Appendix D
Phase II ESA Report

Attachment 1: Map of October 1 Sample Locations
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APPENDIX D

PHASE II ESA Report
FORM Energy Site
Redwood Valley, CA
October 16, 2023

On behalf of the California Energy Commission, Risk Science Associates presents this Report on the results of the October 2, 2023 sampling and subsequent laboratory analysis of soils at the site of the PG&E Substation, Redwood Valley, CA., where the FORM Energy Project is proposed to be located. This Report was prepared based on the results of laboratory analyses and site observations.

Background

The Sampling and Analysis Plan (SAP) (attached) was based on the understanding that the placement of battery energy storage system components, which will involve soil disturbance (excavations and grading), might cause the release of unknown hazardous wastes thus potentially presenting a health hazard to trenching/excavation workers, those involved in the laying of subsurface cables, and possibly the off-site public. Furthermore, consistent with CEQA, the Energy Commission is exercising due diligence.

Sample Collection

All samples were obtained in a random sampling method by choosing two locations in each of three discrete areas where soil disturbance would be conducted. As described in the SAP, soil samples were obtained following industry and regulatory agency standard protocols using a slide hammer with a split-core sampler. Samples were collected at two locations in each of the areas of proposed Power Block 1 and 2, and along the proposed 880-foot subsurface trench connecting the two power blocks (see Map 1).

At each of the 6 locations, samples were obtained at depths of approximately 0.5-feet below ground surface (bgs) and at 3-feet bgs. All of the actual locations (Map 2) were within a reasonable distance of the locations initially selected and described on the map attached to the SAP. Location SB-03 was altered slightly due to its current use as parking area for heavy trucks. Also, at location SB-03, resistance to the auger resulted in obtaining the deeper sample at ~2.5-feet bgs instead of the planned 3-foot depth. These slight

differences in actual sampling locations and depths are not unexpected when conducting sampling at an unknown site.

Analysis

As described in the SAP, the following analytes were analyzed by the lab using the following methods. All lab results are attached.
1. Title 22 metals by EPA Method 6020 plus Method 245.5 for Hg
2. TPH (DRO and HRO) by EPA Method 8015b
3. PCBs by EPA Method 8082A
4. Pesticides: Organochlorine pesticides (OCP), including DDT and degradation products by EPA Method 8081; Organophosphate pesticides (OPP) by EPA Method 8141; and Chlorinated herbicides (CH) by EPA Method 8151).
5. pH and soil moisture

Also, as per the SAP, the equipment blank was not analyzed because contaminants were not found at levels that posed a potential unacceptable risk or hazard to site users.

Results and Conclusion

For all samples analyzed, none of the analytes listed above (except metals which are found in all soils because they are naturally occurring) were found above the analytical Reporting Limit (RL). This means that no petroleum hydrocarbons (as diesel fuel or motor oil) were found in the samples; no PCBs were found; and no pesticides/herbicides (except one) were found.

One sample was found to contain a very low level of Chlordane, a chlorinated pesticide used in agriculture in the United States until the US EPA banned all uses of chlordane in 1983 except to control termites. In 1988, EPA banned even that use. The level of Chlordane found at sample location SB-01 at ~3 to 6 inches soil depth (near the north fence-line of proposed Power Block 1) was 4.31 micrograms per kilogram of soil, which is more than 81 times less than the most health-protective residential soil removal level of 350 micrograms per kilogram listed by the U.S. EPA Regional Management Removal Levels [RMML] (US EPA 2023a) and 17,865 times less than the US EPA *Regional Soil Screening Level* for industrial use sites (US EPA 2023b). Chlordane exists for a very long time in the environment and has very little mobility in soil. According to the Agency for Toxic Substances and Disease Registry (ATSDR 2018). Toxicological profile for chlordane. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service), "*Chlordane sticks strongly to soil particles at the surface, so it is not likely to move into groundwater. It can stay in the soil for over 20 years. Most of this chemical will leave the soil by evaporating into the air. Chlordane does not dissolve easily in the water and will stick to the sediment at the bottom of water bodies. Chlordane in the environment breaks down slowly. It can build up in fish, birds, and land animals*". This can explain why it was found a very low level in the shallow soil sample but not the deeper soil sample.

All metals were found to be below the natural background levels or range of concentrations expected for this area of California (USGS 2023; Napa County 2018).

These results serve as the basis for recommending that No Further Action be taken to further characterize the proposed site. It is doubtful that any further sampling would find any different result.

Alvin J. Greenberg, Ph.D., QEP(emeritus)

Attachments:
Map 1 showing October 2 sample locations
Sampling and Analysis Plan (SAP)
Proposed sample locations
Lab Report from K Prime Laboratory
Table 1 Metals found in soil samples
Photos
Field notes
Boring logs

References

Agency for Toxic Substances and Disease Registry (ATSDR) 2018. Toxicological profile for chlordane. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service. Found at https://wwwn.cdc.gov/TSP/ToxProfiles/ToxProfiles.aspx?id=355&tid=62

Napa County 2018. Soil Cleanup Goals. Available online at: https://www.countyofnapa.org/DocumentCenter/View/7998/Napa-County-Fire-BKGD-20180214-V2. Accessed in August 2023

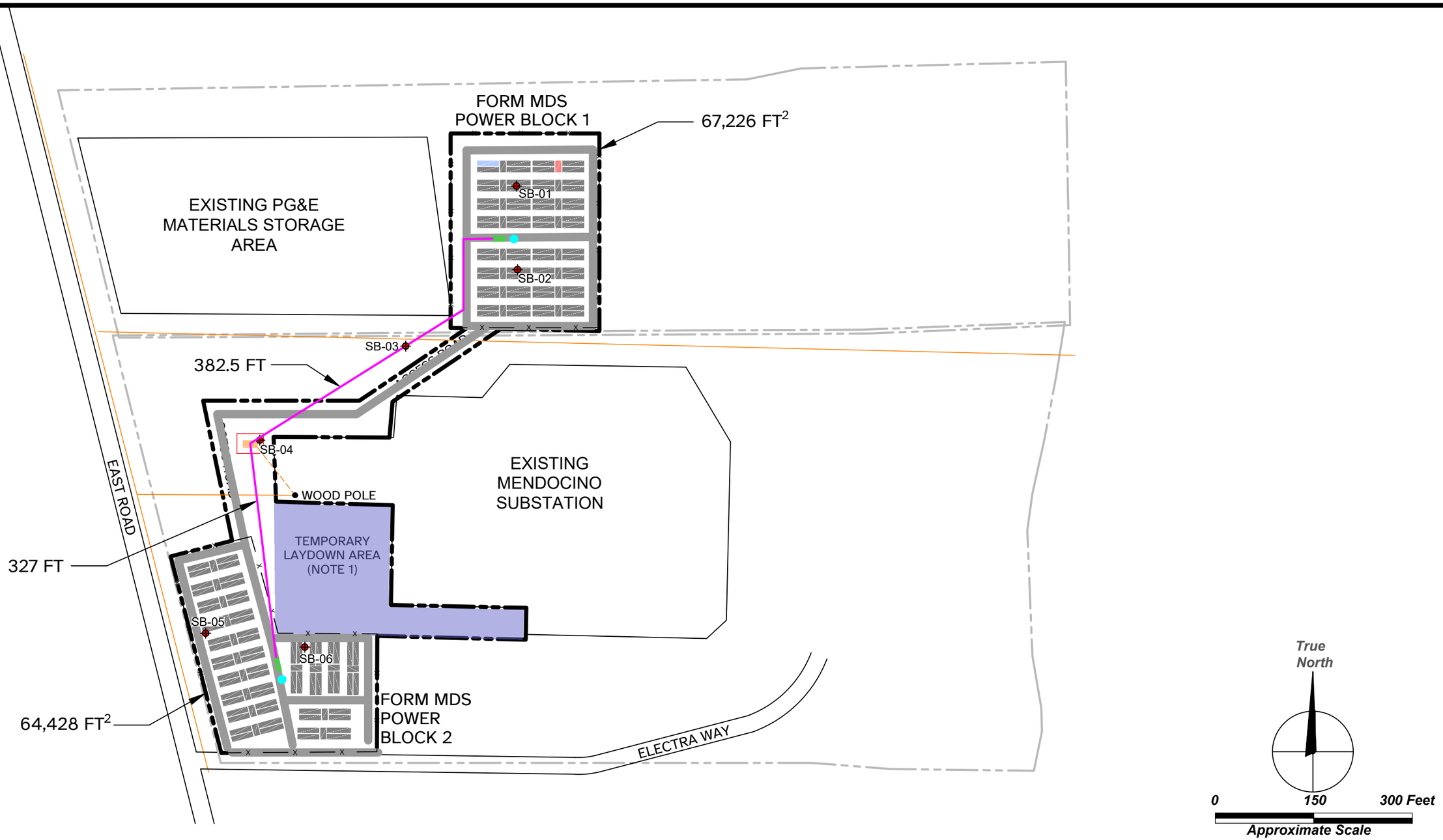
US EPA 2023a. United States Environmental Protection Agency (US EPA). Regional Removal Management Level (RML) Resident Soil Table May 2023. https://www.epa.gov/risk/regional-removal-management-levels-rmls-chemical-contaminants. Accessed in October 2023.

US EPA 2023b. Regional Screening Levels (RSLs) – Composite Worker Soil. https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables. Accessed in October 2023.

USGS 2023. United States Geological Survey (USGS). Average Concentrations of Elements in Mendocino County, California. Available online at: https://mrdata.usgs.gov/geochem/county.php?place=f06045&el=Se&rf=southwestern. Accessed in October 2023.

Attachment 1

Map of October 1 Sample Locations



Source Drawings: Figure 4-3 Site Plan Form Energy, Inc.

Explanation

- REPORTED FORM ENERGY PROJECT AREA PROPOSED FUTURE ~880 FT
- TRENCH FOR MEDIUM VOLTAGE (MV) COLLECTION
- PARCEL BOUNDARY
- PROPOSED FUTURE ACCESS ROAD
- PROPOSED FUTURE PAD-MOUNTED SWITCHGEAR
- 12 kV POINT OF INTERCONNECTION
- WATER STORAGE
- EXISTING 12 KV OVERHEAD DISTRIBUTION
- PROPOSED FUTURE NEW 12 kV OVERHEAD DISTRIBUTION
- FENCE
- PROPOSED BORING LOCATION
- PROPOSED FUTURE FORM MDS DC BATTERY ENCLOSURE (TYP. 1 OF 64/POWER BLOCK)
- PROPOSED FUTURE FORM MDS AUXILIARY ENCLOSURE (TYP. 1 OF 16/POWER BLOCK)
- PROPOSED FUTURE POWER BLOCK HUB AREA INVERTER AND MV STEP-UP TRANSFORMER AND DC COMBINER (IF NEEDED)

NOTES:

1. TEMPORARY LAYDOWN AREA EXCLUDED FROM SAMPLING AREA
2. ALL LOCATIONS APPROXIMATE. NO SURVEY CONDUCTED

GeoKinetics
Geotechnical & Enviornmental Engineers

Project No: 23028-001
Global ID:
Local ID:

FORM ENERGY
7399 EAST ROAD
REDWOOD VALLEY, CALIFORNIA

SEP 2023
Drawn By KND

Figure Name: **SITE MAP**
Figure No: 1

\\Geokinetics\GK Environmental - Documents\Graphics\23000s\23028-001 Form Energy\CAD\23028-001.dwg

Attachment 2

Sampling and Analysis Plan

Risk Science Associates
Risk Assessment
Toxicology
Hazardous Materials Management
Process Safety Management
Infrastructure Security

September 20, 2023

SUBJECT: PHASE II ESA Sampling and Analysis Plan
FORM Energy Site
7399 East Road, Redwood Valley, CA
Redwood Valley, CA

On behalf of the California Energy Commission, Risk Science Associates presents this Sampling and Analysis Plan (SAP) for the determination of potential contamination that may exist at the site of the PG&E Substation, Redwood Valley, Ca., where the FORM Energy project is proposed to be located. This SAP was prepared based on our understanding of the project needs, discussion during phone conversations, and results of a Phase I ESA conducted on part of the site in 2002. Tasks included in this SAP are sample collection, review/evaluation of laboratory analysis, and report preparation.

Background

Risk Science Associates designed this SAP based on our understanding of the project requirements. Concern has been expressed that the placement of battery energy storage system components, which will involve soil disturbance (excavations and grading), might cause the release of unknown hazardous wastes thus potentially presenting a health hazard to trenching/excavation workers, those involved in the laying of subsurface cables, and possibly the off-site public. Furthermore, consistent with CEQA, the Energy Commission is exercising due diligence.

The purpose of this SAP is to determine the presence and the levels of certain contaminants in the near-surface soils and at depth (due to downward migration), assess whether any presence of contaminants at the site poses an unacceptable risk or hazard to workers or the off-site public, and recommend further testing and/or remedial alternatives as appropriate. No Further Action is also an option.

Sample Collection

Analytes

1. Title 22 CCR metals
2. Total Petroleum Hydrocarbons (TPH separated as diesel and motor oil fractions)
3. Polychlorinated biphenyls (PCBs)
4. Pesticides
5. Soil pH

Number of Samples

12 discrete samples at 6 locations, two depths
1 equipment blank (test for metals only*)
TOTAL samples: 13

*The equipment blank will not be analyzed pending results of sample analyses. If contaminants are found at levels that pose a potential unacceptable risk or hazard to site users, then the equipment blank will be analyzed.)

Locations

Six (6) sampling locations will include 2 in each of these areas (see attached diagram):

1. the 880-ft trench that is planned to run between the power blocks
2. Power Block 1
3. Power Block 2

It is believed that reference locations will not be needed because (1) natural background levels for metals are readily available in the regulatory and scientific literature, and (2) regulatory non-hazardous levels for VOCs, TPH, Pesticides, and PCBs are readily available from Cal EPA and US EPA.

Protocol for Soil Samples

1. Soil samples shall be obtained following industry and regulatory agency standard protocols using either a hand auger or a slide hammer with a split-core sampler. Samples will be collected at each of the 6 locations at depths of approximately 1" - 4" bgs and 3' bgs.
2. Soil delivered to the lab is disposed of by the lab. Spoils from each bore hole will be placed back into the hole and the location marked by red flags pending lab results. If hazardous wastes are found in the soil by the lab, a decision would be made regarding remediation that would take care of the area and the small amount of spoils. If nothing is found by the lab, the red flags can be removed. The same procedure will be followed for the three decontamination buckets of water. They will be left on-site, capped, a tarp placed over them, and red flags set around them until the analyses come back. If no hazardous wastes are found by the lab, the water can be disposed of as non-hazardous waste water.

