL | 108-95-2 | 660 | ND |
| 2-METHYLPHENOL | 95-48-7 | 660 | ND |
| 4-METHYLPHENOL | 106-44-5 | 660 | ND |
| 2,4,5-TRICHLOROPHENOL | 95-95-4 | 1600 | ND |
| 2,4,6-TRICHLOROPHENOL | 88-06-2 | 1600 | ND |

| SURROGATE RECOVERY | % |
|---------------------------|----------|
| NITROBENZENE-D5 | 72 |
| 2-FLUOROBIPHENYL | 62 |
| P-TERPHENYL-D14 | 82 |
| PHENOL-D6 | 79 |
| 2-FLUOROPHENOL | 71 |
| 2,4,6-TRIBROMOPHENOL | 56 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: *ch*
 DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-37-6"
LAB NO: 157266
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 10:15
BATCH #: 080217S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-------------------------------|-----------|-----------------|-------------|
| ACENAPHTHENE | 83-32-9 | 330 | ND |
| ACENAPHTHYLENE | 208-86-8 | 330 | 6960 |
| ANTHRACENE | 120-12-7 | 330 | 2380 |
| BENZO (A) ANTHRACENE | 56-55-3 | 330 | 1210 |
| BENZO (B) FLUORANTHENE | 205-99-2 | 330 | 425 |
| BENZO (K) FLUORANTHENE | 207-08-9 | 330 | 602 |
| BENZO (A) PYRENE | 50-32-8 | 330 | 673 |
| BENZO (G,H,I) PERYLENE | 191-24-2 | 330 | 3440 |
| BENZYL ALCOHOL | 100-51-6 | 330 | ND |
| BUTYL BENZYL PHTHALATE | 85-68-7 | 330 | ND |
| BIS (2-CHLOROETHYL) ETHER | 111-44-4 | 330 | ND |
| BIS (2-CHLOROETHOXY) METHANE | 111-91-1 | 330 | ND |
| BIS (2-CHLOROISOPROPYL) ETHER | 108-60-1 | 330 | ND |
| BIS (2-ETHYLHEXYL) PHTHALATE | 117-81-7 | 330 | ND |
| 4-BROMOPHENYL PHENYL ETHER | 101-55-3 | 330 | ND |
| 4-CHLOROANILINE | 106-47-8 | 330 | ND |
| 2-CHLORONAPHTHALENE | 91-58-7 | 330 | ND |
| 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 330 | ND |
| CHRYSENE | 218-01-9 | 330 | 772 |
| DIBENZO (A,H) ANTHRACENE | 53-70-3 | 330 | 565 |
| DIBENZOFURAN | 132-64-9 | 330 | ND |
| DI-N-BUTYLPHTHALATE | 84-74-2 | 330 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 330 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 330 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 330 | ND |
| 3,3'-DICHLOROBENZIDINE | 91-94-1 | 660 | ND |
| DIETHYLPHTHALATE | 84-66-2 | 330 | ND |
| DIMETHYL PHTHALATE | 131-11-3 | 330 | ND |
| 2,4-DINITROTOLUENE | 121-14-2 | 330 | ND |
| 2,6-DINITROTOLUENE | 606-20-2 | 330 | ND |
| DI-N-OCTYL PHTHALATE | 117-84-0 | 330 | ND |
| DIPHENYLAMINE | 122-39-4 | 330 | ND |
| FLUORANTHENE | 206-44-0 | 330 | ND |
| FLUORENE | 86-73-7 | 330 | ND |
| HEXACHLOROBENZENE | 118-74-1 | 330 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 330 | ND |
| HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 330 | ND |
| HEXACHLOROETHANE | 67-72-1 | 330 | ND |
| INDENO (1,2,3-CD) PYRENE | 193-39-5 | 330 | 2390 |
| ISOPHORONE | 78-59-1 | 330 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-37-6"
LAB NO: 157266
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 10:15
BATCH #: 080217S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|----------------------------|----------|-----------------|-------------|
| 2-METHYLNAPHTHALENE | 91-57-6 | 330 | ND |
| NAPHTHALENE | 91-20-3 | 330 | ND |
| 2-NITROANILINE | 88-74-4 | 1600 | ND |
| 3-NITROANILINE | 99-09-2 | 1600 | ND |
| 4-NITROANILINE | 100-01-6 | 1600 | ND |
| NITROBENZENE | 98-95-3 | 330 | ND |
| N-NITROSO-DI-N-PROPYLAMINE | 621-64-7 | 330 | ND |
| PHENANTHRENE | 85-01-8 | 330 | 1750 |
| PYRENE | 129-00-0 | 330 | 1000 |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 330 | ND |
| ACID EXTRACTABLES | | | |
| 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 660 | ND |
| 2-CHLOROPHENOL | 95-57-8 | 660 | ND |
| 2,4-DICHLOROPHENOL | 120-83-2 | 660 | ND |
| 2,4-DIMETHYLPHENOL | 105-67-9 | 660 | ND |
| 2,4-DINITROPHENOL | 51-28-5 | 1600 | ND |
| 4,6-DINITRO-2-METHYLPHENOL | 534-52-1 | 1600 | ND |
| 2-NITROPHENOL | 88-75-5 | 1600 | ND |
| 4-NITROPHENOL | 100-02-7 | 1600 | ND |
| PENTACHLOROPHENOL | 87-86-5 | 1600 | ND |
| PHENOL | 108-95-2 | 660 | ND |
| 2-METHYLPHENOL | 95-48-7 | 660 | ND |
| 4-METHYLPHENOL | 106-44-5 | 660 | ND |
| 2,4,5-TRICHLOROPHENOL | 95-95-4 | 1600 | ND |
| 2,4,6-TRICHLOROPHENOL | 88-06-2 | 1600 | ND |

| SURROGATE RECOVERY | % |
|----------------------|-----|
| NITROBENZENE-D5 | 89 |
| 2-FLUOROBIPHENYL | 112 |
| P-TERPHENYL-D14 | 71 |
| PHENOL-D6 | 63 |
| 2-FLUOROPHENOL | 70 |
| 2,4,6-TRIBROMOPHENOL | 95 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: ch
 DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-38-12"
LAB NO: 157267
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 10:35
BATCH #: 080217S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-------------------------------|-----------|--------------------|----------------|
| ACENAPHTHENE | 83-32-9 | 330 | ND |
| ACENAPHTHYLENE | 208-96-8 | 330 | ND |
| ANTHRACENE | 120-12-7 | 330 | ND |
| BENZO (A) ANTHRACENE | 56-55-3 | 330 | ND |
| BENZO (B) FLUORANTHENE | 205-99-2 | 330 | ND |
| BENZO (K) FLUORANTHENE | 207-08-9 | 330 | ND |
| BENZO (A) PYRENE | 50-32-8 | 330 | ND |
| BENZO (G,H,I) PERYLENE | 191-24-2 | 330 | ND |
| BENZYL ALCOHOL | 100-51-6 | 330 | ND |
| BUTYL BENZYL PHTHALATE | 85-88-7 | 330 | ND |
| BIS (2-CHLOROETHYL) ETHER | 111-44-4 | 330 | ND |
| BIS (2-CHLOROETHOXY) METHANE | 111-91-1 | 330 | ND |
| BIS (2-CHLOROISOPROPYL) ETHER | 108-60-1 | 330 | ND |
| BIS (2-ETHYLHEXYL) PHTHALATE | 117-81-7 | 330 | ND |
| 4-BROMOPHENYL PHENYL ETHER | 101-55-3 | 330 | ND |
| 4-CHLOROANILINE | 106-47-8 | 330 | ND |
| 2-CHLORONAPHTHALENE | 91-58-7 | 330 | ND |
| 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 330 | ND |
| CHRYSENE | 218-01-9 | 330 | ND |
| DIBENZO (A,H) ANTHRACENE | 53-70-3 | 330 | ND |
| DIBENZOFURAN | 132-64-9 | 330 | ND |
| DI-N-BUTYLPHTHALATE | 84-74-2 | 330 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 330 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 330 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 330 | ND |
| 3,3'-DICHLOROBENZIDINE | 91-94-1 | 660 | ND |
| DIETHYLPHTHALATE | 84-66-2 | 330 | ND |
| DIMETHYL PHTHALATE | 131-11-3 | 330 | ND |
| 2,4-DINITROTOLUENE | 121-14-2 | 330 | ND |
| 2,6-DINITROTOLUENE | 606-20-2 | 330 | ND |
| DI-N-OCTYL PHTHALATE | 117-84-0 | 330 | ND |
| DIPHENYLAMINE | 122-39-4 | 330 | ND |
| FLUORANTHENE | 206-44-0 | 330 | ND |
| FLUORENE | 86-73-7 | 330 | ND |
| HEXACHLOROBENZENE | 118-74-1 | 330 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 330 | ND |
| HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 330 | ND |
| HEXACHLOROETHANE | 67-72-1 | 330 | ND |
| INDENO (1,2,3-CD) PYRENE | 193-39-5 | 330 | ND |
| ISOPHORONE | 78-59-1 | 330 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-38-12"
LAB NO: 157267
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 10:35
BATCH #: 080217S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|----------------------------|----------|-----------------|-------------|
| 2-METHYLNAPHTHALENE | 91-57-6 | 330 | ND |
| NAPHTHALENE | 91-20-3 | 330 | ND |
| 2-NITROANILINE | 88-74-4 | 1600 | ND |
| 3-NITROANILINE | 99-09-2 | 1600 | ND |
| 4-NITROANILINE | 100-01-6 | 1600 | ND |
| NITROBENZENE | 98-95-3 | 330 | ND |
| N-NITROSO-DI-N-PROPYLAMINE | 621-64-7 | 330 | ND |
| PHENANTHRENE | 85-01-8 | 330 | ND |
| PYRENE | 129-00-0 | 330 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 330 | ND |
| ACID EXTRACTABLES | | | |
| 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 660 | ND |
| 2-CHLOROPHENOL | 95-57-8 | 660 | ND |
| 2,4-DICHLOROPHENOL | 120-83-2 | 660 | ND |
| 2,4-DIMETHYLPHENOL | 105-67-9 | 660 | ND |
| 2,4-DINITROPHENOL | 51-28-5 | 1600 | ND |
| 4,6-DINITRO-2-METHYLPHENOL | 534-52-1 | 1600 | ND |
| 2-NITROPHENOL | 88-75-5 | 1600 | ND |
| 4-NITROPHENOL | 100-02-7 | 1600 | ND |
| PENTACHLOROPHENOL | 87-86-5 | 1600 | ND |
| PHENOL | 108-95-2 | 660 | ND |
| 2-METHYLPHENOL | 95-48-7 | 660 | ND |
| 4-METHYLPHENOL | 106-44-5 | 660 | ND |
| 2,4,5-TRICHLOROPHENOL | 95-95-4 | 1600 | ND |
| 2,4,6-TRICHLOROPHENOL | 88-06-2 | 1600 | ND |

| SURROGATE RECOVERY | % |
|----------------------|----|
| NITROBENZENE-D5 | 67 |
| 2-FLUOROBIPHENYL | 58 |
| P-TERPHENYL-D14 | 84 |
| PHENOL-D6 | 71 |
| 2-FLUOROPHENOL | 68 |
| 2,4,6-TRIBROMOPHENOL | 75 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY:
 DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-COMP-C
LAB NO: 157284
DATE SAMPLED: 08/09/2017
TIME SAMPLED: NA
BATCH NO: 080217S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------|------------|-----------------|-------------|
| ALPHA-BHC | 319-84-6 | 2.00 | ND |
| BETA-BHC | 319-85-7 | 2.00 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 2.00 | ND |
| HEPTACHLOR | 76-44-8 | 2.00 | ND |
| DELTA-BHC | 319-86-8 | 2.00 | ND |
| ALDRIN | 309-00-2 | 2.00 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 2.00 | ND |
| ENDOSULFAN I | 959-98-8 | 2.00 | ND |
| 4,4'-DDE | 72-55-9 | 2.00 | 12.3 |
| DIELDRIN | 60-57-1 | 2.00 | ND |
| ENDRIN | 72-20-8 | 2.00 | ND |
| 4,4'-DDD | 72-54-8 | 2.00 | 11.4 |
| ENDOSULFAN II | 33213-65-9 | 2.00 | ND |
| 4,4'-DDT | 50-29-3 | 2.00 | 25.3 |
| ENDRIN ALDEHYDE | 7421-93-4 | 2.00 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 2.00 | ND |
| METHOXYCHLOR | 72-43-5 | 2.00 | ND |
| CHLORDANE | 57-74-9 | 2.00 | 69.4 |
| TOXAPHENE | 8001-35-2 | 12.5 | ND |

| SURROGATE RECOVERY | % |
|--------------------|----|
| TCMX | 88 |
| DCBP | 80 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: *ca*
DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-39-6"
LAB NO: 157262
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 9:30
BATCH NO: 073117S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------|------------|--------------------|----------------|
| AROCLOR 1016 | 12674-11-2 | 25.0 | ND |
| AROCLOR 1221 | 11104-28-2 | 25.0 | ND |
| AROCLOR 1232 | 11141-16-5 | 25.0 | ND |
| AROCLOR 1242 | 53469-21-9 | 25.0 | ND |
| AROCLOR 1248 | 12672-29-6 | 25.0 | ND |
| AROCLOR 1254 | 11097-69-1 | 25.0 | ND |
| AROCLOR 1260 | 11096-82-5 | 25.0 | ND |

| SURROGATE RECOVERY | % |
|--------------------|-----|
| TCMX | 120 |
| DCBP | 142 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: ch
DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-40-6"
LAB NO: 157263
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 9:40
BATCH NO: 073117S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/14/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------|------------|-----------------|-------------|
| AROCLOR 1016 | 12674-11-2 | 25.0 | ND |
| AROCLOR 1221 | 11104-28-2 | 25.0 | ND |
| AROCLOR 1232 | 11141-16-5 | 25.0 | ND |
| AROCLOR 1242 | 53469-21-9 | 25.0 | ND |
| AROCLOR 1248 | 12672-29-8 | 25.0 | ND |
| AROCLOR 1254 | 11097-69-1 | 25.0 | ND |
| AROCLOR 1260 | 11096-82-5 | 25.0 | ND |

| SURROGATE RECOVERY | % |
|--------------------|-----|
| TCMX | 121 |
| DCBP | 120 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: *ch*
DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-41-6"
LAB NO: 157264
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 9:47
BATCH NO: 073117S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|----------------------|----------------|----------------------------|------------------------|
| AROCLOR 1016 | 12674-11-2 | 25.0 | ND |
| AROCLOR 1221 | 11104-28-2 | 25.0 | ND |
| AROCLOR 1232 | 11141-16-5 | 25.0 | ND |
| AROCLOR 1242 | 53469-21-9 | 25.0 | ND |
| AROCLOR 1248 | 12672-29-6 | 25.0 | ND |
| AROCLOR 1254 | 11097-89-1 | 25.0 | ND |
| AROCLOR 1260 | 11096-82-5 | 25.0 | ND |

| SURROGATE RECOVERY | % |
|---------------------------|----------|
| TCMX | 123 |
| DCBP | 124 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: cb
DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-42-6"
LAB NO: 157265
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 10:00
BATCH NO: 081017S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------|------------|-----------------|-------------|
| AROCLOR 1016 | 12674-11-2 | 25.0 | ND |
| AROCLOR 1221 | 11104-28-2 | 25.0 | ND |
| AROCLOR 1232 | 11141-16-5 | 25.0 | ND |
| AROCLOR 1242 | 53469-21-9 | 25.0 | ND |
| AROCLOR 1248 | 12672-28-6 | 25.0 | ND |
| AROCLOR 1254 | 11097-69-1 | 25.0 | ND |
| AROCLOR 1260 | 11096-82-5 | 25.0 | ND |

| SURROGATE RECOVERY | % |
|--------------------|-----|
| TCMX | 115 |
| DCBP | 114 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: _____
DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE ID: S-SB-39-6"
LAB NO: 157262
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 9:30
BATCH ID: 080917S1

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT NAME | | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|--------------|----|---------------|-----------------|-------------|
| ANTIMONY | Sb | 08/10/2017 | 2.50 | ND |
| ARSENIC | As | 08/10/2017 | 2.50 | ND |
| BARIUM | Ba | 08/10/2017 | 2.50 | 121 |
| BERYLLIUM | Be | 08/10/2017 | 2.50 | ND |
| CADMIUM | Cd | 08/10/2017 | 2.50 | ND |
| CHROMIUM | Cr | 08/10/2017 | 2.50 | 18.4 |
| COBALT | Co | 08/10/2017 | 2.50 | 7.50 |
| COPPER | Cu | 08/10/2017 | 2.50 | 8.58 |
| LEAD | Pb | 08/10/2017 | 2.50 | 30.0 |
| MERCURY | Hg | 08/10/2017 | 0.100 | ND |
| MOLYBDENUM | Mo | 08/10/2017 | 2.50 | ND |
| NICKEL | Ni | 08/10/2017 | 2.50 | 23.2 |
| SELENIUM | Se | 08/10/2017 | 2.50 | ND |
| SILVER | Ag | 08/10/2017 | 2.50 | ND |
| THALLIUM | Tl | 08/10/2017 | 2.50 | ND |
| VANADIUM | V | 08/10/2017 | 2.50 | 20.2 |
| ZINC | Zn | 08/10/2017 | 2.50 | 74.7 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: ch
DATE: 8/10/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE ID: S-SB-40-6"
LAB NO: 157263
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 9:40
BATCH ID: 080917S1