Analysis

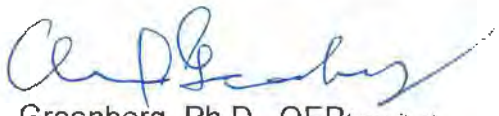
1. Title 22 metals by EPA Method 6020 plus Method 245.5 for Hg
2. TPH (DRO and HRO) by EPA Method 8015b
3. PCBs by EPA Method 8082A
4. Pesticides: Organochlorine pesticides (OCP), including DDT and degradation products by EPA Method 8081; Organophosphate pesticides (OPP) by EPA Method 8141; and Chlorinated herbicides (CH) by EPA Method 8151).
5. pH

Health and Safety

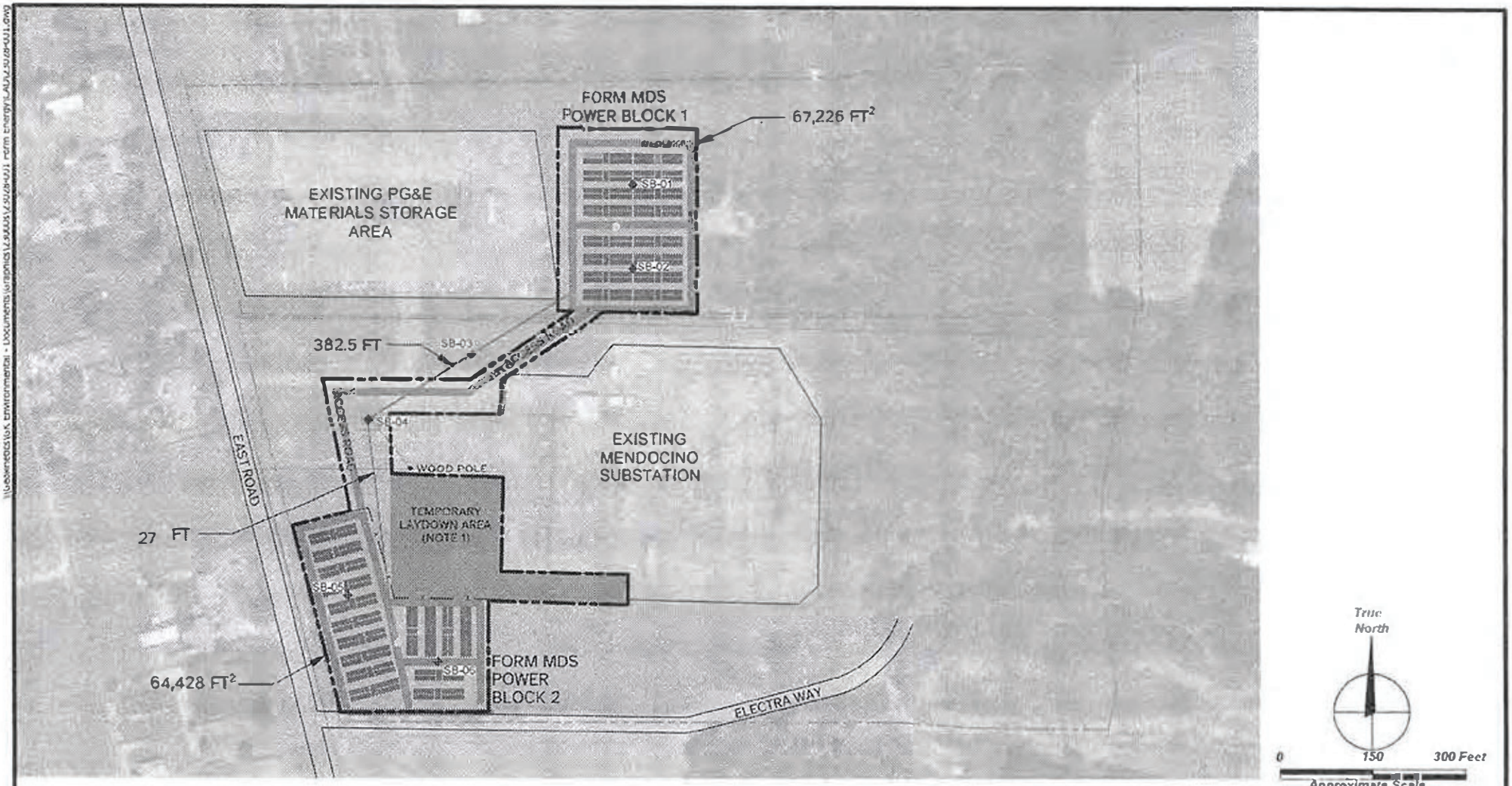
The sampling Team will be wearing PPE consisting of N95 face masks, nitrile gloves (which are changed after every sampling location), and eye protection. All used N95s, nitrile gloves, and any other debris will be placed in a trash bag and taken off-site to the sub-contractor's office (GeoKinetics) and held until the lab results are available.

Report Preparation

Risk Science Associates will prepare a report of findings to include results, discussion, and conclusions. The report of findings will be submitted within four (4) days following receipt of all analytical data. Risk Science Associates will provide an original report via electronic delivery. A hard copy will be mailed upon request.



Alvin J. Greenberg, Ph.D., QEP(emeritus)



Source Drawings: Figure 4-3 Site Plan Form Energy, Inc.

Explanation

- REPORTED FORM ENERGY PROJECT AREA
- PROPOSED FUTURE ~669 FT TRENCH FOR MEDIUM VOLTAGE (MV) COLLECTION
- PARCEL BOUNDARY
- PROPOSED FUTURE ACCESS ROAD
- PROPOSED FUTURE PAD-MOUNTED SWITCHGEAR
- 12 kV POINT OF INTERCONNECTION
- WATER STORAGE
- EXISTING 12 kV OVERHEAD DISTRIBUTION
- PROPOSED FUTURE NEW 12 kV OVERHEAD DISTRIBUTION
- FENCE
- PROPOSED BORING LOCATION
- PROPOSED FUTURE FORM MDS DC BATTERY ENCLOSURE (TYP. 1 OF 64/POWER BLOCK)
- PROPOSED FUTURE FORM MDS AUXILIARY ENCLOSURE (TYP. 1 OF 16/POWER BLOCK)
- PROPOSED FUTURE POWER BLOCK HUB AREA INVERTER AND MV STEP-UP TRANSFORMER AND DC COMBINER (IF NEEDED)

NOTES:

1. TEMPORARY LAYDOWN AREA EXCLUDED FROM SAMPLING AREA

GeoKinetics
Geotechnical & Environmental Engineers

Project No:
Global ID:
Local ID:

FORM ENERGY
7399 EAST ROAD
REDWOOD VALLEY, CALIFORNIA

EP 2023
Drawn By
KND

Figure Name:
PROPOSED BORING LOCATIONS

Figure No.
1

Attachment 3

Proposed Sample Locations

Source Drawings: Figure 4-3 Site Plan Form Energy, Inc.

Explanation

- REPORTED FORM ENERGY PROJECT AREA PROPOSED FUTURE ~880 FT TRENCH FOR MEDIUM VOLTAGE (MV) COLLECTION
- PARCEL BOUNDARY
- PROPOSED FUTURE ACCESS ROAD
- PROPOSED FUTURE PAD-MOUNTED SWITCHGEAR
- 12 kV POINT OF INTERCONNECTION
- WATER STORAGE
- EXISTING 12 KV OVERHEAD DISTRIBUTION
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NOTES:

1. TEMPORARY LAYDOWN AREA EXCLUDED FROM SAMPLING AREA

GeoKinetics
Geotechnical & Enviornmental Engineers

Project No: 23028-001
Global ID:
Local ID:

FORM ENERGY
7399 EAST ROAD
REDWOOD VALLEY, CALIFORNIA

SEP 2023
Drawn By KND

Figure Name
PROPOSED BORING LOCATIONS

Figure No
1

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Attachment 4

Lab Report

K PRIME INC.

LABORATORY TEST REPORT

ACCT: 5658

TO: DR. ALVIN J. GREENBERG
RISK SCIENCE ASSOCIATES
37 MT. WHITNEY DR.,
SAN RAFAEL, CA 94903

Phone: 415-472-6056
Email: agreenberg@risksci.com

FROM: Richard A. Kagel, Ph.D. RAK
Laboratory Director 67AB
10-9-23

SUBJECT: LABORATORY RESULTS FOR YOUR PROJECT: 23028-01

The following samples were received at our laboratory on October 2, 2023.

SAMPLE ID	TYPE	DATE	TIME	KPI LAB #
SB-01-0.5	SOIL	10/02/2023	10:58	250925
SB-01-3	SOIL	10/02/2023	11:09	250926
SB-02-0.5	SOIL	10/02/2023	10:30	250927
SB-02-3	SOIL	10/02/2023	10:49	250928
SB-03-0.5	SOIL	10/02/2023	11:38	250929
SB-03-2.5	SOIL	10/02/2023	11:56	250930
SB-04-0.5	SOIL	10/02/2023	12:49	250931
SB-04-3	SOIL	10/02/2023	13:04	250932
SB-05-0.5	SOIL	10/02/2023	13:18	250933
SB-05-3	SOIL	10/02/2023	13:55	250934
SB-06-0.5	SOIL	10/02/2023	14:11	250935
RINSATE	WATER	10/02/2023	14:23	250936
EB	WATER	10/02/2023	14:31	250937
SB-06-3	SOIL	10/02/2023	13:35	250938

Test results included in this report meet the requirements of ISO/IEC 17025:2017 as verified by the ANSI-ASQ National Accreditation Board (ANAB), and/or the requirements of the California Environmental Laboratory Accreditation Program (CA-ELAP), as applicable. Refer to certificates and scopes of accreditation AT-1427 (ANAB) and CA-ELAP #1532.

Results relate only to the samples tested. This test report shall not be reproduced except in full, without written permission of the laboratory.

If there are questions or concerns regarding this report, please contact your laboratory representative.

K Prime, Inc.
3621 Westwind Blvd.
Santa Rosa, CA 95403
Tel: (707)-527-7574 Fax: (707)-527-7879

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

METHOD: DRO
REFERENCE: EPA 8015B

SAMPLE TYPE: SOIL
UNITS: mg/Kg dry weight

SAMPLE ID	LAB NO.	DATE SAMPLED	BATCH ID	EXTRACT DATE	DATE ANALYZED	MRL	SAMPLE CONC	DRO PATTERN
SB-01-0.5	250925	10/02/2023	091923S1	10/03/2023	10/04/2023	10.5	ND	
SB-01-3	250926	10/02/2023	091923S1	10/03/2023	10/04/2023	11.2	ND	
SB-02-0.5	250927	10/02/2023	091923S1	10/03/2023	10/04/2023	10.3	ND	
SB-02-3	250928	10/02/2023	091923S1	10/03/2023	10/04/2023	11.1	ND	
SB-03-0.5	250929	10/02/2023	091923S1	10/03/2023	10/04/2023	10.2	ND	
SB-03-2.5	250930	10/02/2023	091923S1	10/03/2023	10/04/2023	10.8	ND	
SB-04-0.5	250931	10/02/2023	091923S1	10/03/2023	10/04/2023	10.5	ND	
SB-04-3	250932	10/02/2023	091923S1	10/03/2023	10/04/2023	10.8	ND	
SB-05-0.5	250933	10/02/2023	091923S1	10/03/2023	10/04/2023	10.6	ND	
SB-05-3	250934	10/02/2023	091923S1	10/03/2023	10/04/2023	10.8	ND	
SB-06-0.5	250935	10/02/2023	091923S1	10/03/2023	10/04/2023	10.5	ND	
SB-06-3	250938	10/02/2023	091923S1	10/03/2023	10/04/2023	11.0	ND	

NOTES:

DRO	Diesel Range Organics (C12-C23)
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: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

METHOD: HRO
REFERENCE: EPA 8015B

SAMPLE TYPE: SOIL
UNITS: mg/Kg dry weight

SAMPLE ID	LAB NO.	DATE SAMPLED	BATCH ID	EXTRACT DATE	DATE ANALYZED	MRL	SAMPLE CONC	HRO PATTERN
SB-01-0.5	250925	10/02/2023	091923S1	10/03/2023	10/04/2023	10.5	ND	
SB-01-3	250926	10/02/2023	091923S1	10/03/2023	10/04/2023	11.2	ND	
SB-02-0.5	250927	10/02/2023	091923S1	10/03/2023	10/04/2023	10.3	ND	
SB-02-3	250928	10/02/2023	091923S1	10/03/2023	10/04/2023	11.1	ND	
SB-03-0.5	250929	10/02/2023	091923S1	10/03/2023	10/04/2023	10.2	ND	
SB-03-2.5	250930	10/02/2023	091923S1	10/03/2023	10/04/2023	10.8	ND	
SB-04-0.5	250931	10/02/2023	091923S1	10/03/2023	10/04/2023	10.5	ND	
SB-04-3	250932	10/02/2023	091923S1	10/03/2023	10/04/2023	10.8	ND	
SB-05-0.5	250933	10/02/2023	091923S1	10/03/2023	10/04/2023	10.6	ND	
SB-05-3	250934	10/02/2023	091923S1	10/03/2023	10/04/2023	10.8	ND	
SB-06-0.5	250935	10/02/2023	091923S1	10/03/2023	10/04/2023	10.5	ND	
SB-06-3	250938	10/02/2023	091923S1	10/03/2023	10/04/2023	11.0	ND	

NOTES:

HRO	Heavy Range Organics (C24-C34)
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: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-01-0.5
LAB NO: 250925
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 10:58
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/05/2023

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3546/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ALPHA-BHC	319-84-6	2.11	ND
BETA-BHC	319-85-7	2.11	ND
GAMMA-BHC (LINDANE)	58-89-9	2.11	ND
HEPTACHLOR	76-44-8	2.11	ND
DELTA-BHC	319-86-8	2.11	ND
ALDRIN	309-00-2	2.11	ND
HEPTACHLOR EPOXIDE	1024-57-3	2.11	ND
ENDOSULFAN I	959-98-8	2.11	ND
4,4'-DDE	72-55-9	2.11	ND
DIELDRIN	60-57-1	2.11	ND
ENDRIN	72-20-8	2.11	ND
4,4'-DDD	72-54-8	2.11	ND
ENDOSULFAN II	33213-65-9	2.11	ND
4,4'-DDT	50-29-3	2.11	ND
ENDRIN ALDEHYDE	7421-93-4	2.11	ND
ENDOSULFAN SULFATE	1031-07-8	2.11	ND
METHOXYCHLOR	72-43-5	2.11	ND
CHLORDANE	57-74-9	2.11	4.31
TOXAPHENE	8001-35-2	13.2	ND

SURROGATE RECOVERY	%
TCMX	91
DCBP	85

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-01-3
LAB NO: 250926
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 11:09
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/05/2023

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3546/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ALPHA-BHC	319-84-6	2.25	ND
BETA-BHC	319-85-7	2.25	ND
GAMMA-BHC (LINDANE)	58-89-9	2.25	ND
HEPTACHLOR	76-44-8	2.25	ND
DELTA-BHC	319-86-8	2.25	ND
ALDRIN	309-00-2	2.25	ND
HEPTACHLOR EPOXIDE	1024-57-3	2.25	ND
ENDOSULFAN I	959-98-8	2.25	ND
4,4'-DDE	72-55-9	2.25	ND
DIELDRIN	60-57-1	2.25	ND
ENDRIN	72-20-8	2.25	ND
4,4'-DDD	72-54-8	2.25	ND
ENDOSULFAN II	33213-65-9	2.25	ND
4,4'-DDT	50-29-3	2.25	ND
ENDRIN ALDEHYDE	7421-93-4	2.25	ND
ENDOSULFAN SULFATE	1031-07-8	2.25	ND
METHOXYCHLOR	72-43-5	2.25	ND
CHLORDANE	57-74-9	2.25	ND
TOXAPHENE	8001-35-2	14.1	ND

SURROGATE RECOVERY	%
TCMX	99
DCBP	88

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-02-0.5
LAB NO: 250927
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 10:30
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/05/2023

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3546/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ALPHA-BHC	319-84-6	2.07	ND
BETA-BHC	319-85-7	2.07	ND
GAMMA-BHC (LINDANE)	58-89-9	2.07	ND
HEPTACHLOR	76-44-8	2.07	ND
DELTA-BHC	319-86-8	2.07	ND
ALDRIN	309-00-2	2.07	ND
HEPTACHLOR EPOXIDE	1024-57-3	2.07	ND
ENDOSULFAN I	959-98-8	2.07	ND
4,4'-DDE	72-55-9	2.07	ND
DIELDRIN	60-57-1	2.07	ND
ENDRIN	72-20-8	2.07	ND
4,4'-DDD	72-54-8	2.07	ND
ENDOSULFAN II	33213-65-9	2.07	ND
4,4'-DDT	50-29-3	2.07	ND
ENDRIN ALDEHYDE	7421-93-4	2.07	ND
ENDOSULFAN SULFATE	1031-07-8	2.07	ND
METHOXYCHLOR	72-43-5	2.07	ND
CHLORDANE	57-74-9	2.07	ND
TOXAPHENE	8001-35-2	12.9	ND

SURROGATE RECOVERY	%
TCMX	89
DCBP	77

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-02-3
LAB NO: 250928
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 10:49
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/05/2023

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3546/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ALPHA-BHC	319-84-6	2.22	ND
BETA-BHC	319-85-7	2.22	ND
GAMMA-BHC (LINDANE)	58-89-9	2.22	ND
HEPTACHLOR	76-44-8	2.22	ND
DELTA-BHC	319-86-8	2.22	ND
ALDRIN	309-00-2	2.22	ND
HEPTACHLOR EPOXIDE	1024-57-3	2.22	ND
ENDOSULFAN I	959-98-8	2.22	ND
4,4'-DDE	72-55-9	2.22	ND
DIELDRIN	60-57-1	2.22	ND
ENDRIN	72-20-8	2.22	ND
4,4'-DDD	72-54-8	2.22	ND
ENDOSULFAN II	33213-65-9	2.22	ND
4,4'-DDT	50-29-3	2.22	ND
ENDRIN ALDEHYDE	7421-93-4	2.22	ND
ENDOSULFAN SULFATE	1031-07-8	2.22	ND
METHOXYCHLOR	72-43-5	2.22	ND
CHLORDANE	57-74-9	2.22	ND
TOXAPHENE	8001-35-2	13.9	ND