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT NAME | | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|--------------|----|---------------|-----------------|-------------|
| ANTIMONY | Sb | 08/10/2017 | 2.50 | ND |
| ARSENIC | As | 08/10/2017 | 2.50 | ND |
| BARIUM | Ba | 08/10/2017 | 2.50 | 80.8 |
| BERYLLIUM | Be | 08/10/2017 | 2.50 | ND |
| CADMIUM | Cd | 08/10/2017 | 2.50 | ND |
| CHROMIUM | Cr | 08/10/2017 | 2.50 | 17.1 |
| COBALT | Co | 08/10/2017 | 2.50 | 6.64 |
| COPPER | Cu | 08/10/2017 | 2.50 | 7.58 |
| LEAD | Pb | 08/10/2017 | 2.50 | 21.0 |
| MERCURY | Hg | 08/10/2017 | 0.100 | ND |
| MOLYBDENUM | Mo | 08/10/2017 | 2.50 | ND |
| NICKEL | Ni | 08/10/2017 | 2.50 | 20.9 |
| SELENIUM | Se | 08/10/2017 | 2.50 | ND |
| SILVER | Ag | 08/10/2017 | 2.50 | ND |
| THALLIUM | Tl | 08/10/2017 | 2.50 | ND |
| VANADIUM | V | 08/10/2017 | 2.50 | 20.3 |
| ZINC | Zn | 08/10/2017 | 2.50 | 81.8 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: ch
DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE ID: S-SB-41-8"
LAB NO: 157264
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 9:47
BATCH ID: 080917S1

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT NAME | | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|-----------------|----|------------------|--------------------|----------------|
| ANTIMONY | Sb | 08/10/2017 | 2.50 | ND |
| ARSENIC | As | 08/10/2017 | 2.50 | ND |
| BARIUM | Ba | 08/10/2017 | 2.50 | 91.8 |
| BERYLLIUM | Be | 08/10/2017 | 2.50 | ND |
| CADMIUM | Cd | 08/10/2017 | 2.50 | ND |
| CHROMIUM | Cr | 08/10/2017 | 2.50 | 20.0 |
| COBALT | Co | 08/10/2017 | 2.50 | 7.77 |
| COPPER | Cu | 08/10/2017 | 2.50 | 9.17 |
| LEAD | Pb | 08/10/2017 | 2.50 | 8.25 |
| MERCURY | Hg | 08/10/2017 | 0.100 | ND |
| MOLYBDENUM | Mo | 08/10/2017 | 2.50 | ND |
| NICKEL | Ni | 08/10/2017 | 2.50 | 24.2 |
| SELENIUM | Se | 08/10/2017 | 2.50 | ND |
| SILVER | Ag | 08/10/2017 | 2.50 | ND |
| THALLIUM | Tl | 08/10/2017 | 2.50 | ND |
| VANADIUM | V | 08/10/2017 | 2.50 | 19.5 |
| ZINC | Zn | 08/10/2017 | 2.50 | 54.2 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: ch
DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE ID: S-SB-42-6"
LAB NO: 157265
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 10:00
BATCH ID: 080917S1

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT NAME | | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|--------------|----|---------------|-----------------|-------------|
| ANTIMONY | Sb | 08/10/2017 | 2.50 | ND |
| ARSENIC | As | 08/10/2017 | 2.50 | ND |
| BARIUM | Ba | 08/10/2017 | 2.50 | 93.3 |
| BERYLLIUM | Be | 08/10/2017 | 2.50 | ND |
| CADMIUM | Cd | 08/10/2017 | 2.50 | ND |
| CHROMIUM | Cr | 08/10/2017 | 2.50 | 16.6 |
| COBALT | Co | 08/10/2017 | 2.50 | 5.13 |
| COPPER | Cu | 08/10/2017 | 2.50 | 6.92 |
| LEAD | Pb | 08/10/2017 | 2.50 | 19.3 |
| MERCURY | Hg | 08/10/2017 | 0.100 | ND |
| MOLYBDENUM | Mo | 08/10/2017 | 2.50 | ND |
| NICKEL | Ni | 08/10/2017 | 2.50 | 19.4 |
| SELENIUM | Se | 08/10/2017 | 2.50 | ND |
| SILVER | Ag | 08/10/2017 | 2.50 | ND |
| THALLIUM | Tl | 08/10/2017 | 2.50 | ND |
| VANADIUM | V | 08/10/2017 | 2.50 | 20.1 |
| ZINC | Zn | 08/10/2017 | 2.50 | 51.2 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: ch
DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

METHOD: TOTAL ARSENIC
REFERENCE: EPA 3050B/6020A

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE TYPE: SOIL
UNITS: mg/kg

| SAMPLE ID | LAB ID | BATCH # | DATE SAMPLED | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|-----------|--------|----------|--------------|---------------|-----------------|-------------|
| S-SB-1-6" | 157268 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 8.75 |
| S-SB-2-6" | 157269 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 7.05 |
| S-SB-3-6" | 157270 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 38.4 |
| S-SB-4-6" | 157271 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 9.49 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: *ck*

DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

METHOD: TOTAL LEAD
REFERENCE: EPA 3050B/6020A

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE TYPE: SOIL
UNITS: mg/kg

| SAMPLE ID | LAB ID | BATCH # | DATE SAMPLED | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|-------------|--------|----------|--------------|---------------|-----------------|-------------|
| S-SB-37-6" | 157266 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 4640 |
| S-SB-38-12" | 157267 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 42.5 |
| S-SB-1-6" | 157268 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 727 |
| S-SB-2-6" | 157269 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 140 |
| S-SB-3-6" | 157270 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 228 |
| S-SB-4-6" | 157271 | 081017S1 | 08/09/2017 | 08/11/2017 | 2.50 | 101 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: *ch*

DATE: 8/16/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 200.8

SAMPLE ID: EQUIPMENT BLANK-2
LAB NO: 157272
DATE SAMPLED: 08/09/2017
TIME SAMPLED: 11:25
BATCH ID: 080717W1

SAMPLE TYPE: WATER
UNITS: ug/L

| ELEMENT NAME | | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|-------------------------|----|--------------------------|----------------------------|------------------------|
| ARSENIC | As | 08/11/2017 | 1.00 | ND |
| LEAD | Pb | 08/11/2017 | 1.00 | ND |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: ch
DATE: 8/16/2017

K PRIME, INC.
LABORATORY QC REPORT

METHOD BLANK ID: B081417S1
BATCH NO: 081417S1
SAMPLE TYPE: SOIL
UNITS: mg/Kg

METHOD: GRO-GASOLINE RANGE ORGANICS
REFERENCE: EPA 8015B

DATE EXTRACTED: 08/14/2017
DATE ANALYZED: 08/14/2017

| COMPOUND NAME | REPORTING LIMIT | SAMPLE CONC |
|---------------|-----------------|-------------|
| TPH-G | 1.00 | ND |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT AVAILABLE OR APPLICABLE

SAMPLE ID: L081417S1
DUPLICATE ID: D081417S1
BATCH NO: 081417S1
SAMPLE TYPE: SOIL
UNITS: mg/Kg

DATE EXTRACTED: 08/14/2017
DATE ANALYZED: 08/14/2017

ACCURACY (MATRIX SPIKE)

| COMPOUND NAME | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|---------------|-------------|---------------|--------------|--------------|------------|
| TPH-G | 5.00 | ND | 5.32 | 106 | 60-140 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|---------------|-----------------|--------------|------------------|---------|------------|
| TPH-G | 1.00 | 5.32 | 5.31 | 0.1 | ±20 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.

LABORATORY BATCH QC REPORT

METHOD BLANK ID: B081017S1

BATCH NO: 081017S1

DATE ANALYZED: 08/10/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------------|------------|--------------------|----------------|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 1.50 | ND |
| CHLOROMETHANE | 74-87-3 | 1.50 | ND |
| VINYL CHLORIDE | 75-01-4 | 1.50 | ND |
| BROMOMETHANE | 74-83-9 | 1.50 | ND |
| CHLOROETHANE | 75-00-3 | 1.50 | ND |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 1.50 | ND |
| 1,1-DICHLOROETHENE | 75-35-4 | 1.50 | ND |
| TRICHLOROTRIFLUOROETHANE | 76-13-1 | 1.50 | ND |
| METHYLENE CHLORIDE | 75-09-2 | 7.50 | ND |
| TRANS-1,2-DICHLOROETHENE | 156-60-5 | 1.50 | ND |
| 1,1-DICHLOROETHANE | 75-34-3 | 1.50 | ND |
| CIS-1,2-DICHLOROETHENE | 156-59-2 | 1.50 | ND |
| 2,2-DICHLOROPROPANE | 594-20-7 | 1.50 | ND |
| BROMOCHLOROMETHANE | 74-97-5 | 1.50 | ND |
| CHLOROFORM | 67-66-3 | 1.50 | ND |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 1.50 | ND |
| CARBON TETRACHLORIDE | 56-23-5 | 1.50 | ND |
| 1,1-DICHLOROPROPENE | 563-58-6 | 1.50 | ND |
| BENZENE | 71-43-2 | 1.50 | ND |
| 1,2-DICHLOROETHANE | 107-06-2 | 1.50 | ND |
| TRICHLOROETHENE | 79-01-8 | 1.50 | ND |
| 1,2-DICHLOROPROPANE | 78-87-5 | 1.50 | ND |
| DIBROMOMETHANE | 74-95-3 | 1.50 | ND |
| BROMODICHLOROMETHANE | 75-27-4 | 1.50 | ND |
| TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | 1.50 | ND |
| TOLUENE | 108-88-3 | 1.50 | ND |
| CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 1.50 | ND |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 1.50 | ND |
| TETRACHLOROETHENE | 127-18-4 | 1.50 | ND |
| 1,3-DICHLOROPROPANE | 142-28-9 | 1.50 | ND |
| DIBROMOCHLOROMETHANE | 124-48-1 | 1.50 | ND |
| 1,2-DIBROMOETHANE | 106-93-4 | 1.50 | ND |
| CHLOROBENZENE | 108-90-7 | 1.50 | ND |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 1.50 | ND |
| ETHYLBENZENE | 100-41-4 | 1.50 | ND |
| XYLENE (M+P) | 1330-20-7 | 1.50 | ND |
| XYLENE (O) | 1330-20-7 | 1.50 | ND |
| STYRENE | 100-42-5 | 1.50 | ND |
| BROMOFORM | 75-25-2 | 1.50 | ND |
| ISOPROPYLBENZENE | 98-82-8 | 1.50 | ND |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 1.50 | ND |
| BROMOBENZENE | 108-86-1 | 1.50 | ND |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 1.50 | ND |
| N-PROPYLBENZENE | 103-65-1 | 1.50 | ND |
| 2-CHLOROTOLUENE | 95-49-8 | 1.50 | ND |

K PRIME, INC.
LABORATORY BATCH QC REPORT

METHOD BLANK ID: B081017S1
BATCH NO: 081017S1
DATE ANALYZED: 08/10/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-----------------------------|----------|--------------------|----------------|
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 1.50 | ND |
| 4-CHLOROTOLUENE | 106-43-4 | 1.50 | ND |
| TERT-BUTYLBENZENE | 98-06-6 | 1.50 | ND |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 1.50 | ND |
| SEC-BUTYLBENZENE | 135-98-8 | 1.50 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 1.50 | ND |
| 4-ISOPROPYLTOLUENE | 99-87-6 | 1.50 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 1.50 | ND |
| N-BUTYLBENZENE | 104-51-8 | 1.50 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 1.50 | ND |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 1.50 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 3.00 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 3.00 | ND |
| NAPHTHALENE | 91-20-3 | 3.00 | ND |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 3.00 | ND |

| SURROGATE RECOVERY | % |
|----------------------|-----|
| DIBROMOFLUOROMETHANE | 124 |
| TOLUENE-D8 | 109 |
| 4-BROMOFLUOROBENZENE | 87 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA -NOT APPLICABLE OR AVAILABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: B081017S1
SPIKE ID: L081017S1
DUPLICATE ID: D081017S1
BATCH NO: 081017S1
DATE ANALYZED: 08/10/2017
SAMPLE TYPE: SOIL
UNITS: µg/Kg

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

ACCURACY (MATRIX SPIKE)

| COMPOUND NAME | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|--------------------|----------------|------------------|-----------------|-----------------|---------------|
| 1,1 DICHLOROETHENE | 30.0 | ND | 20.1 | 67 | 60-140 |
| BENZENE | 30.0 | ND | 25.6 | 85 | 60-140 |
| TRICHLOROETHENE | 30.0 | ND | 25.9 | 86 | 60-140 |
| TOLUENE | 30.0 | ND | 25.1 | 84 | 60-140 |
| CHLOROBENZENE | 30.0 | ND | 24.8 | 83 | 60-140 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|--------------------|--------------------|-----------------|---------------------|------------|---------------|
| 1,1 DICHLOROETHENE | 1.50 | 20.1 | 21.6 | 7.0 | ±20 |
| BENZENE | 1.50 | 25.6 | 26.8 | 4.5 | ±20 |
| TRICHLOROETHENE | 1.50 | 25.9 | 26.7 | 3.0 | ±20 |
| TOLUENE | 1.50 | 25.1 | 25.7 | 2.4 | ±20 |
| CHLOROBENZENE | 1.50 | 24.8 | 25.2 | 1.5 | ±20 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

K PRIME, INC.
LABORATORY QUALITY CONTROL REPORT

BATCH ID: 080917S1
DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/09/2017

METHOD: DRO
REFERENCE: EPA 8015B

SAMPLE TYPE: SOIL
UNITS: mg/Kg

METHOD BLANK ID: B080917S1

| COMPOUND NAME | REPORTING LIMIT | SAMPLE CONC |
|---------------|-----------------|-------------|
| DRO | 10.0 | ND |

SAMPLE ID: L080917S1
DUPLICATE ID: D080917S1

ACCURACY (MATRIX SPIKE)

| PARAMETER | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|-----------|-------------|---------------|--------------|--------------|------------|
| DRO | 500 | ND | 482 | 96 | 60-140 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|---------------|-----------------|--------------|------------------|---------|------------|
| DRO | 10.0 | 482 | 484 | 0.4 | ±20 |

NOTES:

DRO - DIESEL RANGE ORGANICS (C12-C34)
 ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT APPLICABLE OR AVAILABLE

K PRIME, INC.
LABORATORY QC REPORT

METHOD BLANK ID: B080217S1
 BATCH #: 080217S1
 DATE EXTRACTED: 08/02/2017
 DATE ANALYZED: 08/02/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
 REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
 UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-------------------------------|-----------|--------------------|----------------|
| ACENAPHTHENE | 83-32-9 | 330 | ND |
| ACENAPHTHYLENE | 208-96-8 | 330 | ND |
| ANTHRACENE | 120-12-7 | 330 | ND |
| BENZO (A) ANTHRACENE | 56-55-3 | 330 | ND |
| BENZO (B) FLUORANTHENE | 205-99-2 | 330 | ND |
| BENZO (K) FLUORANTHENE | 207-08-8 | 330 | ND |
| BENZO (A) PYRENE | 50-32-8 | 330 | ND |
| BENZO (G,H,I) PERYLENE | 191-24-2 | 330 | ND |
| BENZYL ALCOHOL | 100-51-6 | 330 | ND |
| BUTYL BENZYL PHTHALATE | 85-68-7 | 330 | ND |
| BIS (2-CHLOROETHYL) ETHER | 111-44-4 | 330 | ND |
| BIS (2-CHLOROETHOXY) METHANE | 111-91-1 | 330 | ND |
| BIS (2-CHLOROISOPROPYL) ETHER | 108-60-1 | 330 | ND |
| BIS (2-ETHYLHEXYL) PHTHALATE | 117-81-7 | 330 | ND |
| 4-BROMOPHENYL PHENYL ETHER | 101-55-3 | 330 | ND |
| 4-CHLOROANILINE | 106-47-8 | 330 | ND |
| 2-CHLORONAPHTHALENE | 91-58-7 | 330 | ND |
| 4-CHLOROPHENYL PHENYL ETHER | 7005-72-3 | 330 | ND |
| CHRYSENE | 218-01-9 | 330 | ND |
| DIBENZO (A,H) ANTHRACENE | 53-70-3 | 330 | ND |
| DIBENZOFURAN | 132-64-9 | 330 | ND |
| DI-N-BUTYLPHTHALATE | 84-74-2 | 330 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 330 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 330 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 330 | ND |
| 3,3'-DICHLOROBENZIDINE | 91-94-1 | 660 | ND |
| DIETHYLPHTHALATE | 84-66-2 | 330 | ND |
| DIMETHYL PHTHALATE | 131-11-3 | 330 | ND |
| 2,4-DINITROTOLUENE | 121-14-2 | 330 | ND |
| 2,6-DINITROTOLUENE | 606-20-2 | 330 | ND |
| DI-N-OCTYL PHTHALATE | 117-84-0 | 330 | ND |
| DIPHENYLAMINE | 122-39-4 | 330 | ND |
| FLUORANTHENE | 206-44-0 | 330 | ND |
| FLUORENE | 86-73-7 | 330 | ND |
| HEXACHLOROBENZENE | 118-74-1 | 330 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 330 | ND |
| HEXACHLOROCYCLOPENTADIENE | 77-47-4 | 330 | ND |
| HEXACHLOROETHANE | 67-72-1 | 330 | ND |
| INDENO (1,2,3-CD) PYRENE | 193-39-5 | 330 | ND |
| ISOPHORONE | 78-59-1 | 330 | ND |

K PRIME, INC.
LABORATORY QC REPORT

METHOD BLANK ID: B080217S1
 BATCH #: 080217S1
 DATE EXTRACTED: 08/02/2017
 DATE ANALYZED: 08/02/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
 REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
 UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|----------------------------|----------|--------------------|----------------|
| 2-METHYLNAPHTHALENE | 91-57-6 | 330 | ND |
| NAPHTHALENE | 91-20-3 | 330 | ND |
| 2-NITROANILINE | 88-74-4 | 1600 | ND |
| 3-NITROANILINE | 99-09-2 | 1600 | ND |
| 4-NITROANILINE | 100-01-6 | 1600 | ND |
| NITROBENZENE | 98-95-3 | 330 | ND |
| N-NITROSO-DI-N-PROPYLAMINE | 621-64-7 | 330 | ND |
| PHENANTHRENE | 85-01-8 | 330 | ND |
| PYRENE | 129-00-0 | 330 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 330 | ND |