SURROGATE RECOVERY	%
TCMX	95
DCBP	89

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-03-0.5
LAB NO: 250929
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 11:38
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/05/2023

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3546/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ALPHA-BHC	319-84-6	2.04	ND
BETA-BHC	319-85-7	2.04	ND
GAMMA-BHC (LINDANE)	58-89-9	2.04	ND
HEPTACHLOR	76-44-8	2.04	ND
DELTA-BHC	319-86-8	2.04	ND
ALDRIN	309-00-2	2.04	ND
HEPTACHLOR EPOXIDE	1024-57-3	2.04	ND
ENDOSULFAN I	959-98-8	2.04	ND
4,4'-DDE	72-55-9	2.04	ND
DIELDRIN	60-57-1	2.04	ND
ENDRIN	72-20-8	2.04	ND
4,4'-DDD	72-54-8	2.04	ND
ENDOSULFAN II	33213-65-9	2.04	ND
4,4'-DDT	50-29-3	2.04	ND
ENDRIN ALDEHYDE	7421-93-4	2.04	ND
ENDOSULFAN SULFATE	1031-07-8	2.04	ND
METHOXYCHLOR	72-43-5	2.04	ND
CHLORDANE	57-74-9	2.04	ND
TOXAPHENE	8001-35-2	12.8	ND

SURROGATE RECOVERY	%
TCMX	78
DCBP	73

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-03-2.5
LAB NO: 250930
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 11:56
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/05/2023

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3546/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ALPHA-BHC	319-84-6	2.17	ND
BETA-BHC	319-85-7	2.17	ND
GAMMA-BHC (LINDANE)	58-89-9	2.17	ND
HEPTACHLOR	76-44-8	2.17	ND
DELTA-BHC	319-86-8	2.17	ND
ALDRIN	309-00-2	2.17	ND
HEPTACHLOR EPOXIDE	1024-57-3	2.17	ND
ENDOSULFAN I	959-98-8	2.17	ND
4,4'-DDE	72-55-9	2.17	ND
DIELDRIN	60-57-1	2.17	ND
ENDRIN	72-20-8	2.17	ND
4,4'-DDD	72-54-8	2.17	ND
ENDOSULFAN II	33213-65-9	2.17	ND
4,4'-DDT	50-29-3	2.17	ND
ENDRIN ALDEHYDE	7421-93-4	2.17	ND
ENDOSULFAN SULFATE	1031-07-8	2.17	ND
METHOXYCHLOR	72-43-5	2.17	ND
CHLORDANE	57-74-9	2.17	ND
TOXAPHENE	8001-35-2	13.5	ND

SURROGATE RECOVERY	%
TCMX	93
DCBP	86

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-04-0.5
LAB NO: 250931
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 12:49
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/05/2023

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3546/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ALPHA-BHC	319-84-6	2.10	ND
BETA-BHC	319-85-7	2.10	ND
GAMMA-BHC (LINDANE)	58-89-9	2.10	ND
HEPTACHLOR	76-44-8	2.10	ND
DELTA-BHC	319-86-8	2.10	ND
ALDRIN	309-00-2	2.10	ND
HEPTACHLOR EPOXIDE	1024-57-3	2.10	ND
ENDOSULFAN I	959-98-8	2.10	ND
4,4'-DDE	72-55-9	2.10	ND
DIELDRIN	60-57-1	2.10	ND
ENDRIN	72-20-8	2.10	ND
4,4'-DDD	72-54-8	2.10	ND
ENDOSULFAN II	33213-65-9	2.10	ND
4,4'-DDT	50-29-3	2.10	ND
ENDRIN ALDEHYDE	7421-93-4	2.10	ND
ENDOSULFAN SULFATE	1031-07-8	2.10	ND
METHOXYCHLOR	72-43-5	2.10	ND
CHLORDANE	57-74-9	2.10	ND
TOXAPHENE	8001-35-2	13.2	ND

SURROGATE RECOVERY	%
TCMX	90
DCBP	100

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-04-3
LAB NO: 250932
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 13:04
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/05/2023

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3546/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ALPHA-BHC	319-84-6	2.16	ND
BETA-BHC	319-85-7	2.16	ND
GAMMA-BHC (LINDANE)	58-89-9	2.16	ND
HEPTACHLOR	76-44-8	2.16	ND
DELTA-BHC	319-86-8	2.16	ND
ALDRIN	309-00-2	2.16	ND
HEPTACHLOR EPOXIDE	1024-57-3	2.16	ND
ENDOSULFAN I	959-98-8	2.16	ND
4,4'-DDE	72-55-9	2.16	ND
DIELDRIN	60-57-1	2.16	ND
ENDRIN	72-20-8	2.16	ND
4,4'-DDD	72-54-8	2.16	ND
ENDOSULFAN II	33213-65-9	2.16	ND
4,4'-DDT	50-29-3	2.16	ND
ENDRIN ALDEHYDE	7421-93-4	2.16	ND
ENDOSULFAN SULFATE	1031-07-8	2.16	ND
METHOXYCHLOR	72-43-5	2.16	ND
CHLORDANE	57-74-9	2.16	ND
TOXAPHENE	8001-35-2	13.5	ND

SURROGATE RECOVERY	%
TCMX	94
DCBP	86

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-05-0.5
LAB NO: 250933
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 13:18
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/05/2023

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3546/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ALPHA-BHC	319-84-6	2.13	ND
BETA-BHC	319-85-7	2.13	ND
GAMMA-BHC (LINDANE)	58-89-9	2.13	ND
HEPTACHLOR	76-44-8	2.13	ND
DELTA-BHC	319-86-8	2.13	ND
ALDRIN	309-00-2	2.13	ND
HEPTACHLOR EPOXIDE	1024-57-3	2.13	ND
ENDOSULFAN I	959-98-8	2.13	ND
4,4'-DDE	72-55-9	2.13	ND
DIELDRIN	60-57-1	2.13	ND
ENDRIN	72-20-8	2.13	ND
4,4'-DDD	72-54-8	2.13	ND
ENDOSULFAN II	33213-65-9	2.13	ND
4,4'-DDT	50-29-3	2.13	ND
ENDRIN ALDEHYDE	7421-93-4	2.13	ND
ENDOSULFAN SULFATE	1031-07-8	2.13	ND
METHOXYCHLOR	72-43-5	2.13	ND
CHLORDANE	57-74-9	2.13	ND
TOXAPHENE	8001-35-2	13.3	ND

SURROGATE RECOVERY	%
TCMX	98
DCBP	90

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-05-3
LAB NO: 250934
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 13:55
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/05/2023

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3546/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ALPHA-BHC	319-84-6	2.15	ND
BETA-BHC	319-85-7	2.15	ND
GAMMA-BHC (LINDANE)	58-89-9	2.15	ND
HEPTACHLOR	76-44-8	2.15	ND
DELTA-BHC	319-86-8	2.15	ND
ALDRIN	309-00-2	2.15	ND
HEPTACHLOR EPOXIDE	1024-57-3	2.15	ND
ENDOSULFAN I	959-98-8	2.15	ND
4,4'-DDE	72-55-9	2.15	ND
DIELDRIN	60-57-1	2.15	ND
ENDRIN	72-20-8	2.15	ND
4,4'-DDD	72-54-8	2.15	ND
ENDOSULFAN II	33213-65-9	2.15	ND
4,4'-DDT	50-29-3	2.15	ND
ENDRIN ALDEHYDE	7421-93-4	2.15	ND
ENDOSULFAN SULFATE	1031-07-8	2.15	ND
METHOXYCHLOR	72-43-5	2.15	ND
CHLORDANE	57-74-9	2.15	ND
TOXAPHENE	8001-35-2	13.4	ND

SURROGATE RECOVERY	%
TCMX	93
DCBP	88

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

APPROVED BY: DB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-06-0.5
LAB NO: 250935
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 14:11
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/05/2023

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3546/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ALPHA-BHC	319-84-6	2.10	ND
BETA-BHC	319-85-7	2.10	ND
GAMMA-BHC (LINDANE)	58-89-9	2.10	ND
HEPTACHLOR	76-44-8	2.10	ND
DELTA-BHC	319-86-8	2.10	ND
ALDRIN	309-00-2	2.10	ND
HEPTACHLOR EPOXIDE	1024-57-3	2.10	ND
ENDOSULFAN I	959-98-8	2.10	ND
4,4'-DDE	72-55-9	2.10	ND
DIELDRIN	60-57-1	2.10	ND
ENDRIN	72-20-8	2.10	ND
4,4'-DDD	72-54-8	2.10	ND
ENDOSULFAN II	33213-65-9	2.10	ND
4,4'-DDT	50-29-3	2.10	ND
ENDRIN ALDEHYDE	7421-93-4	2.10	ND
ENDOSULFAN SULFATE	1031-07-8	2.10	ND
METHOXYCHLOR	72-43-5	2.10	ND
CHLORDANE	57-74-9	2.10	ND
TOXAPHENE	8001-35-2	13.1	ND

SURROGATE RECOVERY	%
TCMX	95
DCBP	105

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

APPROVED BY: DB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-06-3
LAB NO: 250938
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 13:35
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/05/2023

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3546/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
ALPHA-BHC	319-84-6	2.19	ND
BETA-BHC	319-85-7	2.19	ND
GAMMA-BHC (LINDANE)	58-89-9	2.19	ND
HEPTACHLOR	76-44-8	2.19	ND
DELTA-BHC	319-86-8	2.19	ND
ALDRIN	309-00-2	2.19	ND
HEPTACHLOR EPOXIDE	1024-57-3	2.19	ND
ENDOSULFAN I	959-98-8	2.19	ND
4,4'-DDE	72-55-9	2.19	ND
DIELDRIN	60-57-1	2.19	ND
ENDRIN	72-20-8	2.19	ND
4,4'-DDD	72-54-8	2.19	ND
ENDOSULFAN II	33213-65-9	2.19	ND
4,4'-DDT	50-29-3	2.19	ND
ENDRIN ALDEHYDE	7421-93-4	2.19	ND
ENDOSULFAN SULFATE	1031-07-8	2.19	ND
METHOXYCHLOR	72-43-5	2.19	ND
CHLORDANE	57-74-9	2.19	ND
TOXAPHENE	8001-35-2	13.7	ND

SURROGATE RECOVERY	%
TCMX	92
DCBP	85

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-01-0.5
LAB NO: 250925
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 10:58
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/05/2023

METHOD: ORGANOPHOSPHORUS PESTICIDES
REFERENCE: EPA 3550/8141

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORVOS	62-73-7	2.64	ND
MEVINPHOS	7786-34-7	26.4	ND
DEMETON-O	298-03-3	2.64	ND
DEMETON-S	126-75-0	18.5	ND
SULFOTEP	3689-24-5	2.64	ND
ETHOPROPHOS	13194-48-4	2.64	ND
PHORATE	298-02-2	2.64	ND
DIMETHOATE	60-51-5	13.2	ND
DIAZINON	333-41-5	2.64	ND
DISULFOTON	298-04-4	2.64	ND
PARATHION-ETHYL	56-38-2	13.2	ND
PARATHION-METHYL	298-00-0	2.64	ND
FENCHLORPHOS	299-84-3	5.27	ND
MALATHION	121-75-5	5.27	ND
FENTHION	55-38-9	5.27	ND
CHLORPYRIFOS	5598-15-2	5.27	ND
TRICHLORONATE	327-98-0	2.64	ND
MERPHOS AND TRIBUFOS	150-50-5 / 78-48-8	2.64	ND
TETRACHLORVINPHOS	22248-79-9	5.27	ND
PROTHIOFOS	34643-46-4	5.27	ND
FENSULFOTHION	115-90-2	13.2	ND
SULPROFOS	35400-43-2	5.27	ND
AZINPHOS-METHYL	86-50-0	2.64	ND
COUMAPHOS	56-72-4	5.27	ND
CHLORFENVINPHOS	470-90-6	13.2	ND

SURROGATE RECOVERY	%
TRIBUTYL PHOSPHATE	74
TRIPHENYL PHOSPHATE	69

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-01-3
LAB NO: 250926
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 11:09
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/05/2023

METHOD: ORGANOPHOSPHORUS PESTICIDES
REFERENCE: EPA 3550/8141

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORVOS	62-73-7	2.81	ND
MEVINPHOS	7786-34-7	28.1	ND
DEMETON-O	298-03-3	2.81	ND
DEMETON-S	126-75-0	19.7	ND
SULFOTEP	3689-24-5	2.81	ND
ETHOPROPHOS	13194-48-4	2.81	ND
PHORATE	298-02-2	2.81	ND
DIMETHOATE	60-51-5	14.1	ND
DIAZINON	333-41-5	2.81	ND
DISULFOTON	298-04-4	2.81	ND
PARATHION-ETHYL	56-38-2	14.1	ND
PARATHION-METHYL	298-00-0	2.81	ND
FENCHLORPHOS	299-84-3	5.62	ND
MALATHION	121-75-5	5.62	ND
FENTHION	55-38-9	5.62	ND
CHLORPYRIFOS	5598-15-2	5.62	ND
TRICHLORONATE	327-98-0	2.81	ND
MERPHOS AND TRIBUFOS	150-50-5 / 78-48-8	2.81	ND
TETRACHLORVINPHOS	22248-79-9	5.62	ND
PROTHIOFOS	34643-46-4	5.62	ND
FENSULFOTHION	115-90-2	14.1	ND
SULPROFOS	35400-43-2	5.62	ND
AZINPHOS-METHYL	86-50-0	2.81	ND
COUMAPHOS	56-72-4	5.62	ND
CHLORFENVINPHOS	470-90-6	14.1	ND

SURROGATE RECOVERY	%
TRIBUTYL PHOSPHATE	83
TRIPHENYL PHOSPHATE	76

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

APPROVED BY: AB
DATE: 10-4-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-02-0.5
LAB NO: 250927
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 10:30
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/05/2023

METHOD: ORGANOPHOSPHORUS PESTICIDES
REFERENCE: EPA 3550/8141

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORVOS	62-73-7	2.59	ND
MEVINPHOS	7786-34-7	25.9	ND
DEMETON-O	298-03-3	2.59	ND
DEMETON-S	126-75-0	18.1	ND
SULFOTEP	3689-24-5	2.59	ND
ETHOPROPHOS	13194-48-4	2.59	ND
PHORATE	298-02-2	2.59	ND
DIMETHOATE	60-51-5	12.9	ND
DIAZINON	333-41-5	2.59	ND
DISULFOTON	298-04-4	2.59	ND
PARATHION-ETHYL	56-38-2	12.9	ND
PARATHION-METHYL	298-00-0	2.59	ND
FENCHLORPHOS	299-84-3	5.17	ND
MALATHION	121-75-5	5.17	ND
FENTHION	55-38-9	5.17	ND
CHLORPYRIFOS	5598-15-2	5.17	ND
TRICHLORONATE	327-98-0	2.59	ND
MERPHOS AND TRIBUFOS	150-50-5 / 78-48-8	2.59	ND
TETRACHLORVINPHOS	22248-79-9	5.17	ND
PROTHIOFOS	34643-46-4	5.17	ND
FENSULFOTHION	115-90-2	12.9	ND
SULPROFOS	35400-43-2	5.17	ND
AZINPHOS-METHYL	86-50-0	2.59	ND
COUMAPHOS	56-72-4	5.17	ND
CHLORFENVINPHOS	470-90-6	12.9	ND

SURROGATE RECOVERY	%
TRIBUTYL PHOSPHATE	71
TRIPHENYL PHOSPHATE	66

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-02-3
LAB NO: 250928
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 10:49
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/05/2023

METHOD: ORGANOPHOSPHORUS PESTICIDES
REFERENCE: EPA 3550/8141

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORVOS	62-73-7	2.77	ND
MEVINPHOS	7786-34-7	27.7	ND
DEMETON-O	298-03-3	2.77	ND
DEMETON-S	126-75-0	19.4	ND
SULFOTEP	3689-24-5	2.77	ND
ETHOPROPHOS	13194-48-4	2.77	ND
PHORATE	298-02-2	2.77	ND
DIMETHOATE	60-51-5	13.9	ND
DIAZINON	333-41-5	2.77	ND
DISULFOTON	298-04-4	2.77	ND
PARATHION-ETHYL	56-38-2	13.9	ND
PARATHION-METHYL	298-00-0	2.77	ND
FENCHLORPHOS	299-84-3	5.55	ND
MALATHION	121-75-5	5.55	ND
FENTHION	55-38-9	5.55	ND
CHLORPYRIFOS	5598-15-2	5.55	ND
TRICHLORONATE	327-98-0	2.77	ND
MERPHOS AND TRIBUFOS	150-50-5 / 78-48-8	2.77	ND
TETRACHLORVINPHOS	22248-79-9	5.55	ND
PROTHIOFOS	34643-46-4	5.55	ND
FENSULFOTHION	115-90-2	13.9	ND
SULPROFOS	35400-43-2	5.55	ND
AZINPHOS-METHYL	86-50-0	2.77	ND
COUMAPHOS	56-72-4	5.55	ND
CHLORFENVINPHOS	470-90-6	13.9	ND

SURROGATE RECOVERY	%
TRIBUTYL PHOSPHATE	84
TRIPHENYL PHOSPHATE	75

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

APPROVED BY: MB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-03-0.5
LAB NO: 250929
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 11:38
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/05/2023

METHOD: ORGANOPHOSPHORUS PESTICIDES
REFERENCE: EPA 3550/8141

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORVOS	62-73-7	2.55	ND
MEVINPHOS	7786-34-7	25.5	ND
DEMETON-O	298-03-3	2.55	ND
DEMETON-S	126-75-0	17.9	ND
SULFOTEP	3689-24-5	2.55	ND
ETHOPROPHOS	13194-48-4	2.55	ND
PHORATE	298-02-2	2.55	ND
DIMETHOATE	60-51-5	12.8	ND
DIAZINON	333-41-5	2.55	ND
DISULFOTON	298-04-4	2.55	ND
PARATHION-ETHYL	56-38-2	12.8	ND
PARATHION-METHYL	298-00-0	2.55	ND
FENCHLORPHOS	299-84-3	5.11	ND
MALATHION	121-75-5	5.11	ND
FENTHION	55-38-9	5.11	ND
CHLORPYRIFOS	5598-15-2	5.11	ND
TRICHLORONATE	327-98-0	2.55	ND
MERPHOS AND TRIBUFOS	150-50-5 / 78-48-8	2.55	ND
TETRACHLORVINPHOS	22248-79-9	5.11	ND
PROTHIOFOS	34643-46-4	5.11	ND
FENSULFOTHION	115-90-2	12.8	ND
SULPROFOS	35400-43-2	5.11	ND
AZINPHOS-METHYL	86-50-0	2.55	ND
COUMAPHOS	56-72-4	5.11	ND
CHLORFENVINPHOS	470-90-6	12.8	ND

SURROGATE RECOVERY	%
TRIBUTYL PHOSPHATE	69
TRIPHENYL PHOSPHATE	66

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-03-2.5
LAB NO: 250930
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 11:56
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/05/2023

METHOD: ORGANOPHOSPHORUS PESTICIDES
REFERENCE: EPA 3550/8141

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORVOS	62-73-7	2.71	ND
MEVINPHOS	7786-34-7	27.1	ND
DEMETON-O	298-03-3	2.71	ND
DEMETON-S	126-75-0	19.0	ND
SULFOTEP	3689-24-5	2.71	ND
ETHOPROPHOS	13194-48-4	2.71	ND
PHORATE	298-02-2	2.71	ND
DIMETHOATE	60-51-5	13.5	ND
DIAZINON	333-41-5	2.71	ND
DISULFOTON	298-04-4	2.71	ND
PARATHION-ETHYL	56-38-2	13.5	ND
PARATHION-METHYL	298-00-0	2.71	ND
FENCHLORPHOS	299-84-3	5.42	ND
MALATHION	121-75-5	5.42	ND
FENTHION	55-38-9	5.42	ND
CHLORPYRIFOS	5598-15-2	5.42	ND
TRICHLORONATE	327-98-0	2.71	ND
MERPHOS AND TRIBUFOS	150-50-5 / 78-48-8	2.71	ND
TETRACHLORVINPHOS	22248-79-9	5.42	ND
PROTHIOFOS	34643-46-4	5.42	ND
FENSULFOTHION	115-90-2	13.5	ND
SULPROFOS	35400-43-2	5.42	ND
AZINPHOS-METHYL	86-50-0	2.71	ND
COUMAPHOS	56-72-4	5.42	ND
CHLORFENVINPHOS	470-90-6	13.5	ND

SURROGATE RECOVERY	%
TRIBUTYL PHOSPHATE	79
TRIPHENYL PHOSPHATE	75

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-04-0.5
LAB NO: 250931
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 12:49
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/05/2023

METHOD: ORGANOPHOSPHORUS PESTICIDES
REFERENCE: EPA 3550/8141

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORVOS	62-73-7	2.63	ND
MEVINPHOS	7786-34-7	26.3	ND
DEMETON-O	298-03-3	2.63	ND
DEMETON-S	126-75-0	18.4	ND
SULFOTEP	3689-24-5	2.63	ND
ETHOPROPHOS	13194-48-4	2.63	ND
PHORATE	298-02-2	2.63	ND
DIMETHOATE	60-51-5	13.2	ND
DIAZINON	333-41-5	2.63	ND
DISULFOTON	298-04-4	2.63	ND
PARATHION-ETHYL	56-38-2	13.2	ND
PARATHION-METHYL	298-00-0	2.63	ND
FENCHLORPHOS	299-84-3	5.26	ND
MALATHION	121-75-5	5.26	ND
FENTHION	55-38-9	5.26	ND
CHLORPYRIFOS	5598-15-2	5.26	ND
TRICHLORONATE	327-98-0	2.63	ND
MERPHOS AND TRIBUFOS	150-50-5 / 78-48-8	2.63	ND
TETRACHLORVINPHOS	22248-79-9	5.26	ND
PROTHIOFOS	34643-46-4	5.26	ND
FENSULFOTHION	115-90-2	13.2	ND
SULPROFOS	35400-43-2	5.26	ND
AZINPHOS-METHYL	86-50-0	2.63	ND
COUMAPHOS	56-72-4	5.26	ND
CHLORFENVINPHOS	470-90-6	13.2	ND

SURROGATE RECOVERY	%
TRIBUTYL PHOSPHATE	77
TRIPHENYL PHOSPHATE	71

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-04-3
LAB NO: 250932
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 13:04
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/05/2023

METHOD: ORGANOPHOSPHORUS PESTICIDES
REFERENCE: EPA 3550/8141

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORVOS	62-73-7	2.70	ND
MEVINPHOS	7786-34-7	27.0	ND
DEMETON-O	298-03-3	2.70	ND
DEMETON-S	126-75-0	18.9	ND
SULFOTEP	3689-24-5	2.70	ND
ETHOPROPHOS	13194-48-4	2.70	ND
PHORATE	298-02-2	2.70	ND
DIMETHOATE	60-51-5	13.5	ND
DIAZINON	333-41-5	2.70	ND
DISULFOTON	298-04-4	2.70	ND
PARATHION-ETHYL	56-38-2	13.5	ND
PARATHION-METHYL	298-00-0	2.70	ND
FENCHLORPHOS	299-84-3	5.39	ND
MALATHION	121-75-5	5.39	ND
FENTHION	55-38-9	5.39	ND
CHLORPYRIFOS	5598-15-2	5.39	ND
TRICHLORONATE	327-98-0	2.70	ND
MERPHOS AND TRIBUFOS	150-50-5 / 78-48-8	2.70	ND
TETRACHLORVINPHOS	22248-79-9	5.39	ND
PROTHIOFOS	34643-46-4	5.39	ND
FENSULFOTHION	115-90-2	13.5	ND
SULPROFOS	35400-43-2	5.39	ND
AZINPHOS-METHYL	86-50-0	2.70	ND
COUMAPHOS	56-72-4	5.39	ND
CHLORFENVINPHOS	470-90-6	13.5	ND

SURROGATE RECOVERY	%
TRIBUTYL PHOSPHATE	78
TRIPHENYL PHOSPHATE	72

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-05-0.5
LAB NO: 250933
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 13:18
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/05/2023

METHOD: ORGANOPHOSPHORUS PESTICIDES
REFERENCE: EPA 3550/8141

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORVOS	62-73-7	2.66	ND
MEVINPHOS	7786-34-7	26.6	ND
DEMETON-O	298-03-3	2.66	ND
DEMETON-S	126-75-0	18.6	ND
SULFOTEP	3689-24-5	2.66	ND
ETHOPROPHOS	13194-48-4	2.66	ND
PHORATE	298-02-2	2.66	ND
DIMETHOATE	60-51-5	13.3	ND
DIAZINON	333-41-5	2.66	ND
DISULFOTON	298-04-4	2.66	ND
PARATHION-ETHYL	56-38-2	13.3	ND
PARATHION-METHYL	298-00-0	2.66	ND
FENCHLORPHOS	299-84-3	5.32	ND
MALATHION	121-75-5	5.32	ND
FENTHION	55-38-9	5.32	ND
CHLORPYRIFOS	5598-15-2	5.32	ND
TRICHLORONATE	327-98-0	2.66	ND
MERPHOS AND TRIBUFOS	150-50-5 / 78-48-8	2.66	ND
TETRACHLORVINPHOS	22248-79-9	5.32	ND
PROTHIOFOS	34643-46-4	5.32	ND
FENSULFOTHION	115-90-2	13.3	ND
SULPROFOS	35400-43-2	5.32	ND
AZINPHOS-METHYL	86-50-0	2.66	ND
COUMAPHOS	56-72-4	5.32	ND
CHLORFENVINPHOS	470-90-6	13.3	ND

SURROGATE RECOVERY	%
TRIBUTYL PHOSPHATE	79
TRIPHENYL PHOSPHATE	76

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-05-3
LAB NO: 250934
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 13:55
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/05/2023

METHOD: ORGANOPHOSPHORUS PESTICIDES
REFERENCE: EPA 3550/8141

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORVOS	62-73-7	2.69	ND
MEVINPHOS	7786-34-7	26.9	ND
DEMETON-O	298-03-3	2.69	ND
DEMETON-S	126-75-0	18.8	ND
SULFOTEP	3689-24-5	2.69	ND
ETHOPROPHOS	13194-48-4	2.69	ND
PHORATE	298-02-2	2.69	ND
DIMETHOATE	60-51-5	13.4	ND
DIAZINON	333-41-5	2.69	ND
DISULFOTON	298-04-4	2.69	ND
PARATHION-ETHYL	56-38-2	13.4	ND
PARATHION-METHYL	298-00-0	2.69	ND
FENCHLORPHOS	299-84-3	5.38	ND
MALATHION	121-75-5	5.38	ND
FENTHION	55-38-9	5.38	ND
CHLORPYRIFOS	5598-15-2	5.38	ND
TRICHLORONATE	327-98-0	2.69	ND
MERPHOS AND TRIBUFOS	150-50-5 / 78-48-8	2.69	ND
TETRACHLORVINPHOS	22248-79-9	5.38	ND
PROTHIOFOS	34643-46-4	5.38	ND
FENSULFOTHION	115-90-2	13.4	ND
SULPROFOS	35400-43-2	5.38	ND
AZINPHOS-METHYL	86-50-0	2.69	ND
COUMAPHOS	56-72-4	5.38	ND
CHLORFENVINPHOS	470-90-6	13.4	ND

SURROGATE RECOVERY	%
TRIBUTYL PHOSPHATE	84
TRIPHENYL PHOSPHATE	80

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-06-0.5
LAB NO: 250935
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 14:11
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/05/2023

METHOD: ORGANOPHOSPHORUS PESTICIDES
REFERENCE: EPA 3550/8141

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORVOS	62-73-7	2.62	ND
MEVINPHOS	7786-34-7	26.2	ND
DEMETON-O	298-03-3	2.62	ND
DEMETON-S	126-75-0	18.4	ND
SULFOTEP	3689-24-5	2.62	ND
ETHOPROPHOS	13194-48-4	2.62	ND
PHORATE	298-02-2	2.62	ND
DIMETHOATE	60-51-5	13.1	ND
DIAZINON	333-41-5	2.62	ND
DISULFOTON	298-04-4	2.62	ND
PARATHION-ETHYL	56-38-2	13.1	ND
PARATHION-METHYL	298-00-0	2.62	ND
FENCHLORPHOS	299-84-3	5.25	ND
MALATHION	121-75-5	5.25	ND
FENTHION	55-38-9	5.25	ND
CHLORPYRIFOS	5598-15-2	5.25	ND
TRICHLORONATE	327-98-0	2.62	ND
MERPHOS AND TRIBUFOS	150-50-5 / 78-48-8	2.62	ND
TETRACHLORVINPHOS	22248-79-9	5.25	ND
PROTHIOFOS	34643-46-4	5.25	ND
FENSULFOTHION	115-90-2	13.1	ND
SULPROFOS	35400-43-2	5.25	ND
AZINPHOS-METHYL	86-50-0	2.62	ND
COUMAPHOS	56-72-4	5.25	ND
CHLORFENVINPHOS	470-90-6	13.1	ND

SURROGATE RECOVERY	%
TRIBUTYL PHOSPHATE	81
TRIPHENYL PHOSPHATE	76

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-06-3
LAB NO: 250938
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 13:35
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/05/2023

METHOD: ORGANOPHOSPHORUS PESTICIDES
REFERENCE: EPA 3550/8141

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORVOS	62-73-7	2.74	ND
MEVINPHOS	7786-34-7	27.4	ND
DEMETON-O	298-03-3	2.74	ND
DEMETON-S	126-75-0	19.2	ND
SULFOTEP	3689-24-5	2.74	ND
ETHOPROPHOS	13194-48-4	2.74	ND
PHORATE	298-02-2	2.74	ND
DIMETHOATE	60-51-5	13.7	ND
DIAZINON	333-41-5	2.74	ND
DISULFOTON	298-04-4	2.74	ND
PARATHION-ETHYL	56-38-2	13.7	ND
PARATHION-METHYL	298-00-0	2.74	ND
FENCHLORPHOS	299-84-3	5.48	ND
MALATHION	121-75-5	5.48	ND
FENTHION	55-38-9	5.48	ND
CHLORPYRIFOS	5598-15-2	5.48	ND
TRICHLORONATE	327-98-0	2.74	ND
MERPHOS AND TRIBUFOS	150-50-5 / 78-48-8	2.74	ND
TETRACHLORVINPHOS	22248-79-9	5.48	ND
PROTHIOFOS	34643-46-4	5.48	ND
FENSULFOTHION	115-90-2	13.7	ND
SULPROFOS	35400-43-2	5.48	ND
AZINPHOS-METHYL	86-50-0	2.74	ND
COUMAPHOS	56-72-4	5.48	ND
CHLORFENVINPHOS	470-90-6	13.7	ND

SURROGATE RECOVERY	%
TRIBUTYL PHOSPHATE	83
TRIPHENYL PHOSPHATE	81

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-01-0.5
LAB NO: 250925
DATE SAMPLED: 10/02/23
TIME SAMPLED: 10:58
BATCH #: 100323S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/06/2023

METHOD: CHLORINATED HERBICIDES
REFERENCE: EPA 8151A

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DALAPON	75-99-0	105	ND
DICAMBA	1918-00-9	105	ND
MCPP	93-65-2	105	ND
MCPA	94-74-6	105	ND
DICHLOROPROP	120-36-5	105	ND
2,4-D	94-75-7	105	ND
2,4,5-TP	93-72-1	105	ND
2,4,5-T	93-76-5	105	ND
2,4-DB	94-82-6	105	ND
DINOSEB	88-85-7	105	ND

SURROGATE RECOVERY	%
2,4-DICHLOROPHENYL ACETIC ACID	85

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-01-3
LAB NO: 250926
DATE SAMPLED: 10/02/23
TIME SAMPLED: 11:09
BATCH #: 100323S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/06/2023

METHOD: CHLORINATED HERBICIDES
REFERENCE: EPA 8151A

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DALAPON	75-99-0	112	ND
DICAMBA	1918-00-9	112	ND
MCPP	93-65-2	112	ND
MCPA	94-74-6	112	ND
DICHLOROPROP	120-36-5	112	ND
2,4-D	94-75-7	112	ND
2,4,5-TP	93-72-1	112	ND
2,4,5-T	93-76-5	112	ND
2,4-DB	94-82-6	112	ND
DINOSEB	88-85-7	112	ND

SURROGATE RECOVERY	%
2,4-DICHLOROPHENYL ACETIC ACID	91

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-02-0.5
LAB NO: 250927
DATE SAMPLED: 10/02/23
TIME SAMPLED: 10:30
BATCH #: 100323S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/06/2023