ACID EXTRACTABLES

| | | | |
|----------------------------|----------|------|----|
| 4-CHLORO-3-METHYLPHENOL | 59-50-7 | 660 | ND |
| 2-CHLOROPHENOL | 95-57-8 | 660 | ND |
| 2,4-DICHLOROPHENOL | 120-83-2 | 660 | ND |
| 2,4-DIMETHYLPHENOL | 105-67-9 | 660 | ND |
| 2,4-DINITROPHENOL | 51-28-5 | 1600 | ND |
| 4,6-DINITRO-2-METHYLPHENOL | 534-52-1 | 1600 | ND |
| 2-NITROPHENOL | 88-75-5 | 1600 | ND |
| 4-NITROPHENOL | 100-02-7 | 1600 | ND |
| PENTACHLOROPHENOL | 87-86-5 | 1600 | ND |
| PHENOL | 108-95-2 | 660 | ND |
| 2-METHYLPHENOL | 95-48-7 | 660 | ND |
| 4-METHYLPHENOL | 106-44-5 | 660 | ND |
| 2,4,5-TRICHLOROPHENOL | 95-95-4 | 1600 | ND |
| 2,4,6-TRICHLOROPHENOL | 88-06-2 | 1600 | ND |

| SURROGATE RECOVERY | % |
|----------------------|-----|
| NITROBENZENE-D5 | 89 |
| 2-FLUOROBIPHENYL | 77 |
| P-TERPHENYL-D14 | 88 |
| PHENOL-D8 | 102 |
| 2-FLUOROPHENOL | 109 |
| 2,4,6-TRIBROMOPHENOL | 75 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT APPLICABLE OR AVAILABLE

K PRIME, INC.
LABORATORY QC REPORT

SAMPLE ID: L080217S1
DUPLICATE ID: D080217S1
BATCH #: 080217S1
DATE EXTRACTED: 08/02/2017
DATE ANALYZED: 08/02/2017

METHOD: SEMIVOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 3550/8270

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

| PARAMETER | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|-------------------------|----------------|------------------|-----------------|-----------------|---------------|
| ACENAPHTHENE | 5000 | ND | 3920 | 78 | 20-140 |
| 1,4-DICHLOROBENZENE | 5000 | ND | 4280 | 86 | 10-140 |
| 2,4-DINITROTOLUENE | 5000 | ND | 3750 | 75 | 20-120 |
| PYRENE | 5000 | ND | 4640 | 93 | 30-160 |
| 1,2,4-TRICHLOROBENZENE | 5000 | ND | 4100 | 82 | 20-140 |
| 4-CHLORO-3-METHYLPHENOL | 10000 | ND | 9440 | 94 | 20-140 |
| 2-CHLOROPHENOL | 10000 | ND | 8560 | 86 | 20-140 |
| 4-NITROPHENOL | 10000 | ND | 6600 | 66 | D-130 |
| PENTACHLOROPHENOL | 10000 | ND | 8140 | 81 | D-130 |
| PHENOL | 10000 | ND | 9090 | 91 | D-150 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|-------------------------|--------------------|-----------------|---------------------|------------|---------------|
| ACENAPHTHENE | 330 | 3920 | 4380 | 11.1 | ±20 |
| 1,4-DICHLOROBENZENE | 330 | 4280 | 4570 | 6.6 | ±20 |
| 2,4-DINITROTOLUENE | 330 | 3750 | 4150 | 10.1 | ±20 |
| PYRENE | 330 | 4640 | 5140 | 10.2 | ±20 |
| 1,2,4-TRICHLOROBENZENE | 330 | 4100 | 4560 | 10.6 | ±20 |
| 4-CHLORO-3-METHYLPHENOL | 330 | 9440 | 9110 | 3.6 | ±20 |
| 2-CHLOROPHENOL | 660 | 8560 | 8710 | 1.7 | ±20 |
| 4-NITROPHENOL | 1600 | 6600 | 6900 | 4.4 | ±20 |
| PENTACHLOROPHENOL | 1600 | 8140 | 8710 | 6.8 | ±20 |
| PHENOL | 660 | 9090 | 9210 | 1.3 | ±20 |

NOTES:

ND = NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
D = DETECTED

K PRIME, INC.
LABORATORY BATCH QC REPORT

METHOD BLANK ID: B080217S1
BATCH NO: 080217S1
DATE EXTRACTED: 08/02/2017
DATE ANALYZED: 08/03/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|----------------------|----------------|----------------------------|------------------------|
| ALPHA-BHC | 319-84-6 | 2.00 | ND |
| BETA-BHC | 319-85-7 | 2.00 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 2.00 | ND |
| HEPTACHLOR | 76-44-8 | 2.00 | ND |
| DELTA-BHC | 319-86-8 | 2.00 | ND |
| ALDRIN | 309-00-2 | 2.00 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 2.00 | ND |
| ENDOSULFAN I | 959-98-8 | 2.00 | ND |
| 4,4'-DDE | 72-55-9 | 2.00 | ND |
| DIELDRIN | 60-57-1 | 2.00 | ND |
| ENDRIN | 72-20-8 | 2.00 | ND |
| 4,4'-DDD | 72-54-8 | 2.00 | ND |
| ENDOSULFAN II | 33213-65-9 | 2.00 | ND |
| 4,4'-DDT | 50-29-3 | 2.00 | ND |
| ENDRIN ALDEHYDE | 7421-93-4 | 2.00 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 2.00 | ND |
| METHOXYCHLOR | 72-43-5 | 2.00 | ND |
| CHLORDANE | 57-74-9 | 2.00 | ND |
| TOXAPHENE | 8001-35-2 | 12.5 | ND |

| SURROGATE RECOVERY | % |
|---------------------------|----------|
| TCMX | 77 |
| DCBP | 77 |

NOTES:

ND - NOT DETECTED ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: B080217S1
SPIKE ID: L080217S1
DUPLICATE ID: D080217S1
BATCH NO: 080217S1
DATE EXTRACTED: 08/02/2017
DATE ANALYZED: 08/03/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

| COMPOUND NAME | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|---------------------|----------------|------------------|-----------------|-----------------|---------------|
| GAMMA-BHC (LINDANE) | 125 | ND | 103 | 83 | 50-150 |
| HEPTACHLOR | 125 | ND | 99.9 | 80 | 50-150 |
| ALDRIN | 125 | ND | 103 | 82 | 50-150 |
| DIELDRIN | 125 | ND | 102 | 81 | 50-150 |
| ENDRIN | 125 | ND | 99.3 | 79 | 50-150 |
| DDT | 125 | ND | 115 | 92 | 50-150 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|---------------------|--------------------|-----------------|---------------------|------------|---------------|
| GAMMA-BHC (LINDANE) | 2.00 | 103 | 112 | 7.9 | ±40 |
| HEPTACHLOR | 2.00 | 99.9 | 112 | 11.3 | ±40 |
| ALDRIN | 2.00 | 103 | 114 | 10.6 | ±40 |
| DIELDRIN | 2.00 | 102 | 114 | 11.4 | ±40 |
| ENDRIN | 2.00 | 99.3 | 114 | 13.9 | ±40 |
| DDT | 2.00 | 115 | 138 | 18.6 | ±40 |

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

METHOD BLANK ID: B073117S1
BATCH NO: 073117S1
DATE EXTRACTED: 07/31/2017
DATE ANALYZED: 07/31/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|----------------------|----------------|----------------------------|------------------------|
| AROCLOR 1016 | 12674-11-2 | 25.0 | ND |
| AROCLOR 1221 | 11104-28-2 | 25.0 | ND |
| AROCLOR 1232 | 11141-16-5 | 25.0 | ND |
| AROCLOR 1242 | 53469-21-9 | 25.0 | ND |
| AROCLOR 1248 | 12672-29-6 | 25.0 | ND |
| AROCLOR 1254 | 11097-69-1 | 25.0 | ND |
| AROCLOR 1260 | 11096-82-5 | 25.0 | ND |

| SURROGATE RECOVERY | % |
|---------------------------|----------|
| TCMX | 90 |
| DCBP | 72 |

NOTES:

ND - NOT DETECTED ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: B073117S1
SPIKE ID: L073117S1
DUPLICATE ID: D073117S1
BATCH NO: 073117S1
DATE EXTRACTED: 07/31/2017
DATE ANALYZED: 07/31/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

| COMPOUND NAME | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|---------------|----------------|------------------|-----------------|-----------------|---------------|
| AROCLOR 1260 | 625 | ND | 487 | 78 | 60-140 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|---------------|--------------------|-----------------|---------------------|------------|---------------|
| AROCLOR 1260 | 25.0 | 487 | 458 | 6.4 | ±20 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

METHOD BLANK ID: B081017S1
BATCH NO: 081017S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|----------------------|----------------|----------------------------|------------------------|
| AROCLOR 1016 | 12674-11-2 | 25.0 | ND |
| AROCLOR 1221 | 11104-28-2 | 25.0 | ND |
| AROCLOR 1232 | 11141-16-5 | 25.0 | ND |
| AROCLOR 1242 | 53469-21-9 | 25.0 | ND |
| AROCLOR 1248 | 12672-29-6 | 25.0 | ND |
| AROCLOR 1254 | 11097-69-1 | 25.0 | ND |
| AROCLOR 1260 | 11096-82-5 | 25.0 | ND |

| SURROGATE RECOVERY | % |
|---------------------------|----------|
| TCMX | 139 |
| DCBP | 132 |

NOTES:
ND - NOT DETECTED ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: B081017S1
SPIKE ID: L081017S1
DUPLICATE ID: D081017S1
BATCH NO: 081017S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

| COMPOUND NAME | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|---------------|----------------|------------------|-----------------|-----------------|---------------|
| AROCLOR 1260 | 625 | ND | 587 | 94 | 60-140 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|---------------|--------------------|-----------------|---------------------|------------|---------------|
| AROCLOR 1260 | 25.0 | 587 | 587 | 1.7 | ±20 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: 157265
SPIKE ID: MS-157265
DUPLICATE ID: MSD-157265
BATCH NO: 081017S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

| COMPOUND NAME | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|---------------|----------------|------------------|-----------------|-----------------|---------------|
| AROCLOR 1260 | 625 | ND | 580 | 93 | 60-140 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|---------------|--------------------|-----------------|---------------------|------------|---------------|
| AROCLOR 1260 | 25.0 | 580 | 597 | 2.9 | ±20 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: L080917S1
DUPLICATE ID: D080917S1
METHOD BLANK ID: B080917S1
BATCH #: 080917S1
DATE ANALYZED: 08/10/2017

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT | | MB mg/kg | SA mg/kg | SR mg/kg | SP mg/kg | SPD mg/kg | SP %R | RPD % |
|------------|----|-------------|-------------|-------------|-------------|--------------|----------|----------|
| ANTIMONY | Sb | <2.50 | 25.0 | 0.0 | 24.2 | 24.3 | 97 | 0.5 |
| ARSENIC | As | <2.50 | 25.0 | 0.0 | 22.6 | 22.6 | 90 | 0.0 |
| BARIUM | Ba | <2.50 | 25.0 | 0.0 | 24.3 | 24.3 | 97 | 0.2 |
| BERYLLIUM | Be | <2.50 | 25.0 | 0.0 | 21.0 | 20.7 | 84 | 1.2 |
| CADMIUM | Cd | <2.50 | 25.0 | 0.0 | 23.9 | 24.1 | 96 | 0.7 |
| CHROMIUM | Cr | <2.50 | 25.0 | 0.0 | 23.2 | 23.0 | 93 | 0.7 |
| COBALT | Co | <2.50 | 25.0 | 0.0 | 22.5 | 22.4 | 90 | 0.5 |
| COPPER | Cu | <2.50 | 25.0 | 0.0 | 22.6 | 22.8 | 91 | 0.8 |
| LEAD | Pb | <2.50 | 25.0 | 0.0 | 25.5 | 25.9 | 102 | 1.6 |
| MERCURY | Hg | <0.100 | 1.00 | 0.0 | 0.982 | 0.985 | 98 | 0.3 |
| MOLYBDENUM | Mo | <2.50 | 25.0 | 0.0 | 24.0 | 23.9 | 96 | 0.4 |
| NICKEL | Ni | <2.50 | 25.0 | 0.0 | 23.0 | 23.0 | 92 | 0.1 |
| SELENIUM | Se | <2.50 | 25.0 | 0.0 | 22.6 | 22.4 | 90 | 0.6 |
| SILVER | Ag | <2.50 | 12.5 | 0.0 | 11.6 | 11.9 | 93 | 2.6 |
| THALLIUM | Tl | <2.50 | 25.0 | 0.0 | 25.2 | 25.7 | 101 | 2.2 |
| VANADIUM | V | <2.50 | 25.0 | 0.0 | 22.8 | 22.9 | 91 | 0.0 |
| ZINC | Zn | <2.50 | 25.0 | 0.0 | 22.9 | 22.0 | 92 | 3.9 |

NOTES:

ND: NOT DETECTED
 MB: METHOD BLANK
 SA: SPIKE ADDED
 SR: SAMPLE RESULT
 SP: SPIKE RESULT
 SPD: SPIKE DUPLICATE RESULT
 SP(%R): SPIKE % RECOVERY
 RPD: RELATIVE PERCENT DIFFERENCE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: L081017S1
DUPLICATE ID: D081017S1
METHOD BLANK ID: B081017S1
BATCH #: 081017S1
DATE ANALYZED: 08/11/2017

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT | | MB mg/kg | SA mg/kg | SR mg/kg | SP mg/kg | SPD mg/kg | SP %R | RPD % |
|----------------|----|--------------------|--------------------|--------------------|--------------------|---------------------|-----------------|-----------------|
| ARSENIC | As | <2.50 | 25.0 | 0.0 | 24.8 | 24.7 | 99 | 0.4 |
| LEAD | Pb | <2.50 | 25.0 | 0.0 | 25.8 | 25.8 | 103 | 0.1 |

NOTES:

ND: NOT DETECTED

MB: METHOD BLANK

SA: SPIKE ADDED

SR: SAMPLE RESULT

SP: SPIKE RESULT

SPD: SPIKE DUPLICATE RESULT

SP(%R): SPIKE % RECOVERY

RPD: RELATIVE PERCENT DIFFERENCE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: MS157268
DUPLICATE ID: SD157268
METHOD BLANK ID: B081017S1
BATCH #: 081017S1
DATE ANALYZED: 08/11/2017

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT | | MB mg/kg | SA mg/kg | SR mg/kg | SP mg/kg | SPD mg/kg | SP %R | RPD % |
|---------|----|-------------|-------------|-------------|-------------|--------------|----------|----------|
| ARSENIC | As | <2.50 | 25.0 | 8.75 | 31.2 | 30.9 | 90 | 0.9 |
| LEAD | Pb | <2.50 | 25.0 | 727 | 650 | 655 | NC | 0.8 |

NOTES:

ND: NOT DETECTED
MB: METHOD BLANK
SA: SPIKE ADDED
SR: SAMPLE RESULT
SP: SPIKE RESULT
SPD: SPIKE DUPLICATE RESULT
SP(%R): SPIKE % RECOVERY
RPD: RELATIVE PERCENT DIFFERENCE
NC: NOT CALCULATED DUE TO RELATIVE CONCENTRATIONS

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: L080717W1
DUPLICATE ID: D080717W1
METHOD BLANK ID: B081017W1
BATCH #: 080717W1
DATE ANALYZED: 08/11/2017

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 200.8

SAMPLE TYPE: WATER
UNITS: ug/L

| ELEMENT | | MB ug/L | SA ug/L | SR ug/L | SP ug/L | SPD ug/L | SP %R | RPD % |
|----------------|----|-------------------|-------------------|-------------------|-------------------|--------------------|-----------------|-----------------|
| ARSENIC | As | <1.00 | 125 | 0.0 | 116 | 117 | 93 | 1.2 |
| LEAD | Pb | <1.00 | 125 | 0.0 | 129 | 129 | 103 | 0.5 |

NOTES:

ND: NOT DETECTED

MB: METHOD BLANK

SA: SPIKE ADDED

SR: SAMPLE RESULT

SP: SPIKE RESULT

SPD: SPIKE DUPLICATE RESULT

SP(%R): SPIKE % RECOVERY

RPD: RELATIVE PERCENT DIFFERENCE

K PRIME, INC.