METHOD: CHLORINATED HERBICIDES
REFERENCE: EPA 8151A

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DALAPON	75-99-0	103	ND
DICAMBA	1918-00-9	103	ND
MCPP	93-65-2	103	ND
MCPA	94-74-6	103	ND
DICHLOROPROP	120-36-5	103	ND
2,4-D	94-75-7	103	ND
2,4,5-TP	93-72-1	103	ND
2,4,5-T	93-76-5	103	ND
2,4-DB	94-82-6	103	ND
DINOSEB	88-85-7	103	ND

SURROGATE RECOVERY	%
2,4-DICHLOROPHENYL ACETIC ACID	90

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-02-0.5
LAB NO: 250927
DATE SAMPLED: 10/02/23
TIME SAMPLED: 10:30
BATCH #: 100323S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/06/2023

METHOD: CHLORINATED HERBICIDES
REFERENCE: EPA 8151A

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DALAPON	75-99-0	103	ND
DICAMBA	1918-00-9	103	ND
MCPP	93-65-2	103	ND
MCPA	94-74-6	103	ND
DICHLOROPROP	120-36-5	103	ND
2,4-D	94-75-7	103	ND
2,4,5-TP	93-72-1	103	ND
2,4,5-T	93-76-5	103	ND
2,4-DB	94-82-6	103	ND
DINOSEB	88-85-7	103	ND

SURROGATE RECOVERY	%
2,4-DICHLOROPHENYL ACETIC ACID	90

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-02-3
LAB NO: 250928
DATE SAMPLED: 10/02/23
TIME SAMPLED: 10:49
BATCH #: 100323S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/06/2023

METHOD: CHLORINATED HERBICIDES
REFERENCE: EPA 8151A

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DALAPON	75-99-0	111	ND
DICAMBA	1918-00-9	111	ND
MCPP	93-65-2	111	ND
MCPA	94-74-6	111	ND
DICHLOROPROP	120-36-5	111	ND
2,4-D	94-75-7	111	ND
2,4,5-TP	93-72-1	111	ND
2,4,5-T	93-76-5	111	ND
2,4-DB	94-82-6	111	ND
DINOSEB	88-85-7	111	ND

SURROGATE RECOVERY	%
2,4-DICHLOROPHENYL ACETIC ACID	88

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

APPROVED BY: AS
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-03-0.5
LAB NO: 250929
DATE SAMPLED: 10/02/23
TIME SAMPLED: 11:38
BATCH #: 100323S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/06/2023

METHOD: CHLORINATED HERBICIDES
REFERENCE: EPA 8151A

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DALAPON	75-99-0	102	ND
DICAMBA	1918-00-9	102	ND
MCPP	93-65-2	102	ND
MCPA	94-74-6	102	ND
DICHLOROPROP	120-36-5	102	ND
2,4-D	94-75-7	102	ND
2,4,5-TP	93-72-1	102	ND
2,4,5-T	93-76-5	102	ND
2,4-DB	94-82-6	102	ND
DINOSEB	88-85-7	102	ND

SURROGATE RECOVERY	%
2,4-DICHLOROPHENYL ACETIC ACID	88

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-03-2.5
LAB NO: 250930
DATE SAMPLED: 10/02/23
TIME SAMPLED: 11:56
BATCH #: 100323S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/06/2023

METHOD: CHLORINATED HERBICIDES
REFERENCE: EPA 8151A

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DALAPON	75-99-0	108	ND
DICAMBA	1918-00-9	108	ND
MCPP	93-65-2	108	ND
MCPA	94-74-6	108	ND
DICHLOROPROP	120-36-5	108	ND
2,4-D	94-75-7	108	ND
2,4,5-TP	93-72-1	108	ND
2,4,5-T	93-76-5	108	ND
2,4-DB	94-82-6	108	ND
DINOSEB	88-85-7	108	ND

SURROGATE RECOVERY	%
2,4-DICHLOROPHENYL ACETIC ACID	85

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-04-0.5
LAB NO: 250931
DATE SAMPLED: 10/02/23
TIME SAMPLED: 12:49
BATCH #: 100323S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/07/2023

METHOD: CHLORINATED HERBICIDES
REFERENCE: EPA 8151A

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DALAPON	75-99-0	105	ND
DICAMBA	1918-00-9	105	ND
MCPP	93-65-2	105	ND
MCPA	94-74-6	105	ND
DICHLOROPROP	120-36-5	105	ND
2,4-D	94-75-7	105	ND
2,4,5-TP	93-72-1	105	ND
2,4,5-T	93-76-5	105	ND
2,4-DB	94-82-6	105	ND
DINOSEB	88-85-7	105	ND

SURROGATE RECOVERY	%
2,4-DICHLOROPHENYL ACETIC ACID	86

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-04-3
LAB NO: 250932
DATE SAMPLED: 10/02/23
TIME SAMPLED: 13:04
BATCH #: 100323S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/07/2023

METHOD: CHLORINATED HERBICIDES
REFERENCE: EPA 8151A

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DALAPON	75-99-0	108	ND
DICAMBA	1918-00-9	108	ND
MCPP	93-65-2	108	ND
MCPA	94-74-6	108	ND
DICHLOROPROP	120-36-5	108	ND
2,4-D	94-75-7	108	ND
2,4,5-TP	93-72-1	108	ND
2,4,5-T	93-76-5	108	ND
2,4-DB	94-82-6	108	ND
DINOSEB	88-85-7	108	ND

SURROGATE RECOVERY	%
2,4-DICHLOROPHENYL ACETIC ACID	79

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-05-0.5
LAB NO: 250933
DATE SAMPLED: 10/02/23
TIME SAMPLED: 13:18
BATCH #: 100323S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/07/2023

METHOD: CHLORINATED HERBICIDES
REFERENCE: EPA 8151A

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DALAPON	75-99-0	106	ND
DICAMBA	1918-00-9	106	ND
MCPP	93-65-2	106	ND
MCPA	94-74-6	106	ND
DICHLOROPROP	120-36-5	106	ND
2,4-D	94-75-7	106	ND
2,4,5-TP	93-72-1	106	ND
2,4,5-T	93-76-5	106	ND
2,4-DB	94-82-6	106	ND
DINOSEB	88-85-7	106	ND

SURROGATE RECOVERY	%
2,4-DICHLOROPHENYL ACETIC ACID	92

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-05-3
LAB NO: 250934
DATE SAMPLED: 10/02/23
TIME SAMPLED: 13:55
BATCH #: 100323S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/07/2023

METHOD: CHLORINATED HERBICIDES
REFERENCE: EPA 8151A

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DALAPON	75-99-0	108	ND
DICAMBA	1918-00-9	108	ND
MCPP	93-65-2	108	ND
MCPA	94-74-6	108	ND
DICHLOROPROP	120-36-5	108	ND
2,4-D	94-75-7	108	ND
2,4,5-TP	93-72-1	108	ND
2,4,5-T	93-76-5	108	ND
2,4-DB	94-82-6	108	ND
DINOSEB	88-85-7	108	ND

SURROGATE RECOVERY	%
2,4-DICHLOROPHENYL ACETIC ACID	86

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-06-0.5
LAB NO: 250935
DATE SAMPLED: 10/02/23
TIME SAMPLED: 14:11
BATCH #: 100323S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/07/2023

METHOD: CHLORINATED HERBICIDES
REFERENCE: EPA 8151A

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DALAPON	75-99-0	105	ND
DICAMBA	1918-00-9	105	ND
MCPP	93-65-2	105	ND
MCPA	94-74-6	105	ND
DICHLOROPROP	120-36-5	105	ND
2,4-D	94-75-7	105	ND
2,4,5-TP	93-72-1	105	ND
2,4,5-T	93-76-5	105	ND
2,4-DB	94-82-6	105	ND
DINOSEB	88-85-7	105	ND

SURROGATE RECOVERY	%
2,4-DICHLOROPHENYL ACETIC ACID	85

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-06-3
LAB NO: 250938
DATE SAMPLED: 10/02/23
TIME SAMPLED: 13:35
BATCH #: 100323S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/07/2023

METHOD: CHLORINATED HERBICIDES
REFERENCE: EPA 8151A

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DALAPON	75-99-0	110	ND
DICAMBA	1918-00-9	110	ND
MCPP	93-65-2	110	ND
MCPA	94-74-6	110	ND
DICHLOROPROP	120-36-5	110	ND
2,4-D	94-75-7	110	ND
2,4,5-TP	93-72-1	110	ND
2,4,5-T	93-76-5	110	ND
2,4-DB	94-82-6	110	ND
DINOSEB	88-85-7	110	ND

SURROGATE RECOVERY	%
2,4-DICHLOROPHENYL ACETIC ACID	81

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-01-0.5
LAB NO: 250925
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 10:58
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/04/2023

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3546/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
AROCLOR 1016	12674-11-2	26.4	ND
AROCLOR 1221	11104-28-2	26.4	ND
AROCLOR 1232	11141-16-5	26.4	ND
AROCLOR 1242	53469-21-9	26.4	ND
AROCLOR 1248	12672-29-6	26.4	ND
AROCLOR 1254	11097-69-1	26.4	ND
AROCLOR 1260	11096-82-5	26.4	ND

SURROGATE RECOVERY	%
TCMX	97
DCBP	83

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-01-3
LAB NO: 250926
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 11:09
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/04/2023

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3546/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
AROCLOR 1016	12674-11-2	28.1	ND
AROCLOR 1221	11104-28-2	28.1	ND
AROCLOR 1232	11141-16-5	28.1	ND
AROCLOR 1242	53469-21-9	28.1	ND
AROCLOR 1248	12672-29-6	28.1	ND
AROCLOR 1254	11097-69-1	28.1	ND
AROCLOR 1260	11096-82-5	28.1	ND

SURROGATE RECOVERY	%
TCMX	102
DCBP	87

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-02-0.5
LAB NO: 250927
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 10:30
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/04/2023

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3546/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
AROCLOR 1016	12674-11-2	25.9	ND
AROCLOR 1221	11104-28-2	25.9	ND
AROCLOR 1232	11141-16-5	25.9	ND
AROCLOR 1242	53469-21-9	25.9	ND
AROCLOR 1248	12672-29-6	25.9	ND
AROCLOR 1254	11097-69-1	25.9	ND
AROCLOR 1260	11096-82-5	25.9	ND

SURROGATE RECOVERY	%
TCMX	89
DCBP	70

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-02-3
LAB NO: 250928
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 10:49
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/04/2023

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3546/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
AROCLOR 1016	12674-11-2	27.7	ND
AROCLOR 1221	11104-28-2	27.7	ND
AROCLOR 1232	11141-16-5	27.7	ND
AROCLOR 1242	53469-21-9	27.7	ND
AROCLOR 1248	12672-29-6	27.7	ND
AROCLOR 1254	11097-69-1	27.7	ND
AROCLOR 1260	11096-82-5	27.7	ND

SURROGATE RECOVERY	%
TCMX	99
DCBP	84

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-03-0.5
LAB NO: 250929
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 11:38
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/04/2023

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3546/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
AROCLOR 1016	12674-11-2	25.5	ND
AROCLOR 1221	11104-28-2	25.5	ND
AROCLOR 1232	11141-16-5	25.5	ND
AROCLOR 1242	53469-21-9	25.5	ND
AROCLOR 1248	12672-29-6	25.5	ND
AROCLOR 1254	11097-69-1	25.5	ND
AROCLOR 1260	11096-82-5	25.5	ND

SURROGATE RECOVERY	%
TCMX	81
DCBP	63

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-03-2.5
LAB NO: 250930
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 11:56
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/04/2023

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3546/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
AROCLOR 1016	12674-11-2	27.1	ND
AROCLOR 1221	11104-28-2	27.1	ND
AROCLOR 1232	11141-16-5	27.1	ND
AROCLOR 1242	53469-21-9	27.1	ND
AROCLOR 1248	12672-29-6	27.1	ND
AROCLOR 1254	11097-69-1	27.1	ND
AROCLOR 1260	11096-82-5	27.1	ND

SURROGATE RECOVERY	%
TCMX	102
DCBP	98

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

APPROVED BY: AR
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-04-0.5
LAB NO: 250931
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 12:49
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/04/2023

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3546/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
AROCLOR 1016	12674-11-2	26.3	ND
AROCLOR 1221	11104-28-2	26.3	ND
AROCLOR 1232	11141-16-5	26.3	ND
AROCLOR 1242	53469-21-9	26.3	ND
AROCLOR 1248	12672-29-6	26.3	ND
AROCLOR 1254	11097-69-1	26.3	ND
AROCLOR 1260	11096-82-5	26.3	ND

SURROGATE RECOVERY	%
TCMX	101
DCBP	84

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-04-3
LAB NO: 250932
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 13:04
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/04/2023

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3546/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
AROCLOR 1016	12674-11-2	27.0	ND
AROCLOR 1221	11104-28-2	27.0	ND
AROCLOR 1232	11141-16-5	27.0	ND
AROCLOR 1242	53469-21-9	27.0	ND
AROCLOR 1248	12672-29-6	27.0	ND
AROCLOR 1254	11097-69-1	27.0	ND
AROCLOR 1260	11096-82-5	27.0	ND

SURROGATE RECOVERY	%
TCMX	99
DCBP	76

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-05-0.5
LAB NO: 250933
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 13:18
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/04/2023

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3546/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
AROCLOR 1016	12674-11-2	26.6	ND
AROCLOR 1221	11104-28-2	26.6	ND
AROCLOR 1232	11141-16-5	26.6	ND
AROCLOR 1242	53469-21-9	26.6	ND
AROCLOR 1248	12672-29-6	26.6	ND
AROCLOR 1254	11097-69-1	26.6	ND
AROCLOR 1260	11096-82-5	26.6	ND

SURROGATE RECOVERY	%
TCMX	96
DCBP	76

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-05-3
LAB NO: 250934
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 13:55
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/04/2023

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3546/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
AROCLOR 1016	12674-11-2	26.9	ND
AROCLOR 1221	11104-28-2	26.9	ND
AROCLOR 1232	11141-16-5	26.9	ND
AROCLOR 1242	53469-21-9	26.9	ND
AROCLOR 1248	12672-29-6	26.9	ND
AROCLOR 1254	11097-69-1	26.9	ND
AROCLOR 1260	11096-82-5	26.9	ND

SURROGATE RECOVERY	%
TCMX	100
DCBP	87

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-06-0.5
LAB NO: 250935
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 14:11
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/04/2023

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3546/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
AROCLOR 1016	12674-11-2	26.2	ND
AROCLOR 1221	11104-28-2	26.2	ND
AROCLOR 1232	11141-16-5	26.2	ND
AROCLOR 1242	53469-21-9	26.2	ND
AROCLOR 1248	12672-29-6	26.2	ND
AROCLOR 1254	11097-69-1	26.2	ND
AROCLOR 1260	11096-82-5	26.2	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: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

SAMPLE ID: SB-06-3
LAB NO: 250938
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 13:35
BATCH NO: 091923S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/04/2023

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3546/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg dry weight

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
AROCLOR 1016	12674-11-2	27.4	ND
AROCLOR 1221	11104-28-2	27.4	ND
AROCLOR 1232	11141-16-5	27.4	ND
AROCLOR 1242	53469-21-9	27.4	ND
AROCLOR 1248	12672-29-6	27.4	ND
AROCLOR 1254	11097-69-1	27.4	ND
AROCLOR 1260	11096-82-5	27.4	ND

SURROGATE RECOVERY	%
TCMX	101
DCBP	90

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

APPROVED BY: AB
DATE: 10-9-23

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SB-01-0.5

LAB NO: 250925
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 10:58
BATCH ID: 092523S1

K PRIME PROJECT : 5658
CLIENT PROJECT : 23028-01

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

SAMPLE TYPE: SOIL
UNITS: mg/kg dry weight

ELEMENT NAME	ELEMENT SYMBOL	DATE ANALYZED	REPORTING LIMIT	SAMPLE CONCENTRATION
ANTIMONY	Sb	10/04/2023	2.64	ND
ARSENIC	As	10/04/2023	2.64	7.23
BARIUM	Ba	10/04/2023	2.64	118
BERYLLIUM	Be	10/04/2023	2.64	ND
CADMIUM	Cd	10/04/2023	0.527	ND
CHROMIUM	Cr	10/04/2023	2.64	52.0
COBALT	Co	10/04/2023	2.64	10.9
COPPER	Cu	10/04/2023	2.64	13.8
LEAD	Pb	10/04/2023	2.64	24.6
MERCURY	Hg	10/05/2023	0.105	ND
MOLYBDENUM	Mo	10/04/2023	2.64	ND
NICKEL	Ni	10/04/2023	2.64	54.4
SELENIUM	Se	10/04/2023	2.64	ND
SILVER	Ag	10/04/2023	2.64	ND
THALLIUM	Tl	10/04/2023	2.64	ND
VANADIUM	V	10/04/2023	2.64	44.8
ZINC	Zn	10/04/2023	2.64	42.6

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

APPROVED BY: (A)
DATE: 10/05/2023

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SB-01-3

LAB NO: 250926
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 11:09
BATCH ID: 092523S1

K PRIME PROJECT : 5658
CLIENT PROJECT : 23028-01

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

SAMPLE TYPE: SOIL
UNITS: mg/kg dry weight

ELEMENT NAME	ELEMENT SYMBOL	DATE ANALYZED	REPORTING LIMIT	SAMPLE CONCENTRATION
ANTIMONY	Sb	10/04/2023	2.81	ND
ARSENIC	As	10/04/2023	2.81	ND
BARIUM	Ba	10/04/2023	2.81	112
BERYLLIUM	Be	10/04/2023	2.81	ND
CADMIUM	Cd	10/04/2023	0.562	ND
CHROMIUM	Cr	10/04/2023	2.81	43.2
COBALT	Co	10/04/2023	2.81	11.3
COPPER	Cu	10/04/2023	2.81	17.1
LEAD	Pb	10/04/2023	2.81	4.64
MERCURY	Hg	10/05/2023	0.112	ND
MOLYBDENUM	Mo	10/04/2023	2.81	ND
NICKEL	Ni	10/04/2023	2.81	55.7
SELENIUM	Se	10/04/2023	2.81	ND
SILVER	Ag	10/04/2023	2.81	ND
THALLIUM	Tl	10/04/2023	2.81	ND
VANADIUM	V	10/04/2023	2.81	45.9
ZINC	Zn	10/04/2023	2.81	37.5

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

APPROVED BY: A
DATE: 10/05/2023

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SB-02-0.5

LAB NO: 250927
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 10:30
BATCH ID: 092523S1

K PRIME PROJECT : 5658
CLIENT PROJECT : 23028-01

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

SAMPLE TYPE: SOIL
UNITS: mg/kg dry weight

ELEMENT NAME	ELEMENT SYMBOL	DATE ANALYZED	REPORTING LIMIT	SAMPLE CONCENTRATION
ANTIMONY	Sb	10/04/2023	2.59	ND
ARSENIC	As	10/04/2023	2.59	8.41
BARIUM	Ba	10/04/2023	2.59	128
BERYLLIUM	Be	10/04/2023	2.59	ND
CADMIUM	Cd	10/04/2023	0.517	ND
CHROMIUM	Cr	10/04/2023	2.59	54.2
COBALT	Co	10/04/2023	2.59	10.7
COPPER	Cu	10/04/2023	2.59	14.4
LEAD	Pb	10/04/2023	2.59	28.1
MERCURY	Hg	10/05/2023	0.103	ND
MOLYBDENUM	Mo	10/04/2023	2.59	ND
NICKEL	Ni	10/04/2023	2.59	47.0
SELENIUM	Se	10/04/2023	2.59	ND
SILVER	Ag	10/04/2023	2.59	ND
THALLIUM	Tl	10/04/2023	2.59	ND
VANADIUM	V	10/04/2023	2.59	43.2
ZINC	Zn	10/04/2023	2.59	38.4

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

APPROVED BY: A
DATE: 10/05/2023

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SB-02-3

K PRIME PROJECT : 5658
CLIENT PROJECT : 23028-01

LAB NO: 250928
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 10:49
BATCH ID: 092523S1

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

SAMPLE TYPE: SOIL
UNITS: mg/kg dry weight

ELEMENT NAME	ELEMENT SYMBOL	DATE ANALYZED	REPORTING LIMIT	SAMPLE CONCENTRATION
ANTIMONY	Sb	10/04/2023	2.77	ND
ARSENIC	As	10/04/2023	2.77	4.69
BARIUM	Ba	10/04/2023	2.77	114
BERYLLIUM	Be	10/04/2023	2.77	ND
CADMIUM	Cd	10/04/2023	0.555	ND
CHROMIUM	Cr	10/04/2023	2.77	47.7
COBALT	Co	10/04/2023	2.77	10.8
COPPER	Cu	10/04/2023	2.77	13.9
LEAD	Pb	10/04/2023	2.77	12.8
MERCURY	Hg	10/05/2023	0.111	ND
MOLYBDENUM	Mo	10/04/2023	2.77	ND
NICKEL	Ni	10/04/2023	2.77	48.1
SELENIUM	Se	10/04/2023	2.77	ND
SILVER	Ag	10/04/2023	2.77	ND
THALLIUM	Tl	10/04/2023	2.77	ND
VANADIUM	V	10/04/2023	2.77	43.9
ZINC	Zn	10/04/2023	2.77	33.9

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

APPROVED BY: A
DATE: 10/05/2023

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SB-03-0.5

LAB NO: 250929
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 11:38
BATCH ID: 092523S1

K PRIME PROJECT : 5658
CLIENT PROJECT : 23028-01

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

SAMPLE TYPE: SOIL
UNITS: mg/kg dry weight

ELEMENT NAME	ELEMENT SYMBOL	DATE ANALYZED	REPORTING LIMIT	SAMPLE CONCENTRATION
ANTIMONY	Sb	10/04/2023	2.55	ND
ARSENIC	As	10/04/2023	2.55	ND
BARIUM	Ba	10/04/2023	2.55	131
BERYLLIUM	Be	10/04/2023	2.55	ND
CADMIUM	Cd	10/04/2023	0.511	ND
CHROMIUM	Cr	10/04/2023	2.55	37.1
COBALT	Co	10/04/2023	2.55	9.80
COPPER	Cu	10/04/2023	2.55	13.7
LEAD	Pb	10/04/2023	2.55	6.62
MERCURY	Hg	10/05/2023	0.102	ND
MOLYBDENUM	Mo	10/04/2023	2.55	ND
NICKEL	Ni	10/04/2023	2.55	43.8
SELENIUM	Se	10/04/2023	2.55	ND
SILVER	Ag	10/04/2023	2.55	ND
THALLIUM	Tl	10/04/2023	2.55	ND
VANADIUM	V	10/04/2023	2.55	36.9
ZINC	Zn	10/04/2023	2.55	40.8

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

APPROVED BY: (A)
DATE: 10/05/2023

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SB-03-2.5

LAB NO: 250930
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 11:56
BATCH ID: 092523S1

K PRIME PROJECT : 5658
CLIENT PROJECT : 23028-01

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

SAMPLE TYPE: SOIL
UNITS: mg/kg dry weight

ELEMENT NAME	ELEMENT SYMBOL	DATE ANALYZED	REPORTING LIMIT	SAMPLE CONCENTRATION
ANTIMONY	Sb	10/04/2023	2.71	ND
ARSENIC	As	10/04/2023	2.71	ND
BARIUM	Ba	10/04/2023	2.71	122
BERYLLIUM	Be	10/04/2023	2.71	ND
CADMIUM	Cd	10/04/2023	0.542	ND
CHROMIUM	Cr	10/04/2023	2.71	38.8
COBALT	Co	10/04/2023	2.71	10.9
COPPER	Cu	10/04/2023	2.71	15.6
LEAD	Pb	10/04/2023	2.71	5.07
MERCURY	Hg	10/05/2023	0.108	ND
MOLYBDENUM	Mo	10/04/2023	2.71	ND
NICKEL	Ni	10/04/2023	2.71	48.1
SELENIUM	Se	10/04/2023	2.71	ND
SILVER	Ag	10/04/2023	2.71	ND
THALLIUM	Tl	10/04/2023	2.71	ND
VANADIUM	V	10/04/2023	2.71	42.8
ZINC	Zn	10/04/2023	2.71	38.8

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

APPROVED BY: A
DATE: 10/05/2023

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SB-04-0.5

LAB NO: 250931
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 12:49
BATCH ID: 092523S1

K PRIME PROJECT : 5658
CLIENT PROJECT : 23028-01

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

SAMPLE TYPE: SOIL
UNITS: mg/kg dry weight

ELEMENT NAME	ELEMENT SYMBOL	DATE ANALYZED	REPORTING LIMIT	SAMPLE CONCENTRATION
ANTIMONY	Sb	10/04/2023	2.63	ND
ARSENIC	As	10/04/2023	2.63	3.34
BARIUM	Ba	10/04/2023	2.63	112
BERYLLIUM	Be	10/04/2023	2.63	ND
CADMIUM	Cd	10/04/2023	0.526	ND
CHROMIUM	Cr	10/04/2023	2.63	37.4
COBALT	Co	10/04/2023	2.63	8.89
COPPER	Cu	10/04/2023	2.63	13.6
LEAD	Pb	10/04/2023	2.63	6.84
MERCURY	Hg	10/05/2023	0.105	ND
MOLYBDENUM	Mo	10/04/2023	2.63	ND
NICKEL	Ni	10/04/2023	2.63	43.4
SELENIUM	Se	10/04/2023	2.63	ND
SILVER	Ag	10/04/2023	2.63	ND
THALLIUM	Tl	10/04/2023	2.63	ND
VANADIUM	V	10/04/2023	2.63	39.7
ZINC	Zn	10/04/2023	2.63	42.3

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

APPROVED BY: A
DATE: 10/05/2023

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SB-04-3

LAB NO: 250932
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 13:04
BATCH ID: 092523S1

K PRIME PROJECT : 5658
CLIENT PROJECT : 23028-01

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

SAMPLE TYPE: SOIL
UNITS: mg/kg dry weight

ELEMENT NAME	ELEMENT SYMBOL	DATE ANALYZED	REPORTING LIMIT	SAMPLE CONCENTRATION
ANTIMONY	Sb	10/04/2023	2.70	ND
ARSENIC	As	10/04/2023	2.70	2.84
BARIUM	Ba	10/04/2023	2.70	126
BERYLLIUM	Be	10/04/2023	2.70	ND
CADMIUM	Cd	10/04/2023	0.539	ND
CHROMIUM	Cr	10/04/2023	2.70	46.0
COBALT	Co	10/04/2023	2.70	10.5
COPPER	Cu	10/04/2023	2.70	14.7
LEAD	Pb	10/04/2023	2.70	4.98
MERCURY	Hg	10/05/2023	0.108	ND
MOLYBDENUM	Mo	10/04/2023	2.70	ND
NICKEL	Ni	10/04/2023	2.70	46.8
SELENIUM	Se	10/04/2023	2.70	ND
SILVER	Ag	10/04/2023	2.70	ND
THALLIUM	Tl	10/04/2023	2.70	ND
VANADIUM	V	10/04/2023	2.70	46.4
ZINC	Zn	10/04/2023	2.70	39.7

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

APPROVED BY: A
DATE: 10/05/2023

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SB-05-0.5

LAB NO: 250933
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 13:18
BATCH ID: 092523S1

K PRIME PROJECT : 5658
CLIENT PROJECT : 23028-01

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

SAMPLE TYPE: SOIL
UNITS: mg/kg dry weight

ELEMENT NAME	ELEMENT SYMBOL	DATE ANALYZED	REPORTING LIMIT	SAMPLE CONCENTRATION
ANTIMONY	Sb	10/04/2023	2.66	ND
ARSENIC	As	10/04/2023	2.66	3.41
BARIUM	Ba	10/04/2023	2.66	159
BERYLLIUM	Be	10/04/2023	2.66	ND
CADMIUM	Cd	10/04/2023	0.532	ND
CHROMIUM	Cr	10/04/2023	2.66	49.8
COBALT	Co	10/04/2023	2.66	12.8
COPPER	Cu	10/04/2023	2.66	18.3
LEAD	Pb	10/04/2023	2.66	5.51
MERCURY	Hg	10/05/2023	0.106	ND
MOLYBDENUM	Mo	10/04/2023	2.66	ND
NICKEL	Ni	10/04/2023	2.66	57.0
SELENIUM	Se	10/04/2023	2.66	ND
SILVER	Ag	10/04/2023	2.66	ND
THALLIUM	Tl	10/04/2023	2.66	ND
VANADIUM	V	10/04/2023	2.66	52.8
ZINC	Zn	10/04/2023	2.66	47.1

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

APPROVED BY: (A)
DATE: 10/05/2023

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SB-05-3

LAB NO: 250934
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 13:55
BATCH ID: 092523S1

K PRIME PROJECT : 5658
CLIENT PROJECT : 23028-01

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

SAMPLE TYPE: SOIL
UNITS: mg/kg dry weight

ELEMENT NAME	ELEMENT SYMBOL	DATE ANALYZED	REPORTING LIMIT	SAMPLE CONCENTRATION
ANTIMONY	Sb	10/04/2023	2.69	ND
ARSENIC	As	10/04/2023	2.69	4.84
BARIUM	Ba	10/04/2023	2.69	162
BERYLLIUM	Be	10/04/2023	2.69	ND
CADMIUM	Cd	10/04/2023	0.538	ND
CHROMIUM	Cr	10/04/2023	2.69	57.7
COBALT	Co	10/04/2023	2.69	14.4
COPPER	Cu	10/04/2023	2.69	21.9
LEAD	Pb	10/04/2023	2.69	6.55
MERCURY	Hg	10/05/2023	0.108	ND
MOLYBDENUM	Mo	10/04/2023	2.69	ND
NICKEL	Ni	10/04/2023	2.69	69.6
SELENIUM	Se	10/04/2023	2.69	ND
SILVER	Ag	10/04/2023	2.69	ND
THALLIUM	Tl	10/04/2023	2.69	ND
VANADIUM	V	10/04/2023	2.69	62.3
ZINC	Zn	10/04/2023	2.69	52.6

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

APPROVED BY: A
DATE: 10/05/2023

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SB-06-0.5

K PRIME PROJECT : 5658
CLIENT PROJECT : 23028-01

LAB NO: 250935
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 14:11
BATCH ID: 092523S1

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

SAMPLE TYPE: SOIL
UNITS: mg/kg dry weight

ELEMENT NAME	ELEMENT SYMBOL	DATE ANALYZED	REPORTING LIMIT	SAMPLE CONCENTRATION
ANTIMONY	Sb	10/04/2023	2.62	ND
ARSENIC	As	10/04/2023	2.62	ND
BARIUM	Ba	10/04/2023	2.62	145
BERYLLIUM	Be	10/04/2023	2.62	ND
CADMIUM	Cd	10/04/2023	0.525	ND
CHROMIUM	Cr	10/04/2023	2.62	33.5
COBALT	Co	10/04/2023	2.62	9.26
COPPER	Cu	10/04/2023	2.62	12.8
LEAD	Pb	10/04/2023	2.62	5.96
MERCURY	Hg	10/05/2023	0.105	ND
MOLYBDENUM	Mo	10/04/2023	2.62	ND
NICKEL	Ni	10/04/2023	2.62	40.2
SELENIUM	Se	10/04/2023	2.62	ND
SILVER	Ag	10/04/2023	2.62	ND
THALLIUM	Tl	10/04/2023	2.62	ND
VANADIUM	V	10/04/2023	2.62	36.2
ZINC	Zn	10/04/2023	2.62	37.8

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

APPROVED BY: (A)
DATE: 10/05/2023

K PRIME, INC.
LABORATORY REPORT

SAMPLE ID: SB-06-3

K PRIME PROJECT : 5658
CLIENT PROJECT : 23028-01

LAB NO: 250938
DATE SAMPLED: 10/02/2023
TIME SAMPLED: 13:35
BATCH ID: 092523S1

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

SAMPLE TYPE: SOIL
UNITS: mg/kg dry weight

ELEMENT NAME	ELEMENT SYMBOL	DATE ANALYZED	REPORTING LIMIT	SAMPLE CONCENTRATION
ANTIMONY	Sb	10/04/2023	2.74	ND
ARSENIC	As	10/04/2023	2.74	3.41
BARIUM	Ba	10/04/2023	2.74	144
BERYLLIUM	Be	10/04/2023	2.74	ND
CADMIUM	Cd	10/04/2023	0.548	ND
CHROMIUM	Cr	10/04/2023	2.74	49.1
COBALT	Co	10/04/2023	2.74	15.3
COPPER	Cu	10/04/2023	2.74	20.8
LEAD	Pb	10/04/2023	2.74	6.34
MERCURY	Hg	10/05/2023	0.110	ND
MOLYBDENUM	Mo	10/04/2023	2.74	ND
NICKEL	Ni	10/04/2023	2.74	64.0
SELENIUM	Se	10/04/2023	2.74	ND
SILVER	Ag	10/04/2023	2.74	ND
THALLIUM	Tl	10/04/2023	2.74	ND
VANADIUM	V	10/04/2023	2.74	56.2
ZINC	Zn	10/04/2023	2.74	43.3

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

APPROVED BY: A
DATE: 10/05/2023

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

METHOD: Soil pH Measured in Water
REFERENCE: EPA 9045C

SAMPLE TYPE: SOIL
UNITS: pH UNITS

SAMPLE ID	LAB ID	DATE SAMPLED	TIME SAMPLED	BATCH ID	DATE ANALYZED	Soil pH		Temperature	
SB-01-0.5	250925	10/02/2023	10:58	100923S1	10/09/2023	5.64	at	24.7	deg C
SB-01-3	250926	10/02/2023	11:09	100923S1	10/09/2023	6.77	at	24.9	deg C
SB-02-0.5	250927	10/02/2023	10:30	100923S1	10/09/2023	5.46	at	24.6	deg C
SB-02-3	250928	10/02/2023	10:49	100923S1	10/09/2023	6.24	at	25.0	deg C
SB-03-0.5	250929	10/02/2023	11:38	100923S1	10/09/2023	5.72	at	24.4	deg C
SB-03-2.5	250930	10/02/2023	11:56	100923S1	10/09/2023	5.96	at	24.2	deg C
SB-04-0.5	250931	10/02/2023	12:49	100923S1	10/09/2023	5.49	at	23.9	deg C
SB-04-3	250932	10/02/2023	13:04	100923S1	10/09/2023	5.90	at	24.6	deg C
SB-05-0.5	250933	10/02/2023	13:18	100923S1	10/09/2023	6.02	at	24.3	deg C
SB-05-3	250934	10/02/2023	13:55	100923S1	10/09/2023	6.20	at	24.1	deg C
SB-06-0.5	250935	10/02/2023	14:11	100923S1	10/09/2023	5.87	at	24.1	deg C
SB-06-3	250938	10/02/2023	13:35	100923S1	10/09/2023	6.10	at	24.4	deg C

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

APPROVED BY: (N)
DATE: 10/09/2023

K PRIME, INC.