CHAIN OF CUSTODY RECORD

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd., Santa Rosa, CA 95403

PHONE: (707) 527-7574

FAX: (707) 527-7879

| Client/Project ID EBA Engineering Project Location Sonoma Developmental Center Contact M. Earnshaw/M. Kruza | Address/Phone 825 Sonoma Ave., Santa Rosa, CA 707-544-0784 | Client Project No. 17-2382 | ANALYSES | | | | | | | | | | KPI Project No. | | | |
|--|--|-------------------------------|-----------|----------------|----------------|--------------------------|---------|----------------------|----------------|-------------|-------------|-------|-----------------|----|--------------------------|-----------------|
| | | | Global ID | EDF | Log Code | Expected Turnaround Time | Remarks | TH122(CM17) | Pb | OCP | As | 5-Day | | | | |
| Sample Identification No. | Date | Sampler (Signature) | Time | Lab Sample No. | Type of Sample | No. of Containers | Geo | DRO/HRO (report sep) | MX (9269/5085) | PCB (8270C) | TH122(CM17) | Pb | OCP | As | Expected Turnaround Time | Remarks |
| S-SB-39-6" | 8/9/17 | M. Kruza | 9:30 | 157262 | Soil | 1 | X | X | X | X | X | X | X | X | 5-Day | S-Comp-C= |
| S-SB-40-6" | 8/9/17 | M. Kruza | 9:40 | 157263 | Soil | 1 | X | X | X | X | X | X | X | X | | camp at SB-1 |
| S-SB-41-6" | 8/9/17 | M. Kruza | 9:47 | 157264 | Soil | 1 | X | X | X | X | X | X | X | X | | thru SB-4 (ACP) |
| S-SB-42-6" | 8/9/17 | M. Kruza | 10:00 | 157265 | Soil | 1 | X | X | X | X | X | X | X | X | | |
| S-SB-37-6" | 8/9/17 | M. Kruza | 10:15 | 157266 | Soil | 1 | X | X | X | X | X | X | X | X | | |
| S-SB-38-6" | 8/9/17 | M. Kruza | 10:35 | 157267 | Soil | 1 | X | X | X | X | X | X | X | X | | |
| S-SB-1-6" | 8/9/17 | M. Kruza | 11:55 | 157268 | Soil | 1 | X | X | X | X | X | X | X | X | | |
| S-SB-2-6" | 8/9/17 | M. Kruza | 11:43 | 157269 | Soil | 1 | X | X | X | X | X | X | X | X | | |
| S-SB-3-6" | 8/9/17 | M. Kruza | 11:33 | 157270 | Soil | 1 | X | X | X | X | X | X | X | X | | |
| S-SB-4-6" | 8/9/17 | M. Kruza | 11:30 | 157271 | Soil | 1 | X | X | X | X | X | X | X | X | | |
| Equipment Blank-2 | 8/9/17 | M. Kruza | 11:25 | 157272 | Water | 2 | | | | | | | | | | |
| Relinquished by: (Signature) | Received by: (Signature) | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) | Received by: (Signature) | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) | Received by: (Signature) | | | | | | | | | | | | | | | |
| Disposal Method | | | | | | | | | | | | | | | | |
| Disposed by: (Signature) | Date | Time | | | | | | | | | | | | | | |

White Copy : Accompanies Samples
Yellow Copy : Sampler

K PRIME, INC.

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd., Santa Rosa, CA 95403

PHONE: (707) 527-7574

FAX: (707) 527-7879

CHAIN OF CUSTODY RECORD

| Client/Project ID | | Address/Phone | | KPI Project No. | | | |
|------------------------------|--------|---------------------|----------------|--------------------------|-------------------|--------------------------|-----------------|
| EDA Engineering | | 825 Sonoma Ave. | | 9986 | | | |
| Project Location | | Client Project No. | | EDF Log Code: | | | |
| Sonoma Developmental | | 17-2382 | | no EDF | | | |
| Contact | | Sampler (Signature) | | Global ID | | | |
| M. Enshon/M. Krusic | | | | | | | |
| Sample Identification No. | Date | Time | Lab Sample No. | Type of Sample | No. of Containers | Expected Turnaround Time | Remarks |
| S-Comp-C | 8/9/17 | | 157284 | Soil | X | 5 day | Comp: 157268-71 |
| Relinquished by: (Signature) | | Lab Composite | | Received by: (Signature) | | Date | Time |
| | | | | [Signature] | | 8/9/17 | 1718 |
| Relinquished by: (Signature) | | | | Received by: (Signature) | | Date | Time |
| | | | | | | | |
| Relinquished by: (Signature) | | | | Received by: (Signature) | | Date | Time |
| | | | | | | | |
| Disposal Method | | | | Received by: (Signature) | | Date | Time |
| | | | | | | | |
| Disposed by: (Signature) | | | | Received by: (Signature) | | Date | Time |
| | | | | | | | |

White Copy : Accompanies Samples
Yellow Copy : Sampler

K PRIME, Inc.

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd.
Santa Rosa CA 95403
Phone: 707 527 7574
FAX: 707 527 7879

TRANSMITTAL

DATE: 8/17/2017

TO: MR. MATT EARNSHAW
MR. MAX KRUZIC
EBA ENGINEERING
825 SONOMA AVENUE
SANTA ROSA, CA 95404

ACCT: 9986
PROJ: 17-2382

Phone: 707-544-0784
Fax: 707-544-0866
Email: dataeba1@ebagroup.com

FROM: Richard A. Kagel, Ph.D.
Laboratory Director

*RAK/mcr
8/17/2017*

SUBJECT: LABORATORY RESULTS FOR YOUR PROJECT 17-2382

Enclosed please find K Prime's laboratory reports for the following samples:

| SAMPLE ID | TYPE | DATE | TIME | KPI LAB # |
|------------|------|-----------|-------|-----------|
| S-SB-9-6" | SOIL | 8/10/2017 | 09:03 | 157356 |
| S-SB-10-6" | SOIL | 8/10/2017 | 09:25 | 157357 |
| S-SB-11-6" | SOIL | 8/10/2017 | 09:10 | 157358 |
| S-SB-12-6" | SOIL | 8/10/2017 | 09:20 | 157359 |
| S-SB-21-6" | SOIL | 8/10/2017 | 10:19 | 157360 |
| S-SB-22-6" | SOIL | 8/10/2017 | 10:40 | 157361 |
| S-SB-23-6" | SOIL | 8/10/2017 | 10:30 | 157362 |
| S-SB-24-6" | SOIL | 8/10/2017 | 10:23 | 157363 |
| S-SB-29-6" | SOIL | 8/10/2017 | 11:17 | 157364 |
| S-SB-30-6" | SOIL | 8/10/2017 | 11:20 | 157365 |
| S-SB-31-6" | SOIL | 8/10/2017 | 11:31 | 157366 |
| S-SB-32-6" | SOIL | 8/10/2017 | 11:34 | 157367 |
| S-COMP-F | SOIL | 8/10/2017 | NA | 157368 |
| S-COMP-G | SOIL | 8/10/2017 | NA | 157369 |
| S-COMP-H | SOIL | 8/10/2017 | NA | 157370 |

The above listed sample group was received on 8/10/2017 and tested as requested on the chain of custody document.

Please call me if you have any questions or need further information.
Thank you for this opportunity to be of service.

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

METHOD: GRO-GASOLINE RANGE ORGANICS
REFERENCE: EPA 8015B

SAMPLE TYPE: SOIL
UNITS: mg/Kg

| SAMPLE ID | LAB NO. | DATE | TIME | BATCH | DATE | MRL | SAMPLE | GRO |
|-----------|---------|------------|---------|----------|------------|------|--------|-----|
| | | SAMPLED | SAMPLED | | NO | | | |
| S-COMP-F | 157388 | 08/10/2017 | NA | 080917S1 | 08/11/2017 | 1.00 | ND | |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED METHOD REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
MRL - METHOD REPORTING LIMIT
AE - UNKNOWN HYDROCARBON WITH A SINGLE PEAK
AN - UNKNOWN HYDROCARBON WITH SEVERAL PEAKS
AS - HEAVIER HYDROCARBON THAN GASOLINE CONTRIBUTING TO GRO VALUE
CO - HYDROCARBON RESPONSE IN GASOLINE RANGE BUT DOES NOT RESEMBLE GASOLINE

APPROVED BY: TD
DATE: 8/17/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-COMP-F
LAB NO: 157368
DATE SAMPLED: 08/10/2017
TIME SAMPLED: NA
BATCH NO: 081517S1
DATE ANALYZED: 08/16/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------------|------------|--------------------|----------------|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 1.28 | ND |
| CHLOROMETHANE | 74-87-3 | 1.28 | ND |
| VINYL CHLORIDE | 75-01-4 | 1.28 | ND |
| BROMOMETHANE | 74-83-9 | 1.28 | ND |
| CHLOROETHANE | 75-00-3 | 1.28 | ND |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 1.28 | ND |
| 1,1-DICHLOROETHENE | 75-35-4 | 1.28 | ND |
| TRICHLOROTRIFLUOROETHANE | 76-13-1 | 1.28 | ND |
| METHYLENE CHLORIDE | 75-09-2 | 6.40 | ND |
| TRANS-1,2-DICHLOROETHENE | 156-80-5 | 1.28 | ND |
| 1,1-DICHLOROETHANE | 75-34-3 | 1.28 | ND |
| CIS-1,2-DICHLOROETHENE | 156-59-2 | 1.28 | ND |
| 2,2-DICHLOROPROPANE | 594-20-7 | 1.28 | ND |
| BROMOCHLOROMETHANE | 74-97-5 | 1.28 | ND |
| CHLOROFORM | 67-66-3 | 1.28 | ND |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 1.28 | ND |
| CARBON TETRACHLORIDE | 56-23-5 | 1.28 | ND |
| 1,1-DICHLOROPROPENE | 563-58-6 | 1.28 | ND |
| BENZENE | 71-43-2 | 1.28 | ND |
| 1,2-DICHLOROETHANE | 107-06-2 | 1.28 | ND |
| TRICHLOROETHENE | 79-01-6 | 1.28 | ND |
| 1,2-DICHLOROPROPANE | 78-87-5 | 1.28 | ND |
| DIBROMOMETHANE | 74-95-3 | 1.28 | ND |
| BROMODICHLOROMETHANE | 75-27-4 | 1.28 | ND |
| TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | 1.28 | ND |
| TOLUENE | 108-88-3 | 1.28 | ND |
| CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 1.28 | ND |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 1.28 | ND |
| TETRACHLOROETHENE | 127-18-4 | 1.28 | ND |
| 1,3-DICHLOROPROPANE | 142-28-9 | 1.28 | ND |
| DIBROMOCHLOROMETHANE | 124-48-1 | 1.28 | ND |
| 1,2-DIBROMOETHANE | 106-93-4 | 1.28 | ND |
| CHLOROBENZENE | 108-90-7 | 1.28 | ND |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 1.28 | ND |
| ETHYLBENZENE | 100-41-4 | 1.28 | ND |
| XYLENE (M+P) | 1330-20-7 | 1.28 | ND |
| XYLENE (O) | 1330-20-7 | 1.28 | ND |
| STYRENE | 100-42-5 | 1.28 | ND |
| BROMOFORM | 75-25-2 | 1.28 | ND |
| ISOPROPYLBENZENE | 98-82-8 | 1.28 | ND |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 1.28 | ND |
| BROMOBENZENE | 108-86-1 | 1.28 | ND |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 1.28 | ND |
| N-PROPYLBENZENE | 103-65-1 | 1.28 | ND |
| 2-CHLOROTOLUENE | 95-49-8 | 1.28 | ND |

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-COMP-F
LAB NO: 157368
DATE SAMPLED: 08/10/2017
TIME SAMPLED: NA
BATCH NO: 081517S1
DATE ANALYZED: 08/16/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-----------------------------|----------|--------------------|----------------|
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 1.28 | ND |
| 4-CHLOROTOLUENE | 106-43-4 | 1.28 | ND |
| TERT-BUTYLBENZENE | 98-06-6 | 1.28 | ND |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 1.28 | ND |
| SEC-BUTYLBENZENE | 135-98-8 | 1.28 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 1.28 | ND |
| 4-ISOPROPYLTOLUENE | 99-87-6 | 1.28 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 1.28 | ND |
| N-BUTYLBENZENE | 104-51-8 | 1.28 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 1.28 | ND |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 1.28 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 2.56 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 2.56 | ND |
| NAPHTHALENE | 91-20-3 | 2.56 | ND |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 2.56 | ND |

| SURROGATE RECOVERY | % |
|----------------------|-----|
| DIBROMOFLUOROMETHANE | 115 |
| TOLUENE-D8 | 123 |
| 4-BROMOFLUOROBENZENE | 79 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA - NOT APPLICABLE OR AVAILABLE

APPROVED BY: *TB*
DATE: 8/17/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-COMP-F
LAB NO: 157368
DATE SAMPLED: 08/10/2017
TIME SAMPLED: NA
BATCH NO: 080217S1
DATE EXTRACTED: 08/11/2017
DATE ANALYZED: 08/14/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------|------------|-----------------|-------------|
| ALPHA-BHC | 319-84-6 | 2.00 | ND |
| BETA-BHC | 319-85-7 | 2.00 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 2.00 | ND |
| HEPTACHLOR | 76-44-8 | 2.00 | ND |
| DELTA-BHC | 319-86-8 | 2.00 | ND |
| ALDRIN | 309-00-2 | 2.00 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 2.00 | ND |
| ENDOSULFAN I | 959-98-8 | 2.00 | ND |
| 4,4'-DDE | 72-55-9 | 2.00 | ND |
| DIELDRIN | 60-57-1 | 2.00 | ND |
| ENDRIN | 72-20-8 | 2.00 | ND |
| 4,4'-DDD | 72-54-8 | 2.00 | ND |
| ENDOSULFAN II | 33213-65-9 | 2.00 | ND |
| 4,4'-DDT | 50-29-3 | 2.00 | ND |
| ENDRIN ALDEHYDE | 7421-93-4 | 2.00 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 2.00 | ND |
| METHOXYCHLOR | 72-43-5 | 2.00 | ND |
| CHLORDANE | 57-74-9 | 2.00 | 9.50 |
| TOXAPHENE | 8001-35-2 | 12.5 | ND |

| SURROGATE RECOVERY | % |
|--------------------|----|
| TCMX | 99 |
| DCBP | 87 |

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY:
DATE: 8/17/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-COMP-G
LAB NO: 157369
DATE SAMPLED: 08/10/2017
TIME SAMPLED: NA
BATCH NO: 080217S1
DATE EXTRACTED: 08/11/2017
DATE ANALYZED: 08/14/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------|------------|-----------------|-------------|
| ALPHA-BHC | 319-84-6 | 2.00 | ND |
| BETA-BHC | 319-85-7 | 2.00 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 2.00 | ND |
| HEPTACHLOR | 76-44-8 | 2.00 | ND |
| DELTA-BHC | 319-56-8 | 2.00 | ND |
| ALDRIN | 309-00-2 | 2.00 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 2.00 | ND |
| ENDOSULFAN I | 959-98-8 | 2.00 | ND |
| 4,4'-DDE | 72-55-9 | 2.00 | ND |
| DIELDRIN | 60-57-1 | 2.00 | ND |
| ENDRIN | 72-20-8 | 2.00 | ND |
| 4,4'-DDD | 72-54-8 | 2.00 | ND |
| ENDOSULFAN II | 33213-65-9 | 2.00 | ND |
| 4,4'-DDT | 50-29-3 | 2.00 | ND |
| ENDRIN ALDEHYDE | 7421-93-4 | 2.00 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 2.00 | ND |
| METHOXYCHLOR | 72-43-5 | 2.00 | ND |
| CHLORDANE | 57-74-9 | 2.00 | ND |
| TOXAPHENE | 8001-35-2 | 12.5 | ND |

| SURROGATE RECOVERY | % |
|--------------------|----|
| TCMX | 89 |
| DCBP | 81 |

NOTES:
 ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: _____
 DATE: 8/17/2017

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-COMP-H
LAB NO: 157370
DATE SAMPLED: 08/10/2017
TIME SAMPLED: NA
BATCH NO: 080217S1
DATE EXTRACTED: 08/11/2017
DATE ANALYZED: 08/14/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------|------------|--------------------|----------------|
| ALPHA-BHC | 319-84-6 | 2.00 | ND |
| BETA-BHC | 319-85-7 | 2.00 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 2.00 | ND |
| HEPTACHLOR | 76-44-8 | 2.00 | ND |
| DELTA-BHC | 319-86-8 | 2.00 | ND |
| ALDRIN | 309-00-2 | 2.00 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 2.00 | ND |
| ENDOSULFAN I | 959-98-8 | 2.00 | ND |
| 4,4'-DDE | 72-55-9 | 2.00 | ND |
| DIELDRIN | 60-57-1 | 2.00 | ND |
| ENDRIN | 72-20-8 | 2.00 | ND |
| 4,4'-DDD | 72-54-8 | 2.00 | ND |
| ENDOSULFAN II | 33213-65-9 | 2.00 | ND |
| 4,4'-DDT | 50-28-3 | 2.00 | ND |
| ENDRIN ALDEHYDE | 7421-93-4 | 2.00 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 2.00 | ND |
| METHOXYCHLOR | 72-43-5 | 2.00 | ND |
| CHLORDANE | 57-74-9 | 2.00 | 45.4 |
| TOXAPHENE | 8001-35-2 | 12.5 | ND |

| SURROGATE RECOVERY | % |
|--------------------|----|
| TCMX | 90 |
| DCBP | 87 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: TJ
DATE: 8/17/2017

K PRIME, INC.
LABORATORY REPORT

METHOD: TOTAL ARSENIC
REFERENCE: EPA 3060B/6020A

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE TYPE: SOIL
UNITS: mg/kg

| SAMPLE ID | LAB ID | BATCH # | DATE SAMPLED | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|------------|--------|----------|--------------|---------------|-----------------|-------------|
| S-SB-9-6" | 157356 | 081117S1 | 08/10/2017 | 08/16/2017 | 2.50 | 3.46 |
| S-SB-10-6" | 157357 | 081117S1 | 08/10/2017 | 08/16/2017 | 2.50 | 4.11 |
| S-SB-11-6" | 157358 | 081117S1 | 08/10/2017 | 08/16/2017 | 2.50 | 2.99 |
| S-SB-12-6" | 157359 | 081117S1 | 08/10/2017 | 08/16/2017 | 2.50 | 4.12 |
| S-SB-21-6" | 157360 | 081117S1 | 08/10/2017 | 08/16/2017 | 2.50 | 2.91 |
| S-SB-22-6" | 157361 | 081117S1 | 08/10/2017 | 08/16/2017 | 2.50 | 3.84 |
| S-SB-23-6" | 157362 | 081117S1 | 08/10/2017 | 08/16/2017 | 2.50 | ND |
| S-SB-24-6" | 157363 | 081117S1 | 08/10/2017 | 08/16/2017 | 2.50 | 4.17 |
| S-SB-29-6" | 157364 | 081117S1 | 08/10/2017 | 08/16/2017 | 2.50 | 3.74 |
| S-SB-30-6" | 157365 | 081117S1 | 08/10/2017 | 08/16/2017 | 2.50 | 3.59 |
| S-SB-31-6" | 157366 | 081117S1 | 08/10/2017 | 08/16/2017 | 2.50 | 3.94 |
| S-SB-32-6" | 157367 | 081117S1 | 08/10/2017 | 08/16/2017 | 2.50 | 3.68 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: _____

DATE: _____

TJ

8/17/2017

K PRIME, INC.
LABORATORY REPORT

METHOD: TOTAL LEAD
REFERENCE: EPA 3050B/6020A

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE TYPE: SOIL
UNITS: mg/kg

| SAMPLE ID | LAB ID | BATCH # | DATE SAMPLED | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|------------|--------|----------|--------------|---------------|-----------------|-------------|
| S-SB-9-6" | 157356 | 081117S1 | 08/10/2017 | 08/16/2017 | 2.50 | 12.6 |
| S-SB-10-6" | 157357 | 081117S1 | 08/10/2017 | 08/16/2017 | 2.50 | 52.9 |
| S-SB-11-6" | 157358 | 081117S1 | 08/10/2017 | 08/16/2017 | 2.50 | 45.8 |
| S-SB-12-6" | 157359 | 081117S1 | 08/10/2017 | 08/16/2017 | 2.50 | 20.0 |
| S-SB-21-6" | 157360 | 081117S1 | 08/10/2017 | 08/16/2017 | 2.50 | 78.9 |
| S-SB-22-6" | 157361 | 081117S1 | 08/10/2017 | 08/16/2017 | 2.50 | 21.4 |
| S-SB-23-6" | 157362 | 081117S1 | 08/10/2017 | 08/16/2017 | 2.50 | 68.9 |
| S-SB-24-6" | 157363 | 081117S1 | 08/10/2017 | 08/16/2017 | 2.50 | 13.5 |
| S-SB-29-6" | 157364 | 081117S1 | 08/10/2017 | 08/16/2017 | 2.50 | 69.1 |
| S-SB-30-6" | 157365 | 081117S1 | 08/10/2017 | 08/16/2017 | 2.50 | 39.6 |
| S-SB-31-6" | 157366 | 081117S1 | 08/10/2017 | 08/16/2017 | 2.50 | 107 |
| S-SB-32-6" | 157367 | 081117S1 | 08/10/2017 | 08/16/2017 | 2.50 | 62.0 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: TJ

DATE: 8/17/2017

K PRIME, INC.
LABORATORY QC REPORT

METHOD BLANK ID: B080917S1
BATCH NO: 080917S1
SAMPLE TYPE: SOIL
UNITS: mg/Kg

METHOD: GRO-GASOLINE RANGE ORGANICS
REFERENCE: EPA 8015B

DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/09/2017

| COMPOUND NAME | REPORTING LIMIT | SAMPLE CONC |
|---------------|-----------------|-------------|
| TPH-G | 1.00 | ND |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT AVAILABLE OR APPLICABLE

SAMPLE ID: L080917S1
DUPLICATE ID: D080917S1
BATCH NO: 080917S1
SAMPLE TYPE: SOIL
UNITS: mg/Kg

DATE EXTRACTED: 08/09/2017
DATE ANALYZED: 08/09/2017

ACCURACY (MATRIX SPIKE)

| COMPOUND NAME | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|---------------|-------------|---------------|--------------|--------------|------------|
| TPH-G | 5.00 | ND | 5.80 | 116 | 60-140 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|---------------|-----------------|--------------|------------------|---------|------------|
| TPH-G | 1.00 | 5.80 | 5.95 | 2.5 | ±20 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

METHOD BLANK ID: B081517S1
BATCH NO: 081517S1
DATE ANALYZED: 08/15/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------------|------------|--------------------|----------------|
| DICHLORODIFLUOROMETHANE | 75-71-8 | 1.50 | ND |
| CHLOROMETHANE | 74-87-3 | 1.50 | ND |
| VINYL CHLORIDE | 75-01-4 | 1.50 | ND |
| BROMOMETHANE | 74-83-9 | 1.50 | ND |
| CHLOROETHANE | 75-00-3 | 1.50 | ND |
| TRICHLOROFLUOROMETHANE | 75-69-4 | 1.50 | ND |
| 1,1-DICHLOROETHENE | 75-35-4 | 1.50 | ND |
| TRICHLOROTRIFLUOROETHANE | 76-13-1 | 1.50 | ND |
| METHYLENE CHLORIDE | 75-09-2 | 7.50 | ND |
| TRANS-1,2-DICHLOROETHENE | 156-60-5 | 1.50 | ND |
| 1,1-DICHLOROETHANE | 75-34-3 | 1.50 | ND |
| CIS-1,2-DICHLOROETHENE | 156-59-2 | 1.50 | ND |
| 2,2-DICHLOROPROPANE | 594-20-7 | 1.50 | ND |
| BROMOCHLOROMETHANE | 74-97-5 | 1.50 | ND |
| CHLOROFORM | 67-66-3 | 1.50 | ND |
| 1,1,1-TRICHLOROETHANE | 71-55-6 | 1.50 | ND |
| CARBON TETRACHLORIDE | 56-23-5 | 1.50 | ND |
| 1,1-DICHLOROPROPENE | 563-58-6 | 1.50 | ND |
| BENZENE | 71-43-2 | 1.50 | ND |
| 1,2-DICHLOROETHANE | 107-06-2 | 1.50 | ND |
| TRICHLOROETHENE | 79-01-6 | 1.50 | ND |
| 1,2-DICHLOROPROPANE | 78-87-5 | 1.50 | ND |
| DIBROMOMETHANE | 74-95-3 | 1.50 | ND |
| BROMODICHLOROMETHANE | 75-27-4 | 1.50 | ND |
| TRANS-1,3-DICHLOROPROPENE | 10061-02-6 | 1.50 | ND |
| TOLUENE | 108-88-3 | 1.50 | ND |
| CIS-1,3-DICHLOROPROPENE | 10061-01-5 | 1.50 | ND |
| 1,1,2-TRICHLOROETHANE | 79-00-5 | 1.50 | ND |
| TETRACHLOROETHENE | 127-18-4 | 1.50 | ND |
| 1,3-DICHLOROPROPANE | 142-28-9 | 1.50 | ND |
| DIBROMOCHLOROMETHANE | 124-48-1 | 1.50 | ND |
| 1,2-DIBROMOETHANE | 106-93-4 | 1.50 | ND |
| CHLOROBENZENE | 108-90-7 | 1.50 | ND |
| 1,1,1,2-TETRACHLOROETHANE | 630-20-6 | 1.50 | ND |
| ETHYLBENZENE | 100-41-4 | 1.50 | ND |
| XYLENE (M+P) | 1330-20-7 | 1.50 | ND |
| XYLENE (O) | 1330-20-7 | 1.50 | ND |
| STYRENE | 100-42-5 | 1.50 | ND |
| BROMOFORM | 75-25-2 | 1.50 | ND |
| ISOPROPYLBENZENE | 98-82-8 | 1.50 | ND |
| 1,1,2,2-TETRACHLOROETHANE | 79-34-5 | 1.50 | ND |
| BROMOBENZENE | 108-86-1 | 1.50 | ND |
| 1,2,3-TRICHLOROPROPANE | 96-18-4 | 1.50 | ND |
| N-PROPYLBENZENE | 103-65-1 | 1.50 | ND |
| 2-CHLOROTOLUENE | 95-49-8 | 1.50 | ND |

K PRIME, INC.
LABORATORY BATCH QC REPORT

METHOD BLANK ID: B081517S1
BATCH NO: 081517S1
DATE ANALYZED: 08/15/2017

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

SAMPLE TYPE: SOIL
UNITS: µg/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|-----------------------------|----------|--------------------|----------------|
| 1,3,5-TRIMETHYLBENZENE | 108-67-8 | 1.50 | ND |
| 4-CHLOROTOLUENE | 106-43-4 | 1.50 | ND |
| TERT-BUTYLBENZENE | 98-06-6 | 1.50 | ND |
| 1,2,4-TRIMETHYLBENZENE | 95-63-6 | 1.50 | ND |
| SEC-BUTYLBENZENE | 135-98-8 | 1.50 | ND |
| 1,3-DICHLOROBENZENE | 541-73-1 | 1.50 | ND |
| 4-ISOPROPYLTOLUENE | 99-87-6 | 1.50 | ND |
| 1,4-DICHLOROBENZENE | 106-46-7 | 1.50 | ND |
| N-BUTYLBENZENE | 104-51-8 | 1.50 | ND |
| 1,2-DICHLOROBENZENE | 95-50-1 | 1.50 | ND |
| 1,2-DIBROMO-3-CHLOROPROPANE | 96-12-8 | 1.50 | ND |
| 1,2,4-TRICHLOROBENZENE | 120-82-1 | 3.00 | ND |
| HEXACHLOROBUTADIENE | 87-68-3 | 3.00 | ND |
| NAPHTHALENE | 91-20-3 | 3.00 | ND |
| 1,2,3-TRICHLOROBENZENE | 87-61-6 | 3.00 | ND |

| SURROGATE RECOVERY | % |
|----------------------|-----|
| DIBROMOFLUOROMETHANE | 106 |
| TOLUENE-D8 | 108 |
| 4-BROMOFLUOROBENZENE | 83 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

SAMPLE ID: B081517S1
SPIKE ID: L081517S1
DUPLICATE ID: D081517S1
BATCH NO: 081517S1
DATE ANALYZED: 08/16/2017
SAMPLE TYPE: SOIL
UNITS: µg/Kg

METHOD: VOLATILE ORGANIC COMPOUNDS
REFERENCE: EPA 5035/8260

ACCURACY (MATRIX SPIKE)

| COMPOUND NAME | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|--------------------|----------------|------------------|-----------------|-----------------|---------------|
| 1,1 DICHLOROETHENE | 30.0 | ND | 21.5 | 72 | 60-140 |
| BENZENE | 30.0 | ND | 27.1 | 90 | 60-140 |
| TRICHLOROETHENE | 30.0 | ND | 26.9 | 90 | 60-140 |
| TOLUENE | 30.0 | ND | 28.3 | 94 | 60-140 |
| CHLOROBENZENE | 30.0 | ND | 24.5 | 82 | 60-140 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|--------------------|--------------------|-----------------|---------------------|------------|---------------|
| 1,1 DICHLOROETHENE | 1.50 | 21.5 | 23.7 | 9.6 | ±20 |
| BENZENE | 1.50 | 27.1 | 28.1 | 3.8 | ±20 |
| TRICHLOROETHENE | 1.50 | 26.9 | 27.5 | 2.1 | ±20 |
| TOLUENE | 1.50 | 28.3 | 28.8 | 1.8 | ±20 |
| CHLOROBENZENE | 1.50 | 24.5 | 24.8 | 1.3 | ±20 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT

METHOD BLANK ID: B080217S1
BATCH NO: 080217S1
DATE EXTRACTED: 08/02/2017
DATE ANALYZED: 08/03/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------|------------|--------------------|----------------|
| ALPHA-BHC | 319-84-6 | 2.00 | ND |
| BETA-BHC | 319-85-7 | 2.00 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 2.00 | ND |
| HEPTACHLOR | 76-44-8 | 2.00 | ND |
| DELTA-BHC | 319-86-8 | 2.00 | ND |
| ALDRIN | 309-00-2 | 2.00 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 2.00 | ND |
| ENDOSULFAN I | 959-98-8 | 2.00 | ND |
| 4,4'-DDE | 72-55-9 | 2.00 | ND |
| DIELDRIN | 60-57-1 | 2.00 | ND |
| ENDRIN | 72-20-8 | 2.00 | ND |
| 4,4'-DDD | 72-54-8 | 2.00 | ND |
| ENDOSULFAN II | 33213-85-9 | 2.00 | ND |
| 4,4'-DDT | 50-29-3 | 2.00 | ND |
| ENDRIN ALDEHYDE | 7421-93-4 | 2.00 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 2.00 | ND |
| METHOXYCHLOR | 72-43-5 | 2.00 | ND |
| CHLORDANE | 57-74-9 | 2.00 | ND |
| TOXAPHENE | 8001-35-2 | 12.5 | ND |

| SURROGATE RECOVERY | % |
|--------------------|----|
| TCMX | 77 |
| DCBP | 77 |

NOTES:

ND - NOT DETECTED ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

SAMPLE ID: B080217S1
SPIKE ID: L080217S1
DUPLICATE ID: D080217S1
BATCH NO: 080217S1
DATE EXTRACTED: 08/02/2017
DATE ANALYZED: 08/03/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

| COMPOUND NAME | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|---------------------|----------------|------------------|-----------------|-----------------|---------------|
| GAMMA-BHC (LINDANE) | 125 | ND | 103 | 83 | 50-150 |
| HEPTACHLOR | 125 | ND | 99.9 | 80 | 50-150 |
| ALDRIN | 125 | ND | 103 | 82 | 50-150 |
| DIELDRIN | 125 | ND | 102 | 81 | 50-150 |
| ENDRIN | 125 | ND | 99.3 | 79 | 50-150 |
| DDT | 125 | ND | 115 | 92 | 50-150 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|---------------------|--------------------|-----------------|---------------------|------------|---------------|
| GAMMA-BHC (LINDANE) | 2.00 | 103 | 112 | 7.9 | ±40 |
| HEPTACHLOR | 2.00 | 99.9 | 112 | 11.3 | ±40 |
| ALDRIN | 2.00 | 103 | 114 | 10.6 | ±40 |
| DIELDRIN | 2.00 | 102 | 114 | 11.4 | ±40 |
| ENDRIN | 2.00 | 99.3 | 114 | 13.9 | ±40 |
| DDT | 2.00 | 115 | 138 | 18.6 | ±40 |

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
 NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: L081117S1
DUPLICATE ID: D081117S1
METHOD BLANK ID: B081117S1
BATCH #: 081117S1
DATE ANALYZED: 08/16/2017

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT | | MB mg/kg | SA mg/kg | SR mg/kg | SP mg/kg | SPD mg/kg | SP %R | RPD % |
|----------------|----|--------------------|--------------------|--------------------|--------------------|---------------------|-----------------|-----------------|
| ARSENIC | As | <2.50 | 25.0 | 0.0 | 25.9 | 25.1 | 103 | 3.1 |
| LEAD | Pb | <2.50 | 25.0 | 0.0 | 27.2 | 27.0 | 109 | 1.0 |

NOTES:

ND: NOT DETECTED

MB: METHOD BLANK

SA: SPIKE ADDED

SR: SAMPLE RESULT

SP: SPIKE RESULT

SPD: SPIKE DUPLICATE RESULT

SP(%R): SPIKE % RECOVERY

RPD: RELATIVE PERCENT DIFFERENCE

K PRINIE, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: MS157357
DUPLICATE ID: SD157357
METHOD BLANK ID: B081117S1
BATCH #: 081117S1
DATE ANALYZED: 08/16/2017

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT | | MB mg/kg | SA mg/kg | SR mg/kg | SP mg/kg | SPD mg/kg | SP %R | RPD % |
|---------|----|-------------|-------------|-------------|-------------|--------------|----------|----------|
| ARSENIC | As | <2.50 | 25.0 | 4.11 | 25.4 | 23.1 | 85 | 9.3 |
| LEAD | Pb | <2.50 | 25.0 | 52.9 | 78.6 | 73.5 | 95 | 4.1 |

NOTES:

ND: NOT DETECTED
MB: METHOD BLANK
SA: SPIKE ADDED
SR: SAMPLE RESULT
SP: SPIKE RESULT
SPD: SPIKE DUPLICATE RESULT
SP(%R): SPIKE % RECOVERY
RPD: RELATIVE PERCENT DIFFERENCE

K PRIME, INC.

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd., Santa Rosa, CA 95403

PHONE: (707) 527-7574

FAX: (707) 527-7879

CHAIN OF CUSTODY RECORD

| | | | | | | |
|------------------------------|------|---------------------|----------------|--|-------------------|--------------------------|
| Client/Project ID | | Address/Phone | | KPI Project No. 9980 | | |
| Project Location | | Client Project No. | | <input type="checkbox"/> EDF Log Code: _____ | | |
| Contact | | Sampler (Signature) | | Global ID | | |
| Sample Identification No. | Date | Time | Lab Sample No. | Type of Sample | No. of Containers | Expected Turnaround Time |
| | | | 157356 | | | |
| | | | 157357 | | | |
| | | | 157358 | | | |
| | | | 157359 | | | |
| | | | 157360 | | | |
| | | | 157361 | | | |
| | | | 157362 | | | |
| | | | 157363 | | | |
| | | | 157364 | | | |
| | | | 157365 | | | |
| | | | 157366 | | | |
| | | | 157367 | | | |
| Relinquished by: (Signature) | | | | | | |
| Relinquist | | Date | | Time | | |
| | | 7/10 | | 15-27 | | |
| Relinquist | | Date | | Time | | |
| | | 8/10/17 | | 15:46 | | |
| Disposal 1 | | Date | | Time | | |
| | | | | | | |
| Disposal | | Date | | Time | | |
| | | | | | | |

White Copy : Accompanies Samples
Yellow Copy : Sampler

(acts) (PS)

K PRIME, Inc.