LABORATORY REPORT

K PRIME PROJECT: 5658
CLIENT PROJECT: 23028-01

METHOD: PERCENT MOISTURE
REFERENCE: ASTM D 2216-05

SAMPLE TYPE: SOIL
UNITS: %

SAMPLE ID	LAB NO.	DATE SAMPLED	TIME SAMPLED	BATCH ID	DATE ANALYZED	MRL	SAMPLE CONC
SB-01-0.5	250925	10/02/2023	10:58	100323S1	10/04/2023	0.100	5.19
SB-01-3	250926	10/02/2023	11:09	100323S1	10/04/2023	0.100	11.1
SB-02-0.5	250927	10/02/2023	10:30	100323S1	10/04/2023	0.100	3.38
SB-02-3	250928	10/02/2023	10:49	100323S1	10/04/2023	0.100	9.85
SB-03-0.5	250929	10/02/2023	11:38	100323S1	10/04/2023	0.100	2.09
SB-03-2.5	250930	10/02/2023	11:56	100323S1	10/04/2023	0.100	7.69
SB-04-0.5	250931	10/02/2023	12:49	100323S1	10/04/2023	0.100	4.96
SB-04-3	250932	10/02/2023	13:04	100323S1	10/04/2023	0.100	7.28
SB-05-0.5	250933	10/02/2023	13:18	100323S1	10/04/2023	0.100	6.03
SB-05-3	250934	10/02/2023	13:55	100323S1	10/04/2023	0.100	7.02
SB-06-0.5	250935	10/02/2023	14:11	100323S1	10/04/2023	0.100	4.71
SB-06-3	250938	10/02/2023	13:35	100323S1	10/04/2023	0.100	8.80

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

APPROVED BY: AB
DATE: 10-4-23

K PRIME, INC.
LABORATORY QUALITY CONTROL REPORT

BATCH ID: 091923S1
DATE EXTRACTED: 09/19/2023
DATE ANALYZED: 09/19/2023

METHOD: DRO
REFERENCE: EPA 8015B

SAMPLE TYPE: SOIL
UNITS: mg/Kg

METHOD BLANK ID: B091923S1

COMPOUND NAME	REPORTING LIMIT	SAMPLE CONC
DRO	10.0	ND

SAMPLE ID: L091923S1
DUPLICATE ID: D091923S1

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
DRO	500	ND	470	94	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
DRO	10.0	470	465	1.0	±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 BATCH QC REPORT

METHOD BLANK ID: B091923S1
BATCH NO: 091923S1
DATE EXTRACTED: 09/19/2023
DATE ANALYZED: 09/19/2023

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3546/8081

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	91
DCBP	80

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

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: B091923S1
SPIKE ID: L091923S1
DUPLICATE ID: D091923S1
BATCH NO: 091923S1
DATE EXTRACTED: 09/19/2023
DATE ANALYZED: 09/19/2023

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3546/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

COMPOUND NAME	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
GAMMA-BHC (LINDANE)	125	ND	108	87	50-150
HEPTACHLOR	125	ND	96.6	77	50-150
ALDRIN	125	ND	105	84	50-150
DIELDRIN	125	ND	107	85	50-150
ENDRIN	125	ND	106	84	50-150
DDT	125	ND	93.7	75	50-150

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
GAMMA-BHC (LINDANE)	2.00	108	114	5.2	±40
HEPTACHLOR	2.00	96.6	101	4.0	±40
ALDRIN	2.00	105	106	1.2	±40
DIELDRIN	2.00	107	108	1.1	±40
ENDRIN	2.00	106	107	1.0	±40
DDT	2.00	93.7	98.0	4.4	±40

K PRIME, INC.
LABORATORY BATCH QC REPORT

METHOD BLANK ID: B091923S1
BATCH NO: 091923S1
DATE EXTRACTED: 09/19/2023
DATE ANALYZED: 09/21/2023

METHOD: ORGANOPHOSPHORUS PESTICIDES
REFERENCE: EPA 3550/8141

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DICHLORVOS	62-73-7	2.50	ND
MEVINPHOS	7786-34-7	25.0	ND
DEMETON-O	298-03-3	2.50	ND
DEMETON-S	126-75-0	17.5	ND
SULFOTEP	3689-24-5	2.50	ND
ETHOPROPHOS	13194-48-4	2.50	ND
PHORATE	298-02-2	2.50	ND
DIMETHOATE	60-51-5	12.5	ND
DIAZINON	333-41-5	2.50	ND
DISULFOTON	298-04-4	2.50	ND
PARATHION-ETHYL	56-38-2	12.5	ND
PARATHION-METHYL	298-00-0	2.50	ND
FENCHLORPHOS	299-84-3	5.00	ND
MALATHION	121-75-5	5.00	ND
FENTHION	55-38-9	5.00	ND
CHLORPYRIFOS	5598-15-2	5.00	ND
TRICHLORONATE	327-98-0	2.50	ND
MERPHOS AND TRIBUFOS	150-50-5 / 78-48-8	2.50	ND
TETRACHLORVINPHOS	22248-79-9	5.00	ND
PROTHIOFOS	34643-46-4	5.00	ND
FENSULFOTHION	115-90-2	12.5	ND
SULPROFOS	35400-43-2	5.00	ND
AZINPHOS-METHYL	86-50-0	2.50	ND
COUMAPHOS	56-72-4	5.00	ND
CHLORFENVINPHOS	470-90-6	12.5	ND

SURROGATE RECOVERY	%
TRIBUTYL PHOSPHATE	101
TRIPHENYL PHOSPHATE	69

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

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: B091923S1
SPIKE ID: L091923S1
DUPLICATE ID: D091923S1
BATCH NO: 091923S1
DATE EXTRACTED: 09/19/2023
DATE ANALYZED: 09/21/2023

METHOD: ORGANOPHOSPHORUS PESTICIDES
REFERENCE: EPA 3550/8141

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

COMPOUND NAME	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
SULFOTEP	250	ND	180	72	50-150
PHORATE	125	ND	97.8	78	50-150
DIMETHOATE	125	ND	86.5	69	50-150
DISULFOTON	125	ND	84.5	68	50-150
PARATHION-METHYL	125	ND	87.3	70	50-150

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
SULFOTEP	2.50	180	188	4.8	±40
PHORATE	2.50	97.8	101	3.4	±40
DIMETHOATE	2.50	86.5	91.1	5.3	±40
DISULFOTON	2.50	84.5	90.7	7.0	±40
PARATHION-METHYL	2.50	87.3	91.7	5.0	±40

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

K PRIME, INC.
LABORATORY QC REPORT

METHOD BLANK ID: B100323S1
BATCH # 100323S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/06/2023

METHOD: CHLORINATED HERBICIDES
REFERENCE: EPA 8151A

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DALAPON	75-99-0	100	ND
DICAMBA	1918-00-9	100	ND
MCPP	93-65-2	100	ND
MCPA	94-74-6	100	ND
DICHLOROPROP	120-36-5	100	ND
2,4-D	94-75-7	100	ND
2,4,5-TP	93-72-1	100	ND
2,4,5-T	93-76-5	100	ND
2,4-DB	94-82-6	100	ND
DINOSEB	88-85-7	100	ND

SURROGATE RECOVERY	%
2,4-DICHLOROPHENYL ACETIC ACID	102

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

K PRIME, INC.
LABORATORY QC REPORT

SAMPLE ID: L100323S1
DUPLICATE ID: D100323S1
BATCH #: 100323S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/06/2023

METHOD: CHLORINATED HERBICIDES
REFERENCE: EPA 8151A

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

COMPOUND NAME	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
DALAPON	1600	ND	1310	82	40-150
DICAMBA	1600	ND	1430	89	40-150
DICHLOROPROP	1600	ND	1500	94	40-150
2,4-D	1600	ND	1430	89	40-150
2,4,5-TP	1600	ND	1340	84	40-150
2,4,5-T	1600	ND	1410	88	40-150
2,4-DB	1600	ND	1530	96	40-150
DINOSEB	1600	ND	1380	86	40-150

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
DALAPON	100	1310	1220	7.1	±40
DICAMBA	100	1430	1410	1.4	±40
DICHLOROPROP	100	1500	1280	15.8	±40
2,4-D	100	1430	1490	4.1	±40
2,4,5-TP	100	1340	1360	1.5	±40
2,4,5-T	100	1410	1380	2.2	±40
2,4-DB	100	1530	1500	2.0	±40
DINOSEB	100	1380	1390	0.7	±40

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

K PRIME, INC.
LABORATORY QC REPORT

SAMPLE ID: MS-250925
DUPLICATE ID: MSD-250925
BATCH #: 100323S1
DATE EXTRACTED: 10/03/2023
DATE ANALYZED: 10/06/2023

METHOD: CHLORINATED HERBICIDES
REFERENCE: EPA 8151A

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

COMPOUND NAME	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
DALAPON	1600	ND	1130	71	40-150
DICAMBA	1600	ND	1360	85	40-150
DICHLOROPROP	1600	ND	1330	83	40-150
2,4-D	1600	ND	1320	83	40-150
2,4,5-TP	1600	ND	1150	72	40-150
2,4,5-T	1600	ND	1430	89	40-150
2,4-DB	1600	ND	1340	84	40-150
DINOSEB	1600	ND	1210	76	40-150

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
DALAPON	100	1130	1120	0.9	±40
DICAMBA	100	1360	1280	6.1	±40
DICHLOROPROP	100	1330	1170	12.8	±40
2,4-D	100	1320	1230	7.1	±40
2,4,5-TP	100	1150	1030	11.0	±40
2,4,5-T	100	1430	1160	20.8	±40
2,4-DB	100	1340	1100	19.7	±40
DINOSEB	100	1210	1160	4.2	±40

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: B091923S1
BATCH NO: 091923S1
DATE EXTRACTED: 09/19/2023
DATE ANALYZED: 09/19/2023

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3546/8082

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	76
DCBP	124

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

K PRIME, INC.

LABORATORY BATCH QC REPORT

SAMPLE ID: B091923S1
SPIKE ID: L091923S1
DUPLICATE ID: D091923S1
BATCH NO: 091923S1
DATE EXTRACTED: 09/19/2023
DATE ANALYZED: 09/19/2023

METHOD: POLYCHLORINATED BIPHENYLS
REFERENCE: EPA 3546/8082

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

COMPOUND NAME	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
AROCLOR 1260	625	ND	462	74	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
AROCLOR 1260	25.0	462	477	3.1	±20

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

K PRIME, INC.

LABORATORY BATCH QC REPORT

SAMPLE ID: L092523S1
DUPLICATE ID: D092523S1
METHOD BLANK ID: B100323S1
BATCH ID: 092523S1
DATE ANALYZED: 09/25/2023

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

SAMPLE TYPE: SOIL
UNITS: mg/kg dry weight

ELEMENT NAME		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	21.1	22.1	84	4.5
ARSENIC	As	<2.50	25.0	0.0	23.8	24.0	95	0.8
BARIUM	Ba	<2.50	25.0	0.0	24.8	24.8	99	0.0
BERYLLIUM	Be	<2.50	25.0	0.0	23.2	22.8	93	1.5
CADMIUM	Cd	<0.500	25.0	0.0	24.2	24.4	97	1.1
CHROMIUM	Cr	<2.50	25.0	0.0	24.9	25.0	100	0.2
COBALT	Co	<2.50	25.0	0.0	24.0	24.0	96	0.2
COPPER	Cu	<2.50	25.0	0.0	24.1	24.0	96	0.3
LEAD	Pb	<2.50	25.0	0.0	25.2	25.4	101	0.7
MERCURY	Hg	<0.100	1.00	0.0	1.04	1.13	104	7.8
MOLYBDENUM	Mo	<2.50	25.0	0.0	25.2	25.2	101	0.0
NICKEL	Ni	<2.50	25.0	0.0	24.4	24.5	98	0.3
SELENIUM	Se	<2.50	25.0	0.0	23.4	23.6	94	0.8
SILVER	Ag	<2.50	12.5	0.0	13.4	13.3	107	1.1
THALLIUM	Tl	<2.50	25.0	0.0	23.8	24.3	95	2.0
VANADIUM	V	<2.50	25.0	0.0	24.4	24.6	98	0.6
ZINC	Zn	<2.50	25.0	0.0	23.1	23.0	93	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
NC: NOT CALCULATED DUE TO RELATIVE CONCENTRATIONS

K PRIME, INC.
LABORATORY BATCH QC REPORT

METHOD: pH
REFERENCE: EPA 9045C

BATCH ID: 100923S1
SAMPLE TYPE: SOIL
UNITS: pH UNITS

I. PRECISION (DUPLICATE)

SAMPLE ID: 250929
DUPLICATE ID: 250929DUP

COMPOUND NAME	REPORTING LIMIT	PRIMARY RESULT	DUPLICATE RESULT	RPD (%)
pH	NA	5.72	5.67	0.9

II. ACCURACY

REFERENCE ID: L100923S1

COMPOUND NAME	REPORTING LIMIT	CERTIFIED VALUE	FOUND VALUE	ACCURACY (%)
pH	NA	9.16	9.02	98

NOTES:

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

K PRIME, INC.

LABORATORY BATCH QC REPORT

SAMPLE ID: 250925
DUPLICATE ID: 250925DUP
METHOD BLANK ID: B100323S1
BATCH NO: 100323S1
DATE ANALYZED: 10/04/2023

METHOD: PERCENT MOISTURE
REFERENCE: ASTM D 2216-05

SAMPLE TYPE: SOIL
UNITS: %

PRECISION (DUPLICATE)

ANALYTE	REPORTING LIMIT	PRIMARY RESULT	DUPLICATE RESULT	RPD (%)
% MOISTURE	0.100	5.19	5.16	0.580

NOTES:

ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE
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: [redacted] Form Energy | Address/Phone | All results in Dry weights | KPI Project No. 5469-5658

Project Location | Client Project No. 23028-01 | ANALYSES | ☐ EDF Log Code: _____

Contact | Sampler (Signature) | Global ID

Sample Identification No.	Date	Time	Lab Sample No.	Type of Sample	No. of Containers	TPHd/mo (8015)	OCP (8081)	OPP (8141)	CHCAs (8151)	PCBs as Arochlors	PH	CAM 17	Expected Turnaround Time	Remarks
SB-01-0.5	10/2/2023	1058	250925	GS	1								~~5 DAY~~	~~Hold~~
SB-01-3		1109	250926											* PER A. GOLDBERG 10/2/23 JP
SB-02-0.5		1830	250927											
SB-02-3		1849	250928											
SB-03-0.5		1138	250929											
SB-03-2.5		1156	250930											
SB-04-0.5		1249	250931											
SB-04-3		1304	250932											
SB-05-0.5		1318	250933											
SB-05-3		1355	250934											
SB-06-0.5		~~1425~~ 1911	250935											
** RINSATE		1923	250936	WATER	4								HOLD	** PER DTM 10/2/23
EB		1451	250937	~~SOIL~~ AQ	3								HOLD	~~HOLD PER~~

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
	ERI	10/2/23	15:58
Relinquished by: (Signature)	Received by: (Signature)	Date	Time
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.