CONSULTING ANALYTICAL CHEMISTS

3621 Westwind Blvd.
Santa Rosa CA 95403
Phone: 707 527 7574
FAX: 707 527 7879

TRANSMITTAL

DATE: 8/18/2017

TO: MR. MATT EARNSHAW
MR. MAX KRUZIC
EBA ENGINEERING
825 SONOMA AVENUE
SANTA ROSA, CA 95404

ACCT: 9986
PROJ: 17-2382

Phone: 707-544-0784
Fax: 707-544-0866
Email: dataeba1@ebagroup.com

FROM: Richard A. Kage1, Ph.D.
Laboratory Director

RAK/mca 8/18/2017

SUBJECT: LABORATORY RESULTS FOR YOUR PROJECT 17-2382

Enclosed please find K Prime's laboratory reports for the following samples:

| SAMPLE ID | TYPE | DATE | TIME | KPI LAB # |
|-------------------|-------|-----------|-------|-----------|
| S-SB-13-6" | SOIL | 8/10/2017 | 12:15 | 157371 |
| S-SB-14-6" | SOIL | 8/10/2017 | 12:10 | 157372 |
| S-SB-15-6" | SOIL | 8/10/2017 | 12:55 | 157373 |
| S-SB-16-6" | SOIL | 8/10/2017 | 13:09 | 157374 |
| EQUIPMENT BLANK-3 | WATER | 8/10/2017 | 13:30 | 157375 |
| S-SB-25-6" | SOIL | 8/10/2017 | 14:15 | 157376 |
| S-SB-26-6" | SOIL | 8/10/2017 | 14:20 | 157377 |
| S-SB-27-6" | SOIL | 8/10/2017 | 13:50 | 157378 |
| S-SB-28-6" | SOIL | 8/10/2017 | 13:48 | 157379 |
| BLIND DUPLICATE-3 | SOIL | 8/10/2017 | NA | 157380 |
| S-COMP-I | SOIL | 8/10/2017 | NA | 157381 |
| S-COMP-J | SOIL | 8/10/2017 | NA | 157382 |
| S-COMP-K | SOIL | 8/10/2017 | NA | 157383 |

The above listed sample group was received on 8/10/2017 and tested as requested on the chain of custody document.

Please call me if you have any questions or need further information.
Thank you for this opportunity to be of service.

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-COMP-1
LAB NO: 157381
DATE SAMPLED: 08/10/2017
TIME SAMPLED: NA
BATCH NO: 080217S1
DATE EXTRACTED: 08/11/2017
DATE ANALYZED: 08/14/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------|------------|-----------------|-------------|
| ALPHA-BHC | 319-84-6 | 2.00 | ND |
| BETA-BHC | 319-85-7 | 2.00 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 2.00 | ND |
| HEPTACHLOR | 78-44-8 | 2.00 | ND |
| DELTA-BHC | 319-88-8 | 2.00 | ND |
| ALDRIN | 309-00-2 | 2.00 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 2.00 | ND |
| ENDOSULFAN I | 959-98-8 | 2.00 | ND |
| 4,4'-DDE | 72-55-9 | 2.00 | 2.92 |
| DIELDRIN | 60-57-1 | 2.00 | ND |
| ENDRIN | 72-20-8 | 2.00 | ND |
| 4,4'-DDD | 72-54-8 | 2.00 | 2.82 |
| ENDOSULFAN II | 33213-85-9 | 2.00 | ND |
| 4,4'-DDT | 50-29-3 | 2.00 | 6.79 |
| ENDRIN ALDEHYDE | 7421-83-4 | 2.00 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 2.00 | ND |
| METHOXYCHLOR | 72-43-5 | 2.00 | ND |
| CHLORDANE | 57-74-9 | 2.00 | 58.2 |
| TOXAPHENE | 8001-35-2 | 12.5 | ND |

| SURROGATE RECOVERY | % |
|--------------------|----|
| TCMX | 94 |
| DCBP | 87 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: ARC
DATE: 8/17/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-COMP-J
LAB NO: 157382
DATE SAMPLED: 08/10/2017
TIME SAMPLED: NA
BATCH NO: 080217S1
DATE EXTRACTED: 08/11/2017
DATE ANALYZED: 08/14/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------|------------|-----------------|-------------|
| ALPHA-BHC | 319-84-6 | 2.00 | ND |
| BETA-BHC | 319-85-7 | 2.00 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 2.00 | ND |
| HEPTACHLOR | 76-44-8 | 2.00 | ND |
| DELTA-BHC | 319-86-8 | 2.00 | ND |
| ALDRIN | 309-00-2 | 2.00 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 2.00 | ND |
| ENDOSULFAN I | 959-98-8 | 2.00 | ND |
| 4,4'-DDE | 72-55-9 | 2.00 | 4.30 |
| DIELDRIN | 60-57-1 | 2.00 | ND |
| ENDRIN | 72-20-8 | 2.00 | ND |
| 4,4'-DDD | 72-54-8 | 2.00 | 3.54 |
| ENDOSULFAN II | 33213-65-9 | 2.00 | ND |
| 4,4'-DDT | 50-29-3 | 2.00 | 6.17 |
| ENDRIN ALDEHYDE | 7421-93-4 | 2.00 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 2.00 | ND |
| METHOXYCHLOR | 72-43-5 | 2.00 | ND |
| CHLORDANE | 57-74-9 | 2.00 | ND |
| TOXAPHENE | 8001-35-2 | 12.5 | ND |

| SURROGATE RECOVERY | % |
|--------------------|----|
| TCMX | 88 |
| DCBP | 86 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: MVC
DATE: 8/17/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-COMP-K
LAB NO: 157383
DATE SAMPLED: 08/10/2017
TIME SAMPLED: NA
BATCH NO: 081117S1
DATE EXTRACTED: 08/11/2017
DATE ANALYZED: 08/14/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------|------------|--------------------|----------------|
| ALPHA-BHC | 319-84-6 | 2.00 | ND |
| BETA-BHC | 319-85-7 | 2.00 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 2.00 | ND |
| HEPTACHLOR | 76-44-8 | 2.00 | ND |
| DELTA-BHC | 319-86-8 | 2.00 | ND |
| ALDRIN | 309-00-2 | 2.00 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 2.00 | ND |
| ENDOSULFAN I | 959-98-8 | 2.00 | ND |
| 4,4'-DDE | 72-55-9 | 2.00 | ND |
| DIELDRIN | 60-57-1 | 2.00 | ND |
| ENDRIN | 72-20-8 | 2.00 | ND |
| 4,4'-DDD | 72-54-8 | 2.00 | ND |
| ENDOSULFAN II | 33213-65-9 | 2.00 | ND |
| 4,4'-DDT | 50-29-3 | 2.00 | ND |
| ENDRIN ALDEHYDE | 7421-93-4 | 2.00 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 2.00 | ND |
| METHOXYCHLOR | 72-43-5 | 2.00 | ND |
| CHLORDANE | 57-74-9 | 2.00 | 114 |
| TOXAPHENE | 8001-35-2 | 12.5 | ND |

| SURROGATE RECOVERY | % |
|--------------------|-----|
| TCMX | 100 |
| DCBP | 84 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: AKC
DATE: 8/17/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: EQUIPMENT BLANK-3
LAB NO: 157375
DATE SAMPLED: 08/10/2017
TIME SAMPLED: 13:30
BATCH NO: 081117W1
DATE EXTRACTED: 08/11/2017
DATE ANALYZED: 08/16/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3510/8081

SAMPLE TYPE: WATER
UNITS: ug/L

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|--------------------|------------|-----------------|-------------|
| A-BHC | 319-84-8 | 0.00400 | ND |
| B-BHC | 319-85-7 | 0.00400 | ND |
| LINDANE | 58-89-9 | 0.00400 | ND |
| HEPTACHLOR | 76-44-8 | 0.00400 | ND |
| D-BHC | 319-86-8 | 0.00400 | ND |
| ALDRIN | 309-00-2 | 0.00400 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 0.00400 | ND |
| ENDOSULFAN I | 959-98-8 | 0.00400 | ND |
| 4,4'-DDE | 72-55-9 | 0.00400 | ND |
| DIELDRIN | 60-57-1 | 0.00400 | ND |
| ENDRIN | 72-20-8 | 0.00400 | ND |
| 4,4'-DDD | 72-54-8 | 0.00400 | ND |
| ENDOSULFAN II | 33213-65-9 | 0.00400 | ND |
| 4,4'-DDT | 50-29-3 | 0.00400 | ND |
| ENDRIN ALDEHYDE | 7421-93-4 | 0.00400 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 0.00400 | ND |
| METHOXYCHLOR | 72-43-5 | 0.00400 | ND |
| CHLORDANE | 57-74-9 | 0.00400 | ND |
| TOXAPHENE | 8001-35-2 | 0.0250 | ND |

| SURROGATE RECOVERY | % |
|--------------------|----|
| TCMX | 62 |
| DCBP | 73 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: AMC
DATE: 8/17/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-27-6*
LAB NO: 157378
DATE SAMPLED: 08/10/2017
TIME SAMPLED: 13:50
BATCH NO: 081017S1
DATE EXTRACTED: 08/11/2017
DATE ANALYZED: 08/14/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------|------------|--------------------|----------------|
| AROCLOR 1016 | 12674-11-2 | 25.0 | ND |
| AROCLOR 1221 | 11104-28-2 | 25.0 | ND |
| AROCLOR 1232 | 11141-16-5 | 25.0 | ND |
| AROCLOR 1242 | 53489-21-9 | 25.0 | ND |
| AROCLOR 1248 | 12672-29-6 | 25.0 | ND |
| AROCLOR 1254 | 11097-89-1 | 25.0 | ND |
| AROCLOR 1260 | 11096-82-5 | 25.0 | ND |

| SURROGATE RECOVERY | % |
|--------------------|-----|
| TCMX | 134 |
| DCBP | 127 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: *RMK*
DATE: 8/17/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: S-SB-28-6"
LAB NO: 157379
DATE SAMPLED: 08/10/2017
TIME SAMPLED: 13:48
BATCH NO: 081017S1
DATE EXTRACTED: 08/11/2017
DATE ANALYZED: 08/14/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------|------------|--------------------|----------------|
| AROCLOR 1016 | 12674-11-2 | 25.0 | ND |
| AROCLOR 1221 | 11104-28-2 | 25.0 | ND |
| AROCLOR 1232 | 11141-16-5 | 25.0 | ND |
| AROCLOR 1242 | 53469-21-9 | 25.0 | ND |
| AROCLOR 1248 | 12672-29-6 | 25.0 | ND |
| AROCLOR 1254 | 11097-69-1 | 25.0 | ND |
| AROCLOR 1260 | 11096-82-5 | 25.0 | ND |

| SURROGATE RECOVERY | % |
|--------------------|-----|
| TCMX | 121 |
| DCBP | 105 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: _____
DATE: 8/17/17

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE ID: BLIND DUPLICATE-3
LAB NO: 157380
DATE SAMPLED: 08/10/2017
TIME SAMPLED: NA
BATCH NO: 081017S1
DATE EXTRACTED: 08/11/2017
DATE ANALYZED: 08/14/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------|------------|--------------------|----------------|
| AROCLOR 1016 | 12674-11-2 | 25.0 | ND |
| AROCLOR 1221 | 11104-28-2 | 25.0 | ND |
| AROCLOR 1232 | 11141-16-5 | 25.0 | ND |
| AROCLOR 1242 | 53469-21-9 | 25.0 | ND |
| AROCLOR 1248 | 12672-29-6 | 25.0 | ND |
| AROCLOR 1254 | 11097-69-1 | 25.0 | ND |
| AROCLOR 1260 | 11096-82-5 | 25.0 | ND |

| SURROGATE RECOVERY | % |
|--------------------|-----|
| TCMX | 126 |
| DCBP | 117 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: _____
DATE: 8/17/17

K PRIME, INC.
LABORATORY REPORT

METHOD: TOTAL ARSENIC
REFERENCE: EPA 3050B/6020A

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE TYPE: SOIL
UNITS: mg/kg

| SAMPLE ID | LAB ID | BATCH # | DATE SAMPLED | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|-------------------|--------|----------|--------------|---------------|-----------------|-------------|
| S-SB-13-6" | 157371 | 081417S1 | 08/10/2017 | 08/16/2017 | 2.50 | 3.55 |
| S-SB-14-6" | 157372 | 081417S1 | 08/10/2017 | 08/16/2017 | 2.50 | 3.87 |
| S-SB-15-6" | 157373 | 081417S1 | 08/10/2017 | 08/16/2017 | 2.50 | 3.27 |
| S-SB-16-6" | 157374 | 081417S1 | 08/10/2017 | 08/16/2017 | 2.50 | 3.06 |
| S-SB-25-6" | 157376 | 081417S1 | 08/10/2017 | 08/16/2017 | 2.50 | 9.93 |
| S-SB-26-6" | 157377 | 081117S1 | 08/10/2017 | 08/17/2017 | 2.50 | 4.08 |
| S-SB-27-6" | 157378 | 081417S1 | 08/10/2017 | 08/16/2017 | 2.50 | 10.4 |
| S-SB-28-6" | 157379 | 081417S1 | 08/10/2017 | 08/16/2017 | 2.50 | 16.3 |
| BLIND DUPLICATE-3 | 157380 | 081417S1 | 08/10/2017 | 08/16/2017 | 2.50 | 33.5 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: *CH*

DATE: 8/18/2017

K PRIME, INC.
LABORATORY REPORT

METHOD: TOTAL LEAD
REFERENCE: EPA 3050B/6020A

K PRIME PROJECT: 9986
CLIENT PROJECT: 17-2382

SAMPLE TYPE: SOIL
UNITS: mg/kg

| SAMPLE ID | LAB ID | BATCH # | DATE SAMPLED | DATE ANALYZED | REPORTING LIMIT | SAMPLE CONC |
|-------------------|--------|----------|--------------|---------------|-----------------|-------------|
| S-SB-13-6" | 157371 | 081417S1 | 08/10/2017 | 08/16/2017 | 2.50 | 127 |
| S-SB-14-6" | 157372 | 081417S1 | 08/10/2017 | 08/16/2017 | 2.50 | 276 |
| S-SB-15-6" | 157373 | 081417S1 | 08/10/2017 | 08/16/2017 | 2.50 | 28.3 |
| S-SB-16-6" | 157374 | 081417S1 | 08/10/2017 | 08/16/2017 | 2.50 | 223 |
| S-SB-25-6" | 157376 | 081417S1 | 08/10/2017 | 08/16/2017 | 2.50 | 150 |
| S-SB-26-6" | 157377 | 081117S1 | 08/10/2017 | 08/17/2017 | 2.50 | 72.6 |
| S-SB-27-6" | 157378 | 081417S1 | 08/10/2017 | 08/16/2017 | 2.50 | 190 |
| S-SB-28-6" | 157379 | 081417S1 | 08/10/2017 | 08/16/2017 | 2.50 | 250 |
| BLIND DUPLICATE-3 | 157380 | 081417S1 | 08/10/2017 | 08/16/2017 | 2.50 | 299 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: ca

DATE: 8/18/2017

K PRIME, INC.
LABORATORY BATCH QC REPORT

METHOD BLANK ID: B080217S1
BATCH NO: 080217S1
DATE EXTRACTED: 08/02/2017
DATE ANALYZED: 08/03/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3650/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------|------------|--------------------|----------------|
| ALPHA-BHC | 319-84-8 | 2.00 | ND |
| BETA-BHC | 319-85-7 | 2.00 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 2.00 | ND |
| HEPTACHLOR | 76-44-8 | 2.00 | ND |
| DELTA-BHC | 319-86-8 | 2.00 | ND |
| ALDRIN | 309-00-2 | 2.00 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 2.00 | ND |
| ENDOSULFAN I | 959-98-8 | 2.00 | ND |
| 4,4'-DDE | 72-55-9 | 2.00 | ND |
| DIELDRIN | 60-57-1 | 2.00 | ND |
| ENDRIN | 72-20-8 | 2.00 | ND |
| 4,4'-DDD | 72-54-8 | 2.00 | ND |
| ENDOSULFAN II | 33213-65-9 | 2.00 | ND |
| 4,4'-DDT | 50-29-3 | 2.00 | ND |
| ENDRIN ALDEHYDE | 7421-93-4 | 2.00 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 2.00 | ND |
| METHOXYCHLOR | 72-43-5 | 2.00 | ND |
| CHLORDANE | 57-74-9 | 2.00 | ND |
| TOXAPHENE | 8001-35-2 | 12.5 | ND |

| SURROGATE RECOVERY | % |
|--------------------|----|
| TCMX | 77 |
| DCBP | 77 |

NOTES:

ND - NOT DETECTED ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: B080217S1
SPIKE ID: L080217S1
DUPLICATE ID: D080217S1
BATCH NO: 080217S1
DATE EXTRACTED: 08/02/2017
DATE ANALYZED: 08/03/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

| COMPOUND NAME | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|---------------------|----------------|------------------|-----------------|-----------------|---------------|
| GAMMA-BHC (LINDANE) | 125 | ND | 103 | 83 | 50-150 |
| HEPTACHLOR | 125 | ND | 99.9 | 80 | 50-150 |
| ALDRIN | 125 | ND | 103 | 82 | 50-150 |
| DIELDRIN | 125 | ND | 102 | 81 | 50-150 |
| ENDRIN | 125 | ND | 99.3 | 79 | 50-150 |
| DDT | 125 | ND | 115 | 92 | 50-150 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|---------------------|--------------------|-----------------|---------------------|------------|---------------|
| GAMMA-BHC (LINDANE) | 2.00 | 103 | 112 | 7.9 | ±40 |
| HEPTACHLOR | 2.00 | 99.9 | 112 | 11.3 | ±40 |
| ALDRIN | 2.00 | 103 | 114 | 10.6 | ±40 |
| DIELDRIN | 2.00 | 102 | 114 | 11.4 | ±40 |
| ENDRIN | 2.00 | 99.3 | 114 | 13.9 | ±40 |
| DDT | 2.00 | 115 | 138 | 18.6 | ±40 |

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

METHOD BLANK ID: B081117S1
BATCH NO: 081117S1
DATE EXTRACTED: 08/11/2017
DATE ANALYZED: 08/14/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|----------------------|----------------|----------------------------|------------------------|
| ALPHA-BHC | 319-84-6 | 2.00 | ND |
| BETA-BHC | 319-85-7 | 2.00 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 2.00 | ND |
| HEPTACHLOR | 76-44-8 | 2.00 | ND |
| DELTA-BHC | 319-86-8 | 2.00 | ND |
| ALDRIN | 309-00-2 | 2.00 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 2.00 | ND |
| ENDOSULFAN I | 959-98-8 | 2.00 | ND |
| 4,4'-DDE | 72-55-9 | 2.00 | ND |
| DIELDRIN | 60-57-1 | 2.00 | ND |
| ENDRIN | 72-20-8 | 2.00 | ND |
| 4,4'-DDD | 72-54-8 | 2.00 | ND |
| ENDOSULFAN II | 33213-85-9 | 2.00 | ND |
| 4,4'-DDT | 50-29-3 | 2.00 | ND |
| ENDRIN ALDEHYDE | 7421-93-4 | 2.00 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 2.00 | ND |
| METHOXYCHLOR | 72-43-5 | 2.00 | ND |
| CHLORDANE | 57-74-9 | 2.00 | ND |
| TOXAPHENE | 8001-35-2 | 12.5 | ND |

| SURROGATE RECOVERY | % |
|---------------------------|----------|
| TCMX | 98 |
| DCBP | 86 |

NOTES:

ND - NOT DETECTED ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: B081117S1
SPIKE ID: L081117S1
DUPLICATE ID: D081117S1
BATCH NO: 081117S1
DATE EXTRACTED: 08/11/2017
DATE ANALYZED: 08/14/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

| COMPOUND NAME | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|---------------------|----------------|------------------|-----------------|-----------------|---------------|
| GAMMA-BHC (LINDANE) | 125 | ND | 105 | 84 | 50-150 |
| HEPTACHLOR | 125 | ND | 104 | 83 | 50-150 |
| ALDRIN | 125 | ND | 129 | 103 | 50-150 |
| DIELDRIN | 125 | ND | 119 | 95 | 50-150 |
| ENDRIN | 125 | ND | 112 | 89 | 50-150 |
| DDT | 125 | ND | 94.4 | 75 | 50-150 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|---------------------|--------------------|-----------------|---------------------|------------|---------------|
| GAMMA-BHC (LINDANE) | 2.00 | 105 | 95.3 | 9.9 | ±40 |
| HEPTACHLOR | 2.00 | 104 | 95.6 | 8.6 | ±40 |
| ALDRIN | 2.00 | 129 | 113 | 13.8 | ±40 |
| DIELDRIN | 2.00 | 119 | 101 | 16.1 | ±40 |
| ENDRIN | 2.00 | 112 | 102 | 8.9 | ±40 |
| DDT | 2.00 | 94.4 | 102 | 8.2 | ±40 |

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: 157383
SPIKE ID: MS-157383
DUPLICATE ID: MSD-157383
BATCH NO: 081117S1
DATE EXTRACTED: 08/11/2017
DATE ANALYZED: 08/14/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

| COMPOUND NAME | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|---------------------|----------------|------------------|-----------------|-----------------|---------------|
| GAMMA-BHC (LINDANE) | 125 | ND | 104 | 83 | 50-150 |
| HEPTACHLOR | 125 | ND | 101 | 80 | 50-150 |
| ALDRIN | 125 | ND | 129 | 103 | 50-150 |
| DIELDRIN | 125 | ND | 118 | 94 | 50-150 |
| ENDRIN | 125 | ND | 111 | 89 | 50-150 |
| 4,4'-DDT | 125 | ND | 111 | 89 | 50-150 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|---------------------|--------------------|-----------------|---------------------|------------|---------------|
| GAMMA-BHC (LINDANE) | 2.00 | 104 | 99.6 | 4.0 | ±40 |
| HEPTACHLOR | 2.00 | 101 | 95.2 | 5.5 | ±40 |
| ALDRIN | 2.00 | 129 | 115 | 11.5 | ±40 |
| DIELDRIN | 2.00 | 118 | 109 | 7.8 | ±40 |
| ENDRIN | 2.00 | 111 | 99.7 | 10.9 | ±40 |
| 4,4'-DDT | 2.00 | 111 | 107 | 3.7 | ±40 |

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

METHOD BLANK ID: B081117W1
BATCH NO: 081117W1
DATE EXTRACTED: 08/11/2017
DATE ANALYZED: 08/16/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3610/8081

SAMPLE TYPE: WATER
UNITS: ug/L

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|---------------------|------------|--------------------|----------------|
| ALPHA-BHC | 319-84-6 | 0.00400 | ND |
| BETA-BHC | 319-85-7 | 0.00400 | ND |
| GAMMA-BHC (LINDANE) | 58-89-9 | 0.00400 | ND |
| HEPTACHLOR | 76-44-8 | 0.00400 | ND |
| DELTA-BHC | 319-86-8 | 0.00400 | ND |
| ALDRIN | 309-00-2 | 0.00400 | ND |
| HEPTACHLOR EPOXIDE | 1024-57-3 | 0.00400 | ND |
| ENDOSULFAN I | 959-98-8 | 0.00400 | ND |
| 4,4'-DDE | 72-55-9 | 0.00400 | ND |
| DIELDRIN | 60-57-1 | 0.00400 | ND |
| ENDRIN | 72-20-8 | 0.00400 | ND |
| 4,4'-DDD | 72-54-8 | 0.00400 | ND |
| ENDOSULFAN II | 33213-65-9 | 0.00400 | ND |
| 4,4'-DDT | 50-29-3 | 0.00400 | ND |
| ENDRIN ALDEHYDE | 7421-93-4 | 0.00400 | ND |
| ENDOSULFAN SULFATE | 1031-07-8 | 0.00400 | ND |
| METHOXYCHLOR | 72-43-5 | 0.00400 | ND |
| CHLORDANE | 57-74-9 | 0.00400 | ND |
| TOXAPHENE | 8001-35-2 | 0.0250 | ND |

| SURROGATE RECOVERY | % |
|--------------------|----|
| TCMX | 71 |
| DCBP | 93 |

NOTES:

ND - NOT DETECTED ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: B081117W1
SPIKE ID: L081117W1
DUPLICATE ID: D081117W1
BATCH NO: 081117W1
DATE EXTRACTED: 08/11/2017
DATE ANALYZED: 08/15/2017

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3510/8081

SAMPLE TYPE: WATER
UNITS: ug/L

ACCURACY (MATRIX SPIKE)

| COMPOUND NAME | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|---------------------|----------------|------------------|-----------------|-----------------|---------------|
| GAMMA-BHC (LINDANE) | 0.500 | ND | 0.401 | 80 | 50-150 |
| HEPTACHLOR | 0.500 | ND | 0.390 | 78 | 50-150 |
| ALDRIN | 0.500 | ND | 0.342 | 68 | 50-150 |
| DIELDRIN | 0.500 | ND | 0.400 | 80 | 50-150 |
| ENDRIN | 0.500 | ND | 0.425 | 85 | 50-150 |
| DDT | 0.500 | ND | 0.522 | 104 | 50-150 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|---------------------|--------------------|-----------------|---------------------|------------|---------------|
| GAMMA-BHC (LINDANE) | 0.00400 | 0.401 | 0.414 | 3.1 | ±40 |
| HEPTACHLOR | 0.00400 | 0.390 | 0.376 | 3.5 | ±40 |
| ALDRIN | 0.00400 | 0.342 | 0.339 | 0.8 | ±40 |
| DIELDRIN | 0.00400 | 0.400 | 0.385 | 3.9 | ±40 |
| ENDRIN | 0.00400 | 0.425 | 0.403 | 5.4 | ±40 |
| DDT | 0.00400 | 0.522 | 0.575 | 9.6 | ±40 |

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

METHOD BLANK ID: B081017S1
BATCH NO: 081017S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

| COMPOUND NAME | CAS NO. | REPORTING LIMIT | SAMPLE CONC |
|----------------------|----------------|----------------------------|------------------------|
| AROCLOR 1016 | 12674-11-2 | 25.0 | ND |
| AROCLOR 1221 | 11104-28-2 | 25.0 | ND |
| AROCLOR 1232 | 11141-16-5 | 25.0 | ND |
| AROCLOR 1242 | 53469-21-9 | 25.0 | ND |
| AROCLOR 1248 | 12672-29-6 | 25.0 | ND |
| AROCLOR 1254 | 11097-69-1 | 25.0 | ND |
| AROCLOR 1260 | 11096-82-5 | 25.0 | ND |

| SURROGATE RECOVERY | % |
|---------------------------|----------|
| TCMX | 139 |
| DCBP | 132 |

NOTES:

ND - NOT DETECTED ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: B081017S1
SPIKE ID: L081017S1
DUPLICATE ID: D081017S1
BATCH NO: 081017S1
DATE EXTRACTED: 08/10/2017
DATE ANALYZED: 08/11/2017

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3550/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

| COMPOUND NAME | SPIKE ADDED | SAMPLE RESULT | SPIKE RESULT | RECOVERY (%) | LIMITS (%) |
|---------------|----------------|------------------|-----------------|-----------------|---------------|
| AROCLOR 1260 | 625 | ND | 587 | 94 | 60-140 |

PRECISION (SPIKE DUPLICATE)

| COMPOUND NAME | REPORTING LIMIT | SPIKE RESULT | DUPLICATE RESULT | RPD (%) | LIMITS (%) |
|---------------|--------------------|-----------------|---------------------|------------|---------------|
| AROCLOR 1260 | 25.0 | 587 | 597 | 1.7 | ±20 |

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: L081117S1
DUPLICATE ID: D081117S1
METHOD BLANK ID: B081717S2
BATCH #: 081117S1
DATE ANALYZED: 08/16/2017

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050B/6020A

SAMPLE TYPE: SOIL
UNITS: mg/kg

| ELEMENT | | MB mg/kg | SA mg/kg | SR mg/kg | SP mg/kg | SPD mg/kg | SP %R | RPD % |
|---------|----|-------------|-------------|-------------|-------------|--------------|----------|----------|
| ARSENIC | As | <2.50 | 25.0 | 0.0 | 25.9 | 25.1 | 103 | 3.1 |
| LEAD | Pb | <2.50 | 25.0 | 0.0 | 27.2 | 27.0 | 109 | 1.0 |

NOTES:

ND: NOT DETECTED

MB: METHOD BLANK

SA: SPIKE ADDED

SR: SAMPLE RESULT

SP: SPIKE RESULT

SPD: SPIKE DUPLICATE RESULT

SP(%R): SPIKE % RECOVERY

RPD: RELATIVE PERCENT DIFFERENCE



August 16, 2017

Vista Work Order No. 1701021

Mr. Max Kruzic
EBA Engineering
825 Sonoma Avenue
Santa Rosa, CA 95404

Dear Mr. Kruzic,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on August 09, 2017. This sample set was analyzed on a rush turn-around time, under your Project Name 'Sonoma Developmental Center'.

Vista Analytical Laboratory is committed to serving you effectively. If you require additional information, please contact me at 916-673-1520 or by email at mmaier@vista-analytical.com.

Thank you for choosing Vista as part of your analytical support team.

Sincerely,

A handwritten signature in black ink that reads 'Martha Maier'. The signature is fluid and cursive, with the first name 'Martha' and last name 'Maier' clearly distinguishable.

Martha Maier
Laboratory Director



Vista Analytical Laboratory certifies that the report herein meets all the requirements set forth by NELAP for those applicable test methods. Results relate only to the samples as received by the laboratory. This report should not be reproduced except in full without the written approval of Vista.

Vista Work Order No. 1701021
Case Narrative

Sample Condition on Receipt:

Two solid samples were received in good condition and within the method temperature requirements. The samples were received and stored securely in accordance with Vista standard operating procedures and EPA methodology.

Analytical Notes:

EPA Method 1613B

These samples were extracted and analyzed for tetra-through-octa chlorinated dioxins and furans by EPA Method 1613B using a ZB-5MS GC column.

Holding Times

These samples were extracted and analyzed within the method hold times.

Quality Control

The Initial Calibration and Continuing Calibration Verifications met the method acceptance criteria.

A Method Blank and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with the preparation batch. No analytes were detected in the Method Blank. The OPR recoveries were within the method acceptance criteria.

Labeled standard recoveries for all QC and field samples were within method acceptance criteria.

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Sample Inventory Report

| Vista Sample ID | Client Sample ID | Sampled | Received | Components/Containers |
|----------------------------|-----------------------------|-----------------|-----------------|------------------------------|
| 1701021-01 | S-SB-33-6 | 08-Aug-17 09:33 | 09-Aug-17 10:43 | Amber Glass, 120 mL |
| 1701021-02 | S-SB-34-6 | 08-Aug-17 09:35 | 09-Aug-17 10:43 | Amber Glass, 120 mL |

ANALYTICAL RESULTS

Sample ID: Method Blank

EPA Method 1613B

| Matrix: Solid Sample Size: 10.0 g | | QC Batch: B7H0075 Date Extracted: 10-Aug-2017 13:13 | | Lab Sample: B7H0075-BLK1 Date Analyzed: 11-Aug-17 17:38 Column: ZB-5MS | | | |
|--------------------------------------|--------------|--|------|---|------|----------|------------|
| Analyte | Conc. (pg/g) | DL | EMPC | Labeled Standard | %R | LCL-UCL | Qualifiers |
| 2,3,7,8-TCDD | ND | 0.0419 | | IS 13C-2,3,7,8-TCDD | 91.8 | 25 - 164 | |
| 1,2,3,7,8-PeCDD | ND | 0.0698 | | 13C-1,2,3,7,8-PeCDD | 107 | 25 - 181 | |
| 1,2,3,4,7,8-HxCDD | ND | 0.0871 | | 13C-1,2,3,4,7,8-HxCDD | 89.6 | 32 - 141 | |
| 1,2,3,6,7,8-HxCDD | ND | 0.0881 | | 13C-1,2,3,6,7,8-HxCDD | 97.0 | 28 - 130 | |
| 1,2,3,7,8,9-HxCDD | ND | 0.0863 | | 13C-1,2,3,7,8,9-HxCDD | 94.4 | 32 - 141 | |
| 1,2,3,4,6,7,8-HpCDD | ND | 0.0427 | | 13C-1,2,3,4,6,7,8-HpCDD | 92.4 | 23 - 140 | |
| OCDD | ND | 0.0786 | | 13C-OCDD | 90.7 | 17 - 157 | |
| 2,3,7,8-TCDF | ND | 0.0636 | | 13C-2,3,7,8-TCDF | 74.9 | 24 - 169 | |
| 1,2,3,7,8-PeCDF | ND | 0.0576 | | 13C-1,2,3,7,8-PeCDF | 105 | 24 - 185 | |
| 2,3,4,7,8-PeCDF | ND | 0.0561 | | 13C-2,3,4,7,8-PeCDF | 107 | 21 - 178 | |
| 1,2,3,4,7,8-HxCDF | ND | 0.0513 | | 13C-1,2,3,4,7,8-HxCDF | 90.8 | 26 - 152 | |
| 1,2,3,6,7,8-HxCDF | ND | 0.0541 | | 13C-1,2,3,6,7,8-HxCDF | 90.4 | 26 - 123 | |
| 2,3,4,6,7,8-HxCDF | ND | 0.0564 | | 13C-2,3,4,6,7,8-HxCDF | 93.4 | 28 - 136 | |
| 1,2,3,7,8,9-HxCDF | ND | 0.0734 | | 13C-1,2,3,7,8,9-HxCDF | 93.3 | 29 - 147 | |
| 1,2,3,4,6,7,8-HpCDF | ND | 0.0376 | | 13C-1,2,3,4,6,7,8-HpCDF | 92.3 | 28 - 143 | |
| 1,2,3,4,7,8,9-HpCDF | ND | 0.0405 | | 13C-1,2,3,4,7,8,9-HpCDF | 90.7 | 26 - 138 | |
| OCDF | ND | 0.142 | | 13C-OCDF | 88.5 | 17 - 157 | |
| | | | | CRS 37Cl-2,3,7,8-TCDD | 98.2 | 35 - 197 | |
| TOTALS | | | | Toxic Equivalent Quotient (TEQ) Data (pg/g dry wt) | | | |
| | | | | TEQMinWHO2005Dioxin | | 0.00 | |
| Total TCDD | ND | 0.0419 | | | | | |
| Total PeCDD | ND | 0.0698 | | | | | |
| Total HxCDD | ND | 0.0873 | | | | | |
| Total HpCDD | ND | 0.0427 | | | | | |
| Total TCDF | ND | 0.0636 | | | | | |
| Total PeCDF | ND | 0.0568 | | | | | |
| Total HxCDF | ND | 0.0583 | | | | | |
| Total HpCDF | ND | 0.0389 | | | | | |

DL - Sample specific estimated detection limit

EMPC - Estimated maximum possible concentration

LCL-UCL - Lower control limit - upper control limit

The results are reported in dry weight. The sample size is reported in wet weight.