CHAIN OF CUSTODY RECORD

CONSULTING ANALYTICAL CHEMISTS 3621 Westwind Blvd., Santa Rosa, CA 95403 PHONE: (707) 527-7574 FAX: (707) 527-7879

2 OF 2.

Client/Project ID	Address/Phone	ALL RESULTS IN DRY WEIGHT ANALYSES	KPI Project No.
FORM ENERGY			~~5669~~ 5058
Project Location	Client Project No. 23028-01		☐ EDF Log Code: _____
Contact	Sampler (Signature)		Global ID

Sample Identification No.	Date	Time	Lab Sample No.	Type of Sample	No. of Containers	TPHd/-MO (8015)	OCP (8081)	OPP (8141)	CLHERBS (8151)	PCBs as AROCLORS (8082)	PAH	CAM 17	Expected Turnaround Time	Remarks
SB-06-3	10/2/23	1335	250938	SOIL	1	X	X	X	X	X	X	X	5-DAY	

Relinquished by: (Signature)	Received by: (Signature)	Date 10/2/23	Time 15:58
Relinquished by: (Signature)	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Received by: (Signature)	Date	Time
Disposal Method			
Disposed by: (Signature)	Date	Time	

White Copy : Accompanies Samples
Yellow Copy : Sampler

Attachment 5

Table 1 Metals Found in Soil Samples

Table 1 metals												
Results in mg/kg dry wt			**Sample Conc.**					**ND = not detected at the reporting lim**				
Sample ID	**Location**	**Description**	**Sb**	**As**	**Ba**	**Be**	**Cd**	**Cr (total)**	**Co**	**Cu**	**Pb**	**Hg**
S-01-0.5	Power Block 1	soil 3 - 6" depth	ND	7.2	118	ND	ND	52.0	10.9	13.6	24.6	ND
S-01 -3	"	soil 3-ft depth	ND	ND	112	ND	ND	43.2	11.3	17.1	4.6	ND
S-02 -0.5	Power Block 1	soil 3 - 6" depth	ND	8.4	128	ND	ND	54.2	10.7	14.4	28.1	ND
S-02-3	"	soil 3-ft depth	ND	4.7	114	ND	ND	47.7	10.8	13.9	12.8	ND
S-03-0.5	880-ft trench	soil 3 - 6" depth	ND	ND	131	ND	ND	37.1	9.8	13.7	6.6	ND
S-03 -3	"	soil 2.5-ft depth	ND	ND	122	ND	ND	38.8	10.9	15.6	5.1	ND
S-04-0.5	880-ft trench	soil 3 - 6" depth	ND	3.3	112	ND	ND	37.4	8.9	13.6	6.8	ND
S-04-3	″	soil 3-ft depth	ND	2.8	126	ND	ND	46.0	10.5	14.7	5.0	ND
S-05-0.5	Power Block 2	soil 3 - 6" depth	ND	3.4	159	ND	ND	49.8	12.8	18.3	5.5	ND
S-05-3	"	soil 3-ft depth	ND	4.8	162	ND	ND	57.7	14.4	21.9	6.6	ND
S-06-0.5	Power Block 2	soil 3 - 6" depth	ND	ND	145	ND	ND	33.5	9.3	12.8	6.0	ND
S-06-3	"	soil 3-ft depth	ND	3.4	144	ND	ND	49.1	15.3	20.8	6.3	ND
Natural Background-1				1.5 - 11.8						38	2.3 - 116	0.8
Natural Background-2			0.63		328	1.7	0.2	30 - 146	19			
	Metals Analyzed											
	Antimony = Sb	Mercury = Hg										
	Arsenic = As	Molybdenum = Mo										
	Barium = Ba	Nickel = Ni										
	Beryllium = Be	Selenium = Se										
	Cadmium = Cd	Silver = Ag										

it							
Mo	**Ni**	**Se**	**Ag**	**Tl**	**V**	**Zn**	**pH**
ND	54.4	ND	ND	ND	44.8	42.6	5.64
ND	55.7	ND	ND	ND	45.9	37.5	6.77
ND	47.0	ND	ND	ND	43.2	38.4	5.46
ND	48.1	ND	ND	ND	43.9	33.9	6.24
ND	43.8	ND	ND	ND	36.9	40.8	5.72
ND	48.1	ND	ND	ND	42.8	38.8	5.96
ND	43.4	ND	ND	ND	39.7	42.3	5.49
ND	46.8	ND	ND	ND	46.4	39.7	5.9
ND	57.0	ND	ND	ND	52.8	47.1	6.02
ND	69.6	ND	ND	ND	62.3	52.6	6.2
ND	40.2	ND	ND	ND	36.2	37.8	5.87
ND	64.0	ND	ND	ND	56.2	43.3	6.1
		0.2				96	
0.7	22 - 496		0.08	0.5	60 - 145		

Attachment 6

Photo Log

Photo 1: View of Power Block 1 location

Photo 2: Alternate view of Power Block 1 location

Photo 3: View of Power Block 2 location

Photo 4: Sample SB-01

Photo 5: Sample SB-02

Photo 6: Sample SB-04

Photo 7: Additional view of SB-04

Photo 8: Sample SB-06

Attachment 7

Field Notes

Date 10/2/2023 Page 1 of 1

FIELD OBSERVATION REPORT

Project Information		Project Contacts	
Project #	23028-001	GeoKinetics PM	JES
Project Name	Form Energy	Client Name	Risk SCI
Project Street	7379 East Rd	Site Contact Company	
Project City	Redwood Valley	Site Contact Name	
Project State	CA	Site Contact Role	

		AM	PM
Arrival Time	0935	Temperature (F)	52F	56F
Departure Time	1446	Precipitation (Yes/No)	N	N

Cloud Cover				
☐ Fog	☒ 0%	☐ 33%	☐ 66%	☐ 100%

Ground Moisture				
☒ Dry	☐ Damp	☐ Inundated	☐ Frost	☐ Snow

Scope of Work

Task	Area Designator	Status
Collect shallow (surface) and deep (3ft) soil samples		Complete

Field Observations & Notes

0935 arrive on-site; begin setup of equip and site observations

1023 begin sampling @ SB-02

1054 begin work @ SB-01

1122 begin work @ SB-03; Relocated based on field conditions and location of trenches / Power Poles/ guylines

1157 refusal on SB-03 @ 2.0 FT BGS; Transitioned to slide hammer Refusal due to gravel

1207 lunch

1245 Resume work; Decon equipment.

1446 Depart site

GeoKinetics
Geotechnical & Environmental Engineers

Prepared By JES
Signature
Date 10-2-2023

Reviewed By KD
Signature
Date 10-4-23

GeoKinetics
Geotechnical &
Enviornmental Engineers

Log of Boring SB-01

Project Number 23028-001	Drilling Date 10/2/2023	Coordinates NA
Project Name FORM Energy	Total Depth 3.5	Coord Sys NA
Client Risk SCI	Diameter 4-in HA; 2-in DP	Completion backfilled with soil cuttings
Address 7399 East Rd, Redwood Valley CA	Casing NA	Surface Elevation unknown
Licence No.	Screen NA	Well TOC NA

Comments Hand Augered boring. Samples collected with Slide hammer into 2-in OD SS. Sleeve (6-in length)

Logged By JES
Checked By KD

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	Sampling Resistance, blows/ft	USCS Symbol	Graphic Log	Material Description	Remarks and Other Tests
	0							
	0.5		SB-01-0.5		ML		ML: loose, dry, Brown, 10YR4/4, fine to no clay or gravel. some (15-30%) sand.	
	3.0		SB-01-3					
	3.5						3.5 ft bgs	
	5							
	10							
	15							
	20							

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Log of Boring SB-02

Project Number 23028-001	Drilling Date 10/2/2023	Coordinates NA
Project Name FORM ENERGY	Total Depth 3.5	Coord Sys NA
Client Risk SCI	Diameter 4-in HA, 2-in DP	Completion backfilled with soil cuttings
Address 7399 East Rd, Redwood Valley CA	Casing NA	Surface Elevation unknown
Licence No.	Screen NA	Well TOC NA

Comments Hand Augered boring. Samples collected with Slide hammer in 2-in O.D. SS sleeves (6-in length)

Logged By JES
Checked By KO

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	Sampling Resistance, blows/ft	USCS Symbol	Graphic Log	Material Description	Remarks and Other Tests
	0							
	0.5		SB-02-0.5		ML		(ML) loose, dry, Brown (10YR 4/4) Little to No clay/gravel Some (15-30% sand)	
	3.0		SB-02-3.5					
	3.5		SB-02-3				3.5 ft bgs	
	5							
	10							
	15							
	20							

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Log of Boring SB-03

Project Number 23028-001	Drilling Date 10-2-2023	Coordinates NA
Project Name FORM ENERGY	Total Depth 2.5	Coord Sys NA
Client Rish SCI	Diameter 9-in HSA / 2-in DP	Completion backfilled with soil cuttings
Address 7399 East Rd. Redwood Valley CA	Casing NA	Surface Elevation unknown
Licence No.	Screen NA	Well TOC NA

Comments Hand augered boring. Samples collected with Slide hammer in 2-in OD SS sleeves (6-in length)

Logged By JEJ
Checked By KD

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	Sampling Resistance, blows/ft	USCS Symbol	Graphic Log	Material Description	Remarks and Other Tests
	0							
	0.5		SB-03-0.5		ML		(ML) Loam, brown (10YR 4/3), dry. Little to No sand gravel/fines. Some (15-30%)	
	2.0		SB-03-2.5		ML		Encountered fine gravel (<15%) up to 2-in OD.	
	2.5						2.5 Ft bgs	
	5							
	10							
	15							
	20							

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Log of Boring SB-04

Project Number 28028-001	Drilling Date 10-2-2023	Coordinates NA
Project Name FORM ENERGY	Total Depth 3.5	Coord Sys NA
Client Risk SCI	Diameter 4-in HA 2-in DP	Completion Backfilled with soil cuttings
Address 7599 East Rd, Redwood Valley CA	Casing NA	Surface Elevation unknown
Licence No.	Screen NA	Well TOC NA

Comments: Hand Augered boring; Sampled using Slide hammer with 2-in OD. SS sleeves (6-in length)

Logged By JES
Checked By KD

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	Sampling Resistance, blows/ft	USCS Symbol	Graphic Log	Material Description	Remarks and Other Tests
	0							
	0.5		SB-04-0.5		ML		ML: loose, dry, Brown (10 YR 4/4), little to no clay; few (<15%) gravel; few (<15% sand).	
	3		SB-04-3				Same as above, ~~grout~~ with some (15-30%) gravel	
	3.5						3.5 ft BGS	
	5							
	10							
	15							
	20							

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Enviornmental Engineers

Log of Boring SB-05

Project Number 23028-001	Drilling Date 10-2-2025	Coordinates NA
Project Name FORMENERGY	Total Depth 3.5	Coord Sys NA
Client Risk SCI	Diameter 4-in HA; 2-in DP	Completion Backfilled with soil cuttings
Address 7399 East Rd, Redwood Valley CA	Casing NA	Surface Elevation Unknown
Licence No.	Screen NA	Well TOC NA

Comments Hand Augered boring; Sampled using slide hammer with 2-in O.D. SS. Sleeve (6-in length)

Logged By JES
Checked By RO

Depth (feet)	Sample Type	Sample Number	Sampling Resistance, blows/ft	USCS Symbol	Graphic Log	Material Description	Remarks and Other Tests
0		SB-05-0.5		ML		ML: Loose, dry, Brown (10YR 4/4) little to no clay; few (<15%) gravel; few (<15% sand)	
		SB-05-3				As above but some (15-30%) gravel	
3.5						3.5 ft bgs	
5							
10							
15							
20							

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Geotechnical & Enviornmental Engineers

Log of Boring SB-06

Project Number 23028-001	Drilling Date 10-2-2023	Coordinates NA
Project Name FORM ENERGY	Total Depth 3.5	Coord Sys NA
Client Risk SCS	Diameter 4-in HA; 2-in DP	Completion backfilled with soil cuttings
Address 7399 East Rd, Redwood Valley CA	Casing NA	Surface Elevation unknown
Licence No.	Screen NA	Well TOC NA

Comments: Hand Augered boring; Samples collected using slide hammer with 2-in OD. SS. sleeve (6-in length)

Logged By JES
Checked By KD

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	Sampling Resistance, blows/ft	USCS Symbol	Graphic Log	Material Description	Remarks and Other Tests
	0		SB-06-0.5		ML	ML	ML: loose, dry; Brown (10YR 4/4) Little to no clay, few (<15%) sand and few (<15%) gravel.	
			SB-06-3					
	5							
	10							
	15							
	20							

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	ANALYSES	KPI Project No.
Form Energy			
Project Location	Client Project No. 23028-01		☐ EDF Log Code: _____
Contact	Sampler (Signature)		Global ID

Sample Identification No.	Date	Time	Lab Sample No.	Type of Sample	No. of Containers	TPHd/mo (8015)	OCP (8081)	OPP (8141)	Chlors (8151)	PCBs as Arochlors (8082)	pH	CAM 17	Expected Turnaround Time	Remarks
SB-01-0.5	10/2/2023	1058		GS	1								~~5 DAY~~ 5day	Hold for 2260
SB-01-3		1109												
SB-02-0.5		1130												
SB-02-3		1149												
SB-03-0.5		1138												
SB-03-2.5		1156												
SB-04-0.5		1249												
SB-04-3		1304												
SB-05-0.5		1318												
SB-05-3		1355												
SB-06-0.5		~~1425~~ 1411												
SB-06-3		1423												
EB		1451		~~WATER~~ AQ	3								HOLD	~~HOLD~~ AK

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
	KPI	10/2/23	15:58
Relinquished by: (Signature)	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

Disposal Method

Disposed by: (Signature) | Date | Time

White Copy : Accompanies Samples
Yellow Copy : Sampler

Attachment 8

Boring Logs

GeoKinetics
Geotechnical &
Enviornmental Engineers

Log of Boring SB-01

Project Number: 23028-001	Drilling Date: 10/2/2023	Coordinates: N/A
Project Name: FORM ENERGY	Total Depth: 3.5 feet	Coord Sys: N/A
Client: RISK SCI	Diameter: 4-in HA; 2-in DP	Completion: Backfilled with Soil Cuttings
Address: 7399 East Rd, Redwood Valley CA	Casing: N/A	Surface Elevation: Unknown
Licence No.:	Screen: N/A	Well TOC: N/A

Comments:
Hand Augered boring. Samples collected with slide hammer into 2-in OD S.S. Sleeve (6-in length)

Logged By: JES
Checked By: KD

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	Sampling Resistance, blows/ft	USCS Symbol	Graphic Log	Material Description	Remarks and Other Tests
	0							
	0.5		SB-01-0.5		ML		ML: loose, dry, Brown (10 YR 4/4), little to no clay or gravel. Some (15-30%) sand.	
	3		SB-01-3					
	3.5						3.5 ft bgs	
	5							
	10							
	15							
	20							

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Geotechnical &
Enviornmental Engineers

Log of Boring SB-02

Project Number: 23028-001	Drilling Date: 10/2/2023	Coordinates: N/A
Project Name: FORM ENERGY	Total Depth: 3.5 feet	Coord Sys: N/A
Client: RISK SCI	Diameter: 4-in HA; 2-in DP	Completion: Backfilled with Soil Cuttings
Address: 7399 East Rd, Redwood Valley CA	Casing: N/A	Surface Elevation: Unknown
Licence No.:	Screen: N/A	Well TOC: N/A

Comments
Hand Augered boring. Samples collected with slide hammer into 2-in OD S.S. Sleeve (6-in length)

Logged By: JES
Checked By: KD

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	Sampling Resistance, blows/ft	USCS Symbol	Graphic Log	Material Description	Remarks and Other Tests
	0							
	0.5		SB-02-0.5		ML		ML: loose, dry, Brown (10 YR 4/4), little to no clay or gravel. Some (15-30%) sand.	
	3		SB-02-3					
	3.5						3.5 ft bgs	
	5							
	10							
	15							
	20							

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