Min-The TEQ is calculated using zero for the concentration of congeners that are not detected.

| Sample ID: OPR | | EPA Method 1613B | | | | | | |
|---------------------|-----------------------------------|--------------------------------|----------------|----------|-----|-------------------------|------|----------|
| Matrix: Solid | QC Batch: B7H0075 | Lab Sample: B7H0075-BS1 | | | | | | |
| Sample Size: 10.0 g | Date Extracted: 10-Aug-2017 13:13 | Date Analyzed: 11-Aug-17 16:02 | Column: ZB-5MS | | | | | |
| Analyte | Amt. Found (pg/g) | Spike Amt | %R | Limits | IS | Labeled Standard | %R | LCL-UCL |
| 2,3,7,8-TCDD | 18.4 | 20.0 | 92.2 | 67 - 158 | | 13C-2,3,7,8-TCDD | 81.2 | 20 - 175 |
| 1,2,3,7,8-PeCDD | 101 | 100 | 101 | 70 - 142 | | 13C-1,2,3,7,8-PeCDD | 103 | 21 - 227 |
| 1,2,3,4,7,8-HxCDD | 98.0 | 100 | 98.0 | 70 - 164 | | 13C-1,2,3,4,7,8-HxCDD | 100 | 21 - 193 |
| 1,2,3,6,7,8-HxCDD | 99.9 | 100 | 99.9 | 76 - 134 | | 13C-1,2,3,6,7,8-HxCDD | 102 | 25 - 163 |
| 1,2,3,7,8,9-HxCDD | 102 | 100 | 102 | 64 - 162 | | 13C-1,2,3,7,8,9-HxCDD | 99.8 | 21 - 193 |
| 1,2,3,4,6,7,8-HpCDD | 103 | 100 | 103 | 70 - 140 | | 13C-1,2,3,4,6,7,8-HpCDD | 96.2 | 26 - 166 |
| OCDD | 206 | 200 | 103 | 78 - 144 | | 13C-OCDD | 95.0 | 13 - 199 |
| 2,3,7,8-TCDF | 18.3 | 20.0 | 91.4 | 75 - 158 | | 13C-2,3,7,8-TCDF | 62.6 | 22 - 152 |
| 1,2,3,7,8-PeCDF | 99.6 | 100 | 99.6 | 80 - 134 | | 13C-1,2,3,7,8-PeCDF | 101 | 21 - 192 |
| 2,3,4,7,8-PeCDF | 99.8 | 100 | 99.8 | 68 - 160 | | 13C-2,3,4,7,8-PeCDF | 102 | 13 - 328 |
| 1,2,3,4,7,8-HxCDF | 103 | 100 | 103 | 72 - 134 | | 13C-1,2,3,4,7,8-HxCDF | 85.4 | 19 - 202 |
| 1,2,3,6,7,8-HxCDF | 101 | 100 | 101 | 84 - 130 | | 13C-1,2,3,6,7,8-HxCDF | 94.5 | 21 - 159 |
| 2,3,4,6,7,8-HxCDF | 97.7 | 100 | 97.7 | 70 - 156 | | 13C-2,3,4,6,7,8-HxCDF | 100 | 22 - 176 |
| 1,2,3,7,8,9-HxCDF | 101 | 100 | 101 | 78 - 130 | | 13C-1,2,3,7,8,9-HxCDF | 94.8 | 17 - 205 |
| 1,2,3,4,6,7,8-HpCDF | 100 | 100 | 100 | 82 - 122 | | 13C-1,2,3,4,6,7,8-HpCDF | 91.3 | 21 - 158 |
| 1,2,3,4,7,8,9-HpCDF | 101 | 100 | 101 | 78 - 138 | | 13C-1,2,3,4,7,8,9-HpCDF | 95.0 | 20 - 186 |
| OCDF | 197 | 200 | 98.5 | 63 - 170 | | 13C-OCDF | 92.7 | 13 - 199 |
| | | | | | CRS | 37Cl-2,3,7,8-TCDD | 85.4 | 31 - 191 |

LCL-UCL - Lower control limit - upper control limit

Sample ID: S-SB-33-6

EPA Method 1613B

| Client Data | | Sample Data | | Laboratory Data | | | | |
|---------------------|-----------------------------|--------------|--------|-----------------|---|------|----------|------------|
| Name: | EBA Engineering | Matrix: | Solid | Lab Sample: | 1701021-01 | | | |
| Project: | Sonoma Developmental Center | Sample Size: | 11.2 g | QC Batch: | B7H0075 | | | |
| Date Collected: | 08-Aug-2017 9:33 | % Solids: | 89.2 | Date Analyzed: | 12-Aug-17 00:48 | | | |
| | | | | Column: | ZB-5MS | | | |
| Date Received: | 09-Aug-2017 10:43 | | | | | | | |
| Date Extracted: | 10-Aug-2017 13:13 | | | | | | | |
| Analyte | Conc. (pg/g) | DL | EMPC | Qualifiers | Labeled Standard | %R | LCL-UCL | Qualifiers |
| 2,3,7,8-TCDD | ND | | 0.234 | | 13C-2,3,7,8-TCDD | 82.0 | 25 - 164 | |
| 1,2,3,7,8-PeCDD | 0.443 | | | J | 13C-1,2,3,7,8-PeCDD | 117 | 25 - 181 | |
| 1,2,3,4,7,8-HxCDD | 0.342 | | | J | 13C-1,2,3,4,7,8-HxCDD | 93.2 | 32 - 141 | |
| 1,2,3,6,7,8-HxCDD | 0.765 | | | J | 13C-1,2,3,6,7,8-HxCDD | 92.6 | 28 - 130 | |
| 1,2,3,7,8,9-HxCDD | 0.748 | | | J | 13C-1,2,3,7,8,9-HxCDD | 89.7 | 32 - 141 | |
| 1,2,3,4,6,7,8-HpCDD | 7.17 | | | | 13C-1,2,3,4,6,7,8-HpCDD | 91.4 | 23 - 140 | |
| OCDD | 32.8 | | | | 13C-OCDD | 88.7 | 17 - 157 | |
| 2,3,7,8-TCDF | ND | | 0.348 | | 13C-2,3,7,8-TCDF | 65.9 | 24 - 169 | |
| 1,2,3,7,8-PeCDF | ND | | 0.445 | | 13C-1,2,3,7,8-PeCDF | 103 | 24 - 185 | |
| 2,3,4,7,8-PeCDF | 0.966 | | | J | 13C-2,3,4,7,8-PeCDF | 112 | 21 - 178 | |
| 1,2,3,4,7,8-HxCDF | 0.774 | | | J | 13C-1,2,3,4,7,8-HxCDF | 87.8 | 26 - 152 | |
| 1,2,3,6,7,8-HxCDF | 0.863 | | | J | 13C-1,2,3,6,7,8-HxCDF | 87.0 | 26 - 123 | |
| 2,3,4,6,7,8-HxCDF | 0.966 | | | J | 13C-2,3,4,6,7,8-HxCDF | 92.7 | 28 - 136 | |
| 1,2,3,7,8,9-HxCDF | ND | 0.0949 | | | 13C-1,2,3,7,8,9-HxCDF | 90.8 | 29 - 147 | |
| 1,2,3,4,6,7,8-HpCDF | 4.72 | | | | 13C-1,2,3,4,6,7,8-HpCDF | 86.0 | 28 - 143 | |
| 1,2,3,4,7,8,9-HpCDF | 0.390 | | | J | 13C-1,2,3,4,7,8,9-HpCDF | 90.8 | 26 - 138 | |
| OCDF | 6.53 | | | | 13C-OCDF | 88.3 | 17 - 157 | |
| | | | | | CRS 37Cl-2,3,7,8-TCDD | 88.9 | 35 - 197 | |
| TOTALS | | | | | Toxic Equivalent Quotient (TEQ) Data (pg/g dry wt) | | | |
| | | | | | TEQ _{Min} WHO2005Dioxin | 1.31 | | |
| Total TCDD | 2.39 | | 3.54 | | | | | |
| Total PeCDD | 5.44 | | 6.19 | | | | | |
| Total HxCDD | 9.71 | | 11.4 | | | | | |
| Total HpCDD | 14.4 | | | | | | | |
| Total TCDF | 5.83 | | 8.70 | | | | | |
| Total PeCDF | 4.85 | | 7.41 | | | | | |
| Total HxCDF | 7.69 | | 8.35 | | | | | |
| Total HpCDF | 9.37 | | 9.83 | | | | | |

DL - Sample specific estimated detection limit

EMPC - Estimated maximum possible concentration

LCL-UCL- Lower control limit - upper control limit

The results are reported in dry weight. The sample size is reported in wet weight.

Min-The TEQ is calculated using zero for the concentration of congeners that are not detected.

Sample ID: S-SB-34-6

EPA Method 1613B

| Client Data | | Sample Data | | Laboratory Data | | | |
|---------------------|-----------------------------|--------------|--------|---|-------------------|----------|------------|
| Name: | EBA Engineering | Matrix: | Solid | Lab Sample: | 1701021-02 | | |
| Project: | Sonoma Developmental Center | Sample Size: | 12.4 g | QC Batch: | B7H0075 | | |
| Date Collected: | 08-Aug-2017 9:35 | % Solids: | 79.9 | Date Analyzed: | 12-Aug-17 00:00 | | |
| | | | | Column: | ZB-5MS | | |
| | | | | Column: | DB-225 | | |
| | | | | Date Received: | 09-Aug-2017 10:43 | | |
| | | | | Date Extracted: | 10-Aug-2017 13:13 | | |
| Analyte | Conc. (pg/g) | DL | EMPC | Labeled Standard | %R | LCL-UCL | Qualifiers |
| 2,3,7,8-TCDD | 5.35 | | | 13C-2,3,7,8-TCDD | 71.2 | 25 - 164 | |
| 1,2,3,7,8-PeCDD | 22.8 | | | 13C-1,2,3,7,8-PeCDD | 105 | 25 - 181 | |
| 1,2,3,4,7,8-HxCDD | 20.9 | | | 13C-1,2,3,4,7,8-HxCDD | 91.0 | 32 - 141 | |
| 1,2,3,6,7,8-HxCDD | 38.7 | | | 13C-1,2,3,6,7,8-HxCDD | 96.7 | 28 - 130 | |
| 1,2,3,7,8,9-HxCDD | 30.7 | | | 13C-1,2,3,7,8,9-HxCDD | 92.0 | 32 - 141 | |
| 1,2,3,4,6,7,8-HpCDD | 236 | | | 13C-1,2,3,4,6,7,8-HpCDD | 92.9 | 23 - 140 | |
| OCDD | 603 | | | 13C-OCDD | 89.7 | 17 - 157 | |
| 2,3,7,8-TCDF | 34.5 | | | 13C-2,3,7,8-TCDF | 55.8 | 24 - 169 | |
| 1,2,3,7,8-PeCDF | 49.5 | | | 13C-1,2,3,7,8-PeCDF | 91.5 | 24 - 185 | |
| 2,3,4,7,8-PeCDF | 51.1 | | | 13C-2,3,4,7,8-PeCDF | 100 | 21 - 178 | |
| 1,2,3,4,7,8-HxCDF | 63.1 | | | 13C-1,2,3,4,7,8-HxCDF | 90.9 | 26 - 152 | |
| 1,2,3,6,7,8-HxCDF | 57.0 | | | 13C-1,2,3,6,7,8-HxCDF | 90.8 | 26 - 123 | |
| 2,3,4,6,7,8-HxCDF | 62.4 | | | 13C-2,3,4,6,7,8-HxCDF | 91.9 | 28 - 136 | |
| 1,2,3,7,8,9-HxCDF | 5.41 | | | 13C-1,2,3,7,8,9-HxCDF | 90.8 | 29 - 147 | |
| 1,2,3,4,6,7,8-HpCDF | 177 | | | 13C-1,2,3,4,6,7,8-HpCDF | 89.7 | 28 - 143 | |
| 1,2,3,4,7,8,9-HpCDF | 17.0 | | | 13C-1,2,3,4,7,8,9-HpCDF | 90.7 | 26 - 138 | |
| OCDF | 114 | | | 13C-OCDF | 90.2 | 17 - 157 | |
| | | | | CRS 37Cl-2,3,7,8-TCDD | 77.7 | 35 - 197 | |
| TOTALS | | | | Toxic Equivalent Quotient (TEQ) Data (pg/g dry wt) | | | |
| | | | | TEQMinWHO2005Dioxin | | 80.8 | |
| Total TCDD | 484 | | | | | | |
| Total PeCDD | 649 | | | | | | |
| Total HxCDD | 766 | | | | | | |
| Total HpCDD | 471 | | | | | | |
| Total TCDF | 972 | | | | | | |
| Total PeCDF | 765 | | | | | | |
| Total HxCDF | 515 | | | | | | |
| Total HpCDF | 284 | | | | | | |

DL - Sample specific estimated detection limit

EMPC - Estimated maximum possible concentration

LCL-UCL - Lower control limit - upper control limit

The results are reported in dry weight. The sample size is reported in wet weight.

Min-The TEQ is calculated using zero for the concentration of congeners that are not detected.

DATA QUALIFIERS & ABBREVIATIONS

| | |
|--------------|--|
| B | This compound was also detected in the method blank. |
| D | Dilution |
| E | The associated compound concentration exceeded the calibration range of the instrument. |
| H | Recovery and/or RPD was outside laboratory acceptance limits. |
| I | Chemical Interference |
| J | The amount detected is below the Reporting Limit/LOQ. |
| M | Estimated Maximum Possible Concentration. (CA Region 2 projects only) |
| * | See Cover Letter |
| Conc. | Concentration |
| NA | Not applicable |
| ND | Not Detected |
| TEQ | Toxic Equivalency |

Unless otherwise noted, solid sample results are reported in dry weight. Tissue samples are reported in wet weight.

CERTIFICATIONS

| Accrediting Authority | Certificate Number |
|---|---------------------------|
| Arkansas Department of Environmental Quality | 17-015-0 |
| California Department of Health – ELAP | 2892 |
| DoD ELAP - A2LA Accredited - ISO/IEC 17025:2005 | 3091.01 |
| Florida Department of Health | E87777-18 |
| Hawaii Department of Health | N/A |
| Louisiana Department of Environmental Quality | 01977 |
| Maine Department of Health | 2016026 |
| Minnesota Department of Health | 1175673 |
| New Hampshire Environmental Accreditation Program | 207716 |
| New Jersey Department of Environmental Protection | CA003 |
| New York Department of Health | 11411 |
| Oregon Laboratory Accreditation Program | 4042-008 |
| Pennsylvania Department of Environmental Protection | 013 |
| Texas Commission on Environmental Quality | T104704189-17-8 |
| Virginia Department of General Services | 8621 |
| Washington Department of Ecology | C584 |
| Wisconsin Department of Natural Resources | 998036160 |

Current certificates and lists of licensed parameters are located in the Quality Assurance office and are available upon request.

NELAP Accredited Test Methods

| MATRIX: Air | |
|--|--------|
| Description of Test | Method |
| Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans | EPA 23 |

| MATRIX: Biological Tissue | |
|---|----------------|
| Description of Test | Method |
| Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS | EPA 1613B |
| Brominated Diphenyl Ethers by HRGC/HRMS | EPA 1614A |
| Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS | EPA 1668A/C |
| Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS | EPA 1699 |
| Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS | EPA 537 |
| Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS | EPA 8280A/B |
| Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS | EPA 8290/8290A |

| MATRIX: Drinking Water | |
|--|----------|
| Description of Test | Method |
| 2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD) GC/HRMS | EPA 1613 |
| Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS | EPA 537 |

| MATRIX: Non-Potable Water | |
|---|----------------|
| Description of Test | Method |
| Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS | EPA 1613B |
| Brominated Diphenyl Ethers by HRGC/HRMS | EPA 1614A |
| Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS | EPA 1668A/C |
| Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS | EPA 1699 |
| Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS | EPA 537 |
| Dioxin by GC/HRMS | EPA 613 |
| Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS | EPA 8280A/B |
| Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS | EPA 8290/8290A |

| MATRIX: Solids | |
|---|-----------|
| Description of Test | Method |
| Tetra-Octa Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS | EPA 1613 |
| Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope | EPA 1613B |

| | |
|---|----------------|
| Dilution GC/HRMS | |
| Brominated Diphenyl Ethers by HRGC/HRMS | EPA 1614A |
| Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS | EPA 1668A/C |
| Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS | EPA 537 |
| Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS | EPA 8280A/B |
| Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS | EPA 8290/8290A |



Sample Log-in Checklist

Vista Work Order #: 1701021 TAT 7 days

| | | | |
|-----------------------------------|--|---|---------------------------|
| Samples Arrival: | Date/Time 8/9/17 1043 | Initials: WKS | Location: WR-2 |
| | | | Shelf/Rack: N/A |
| Logged In: | Date/Time 8/9/17 1101 | Initials: WKS | Location: WR-2 |
| | | | Shelf/Rack: F-2 |
| Delivered By: | FedEx <u>UPS</u> On Trac GSO DHL Hand Delivered Other | | |
| Preservation: | Ice <u>Blue Ice</u> Dry Ice None | | |
| Temp °C: 5.9 (uncorrected) | Time: 1053 | Thermometer ID: DT-i WKS 1R-T 8/9/17 | |
| Temp °C: 5.5 (corrected) | Probe used: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | |

| | YES | NO | NA |
|--|---|----|----|
| Adequate Sample Volume Received? | ✓ | | |
| Holding Time Acceptable? | ✓ | | |
| Shipping Container(s) Intact? | ✓ | | |
| Shipping Custody Seals Intact? | ✓ | | |
| Shipping Documentation Present? | ✓ | | |
| Airbill | Trk # 1Z 6X1 62E 01 9445 0184 | ✓ | |
| Sample Container Intact? | ✓ | | |
| Sample Custody Seals Intact? | | | ✓ |
| Chain of Custody / Sample Documentation Present? | ✓ | | |
| COC Anomaly/Sample Acceptance Form completed? | | ✓ | ✓ |
| If Chlorinated or Drinking Water Samples, Acceptable Preservation? | | | ✓ |
| Preservation Documented: | Na ₂ S ₂ O ₃ Trizma <u>None</u> Yes <u>No</u> NA | | |
| Shipping Container | <u>Vista</u> Client <u>Retain</u> Return Dispose | | |

Comments: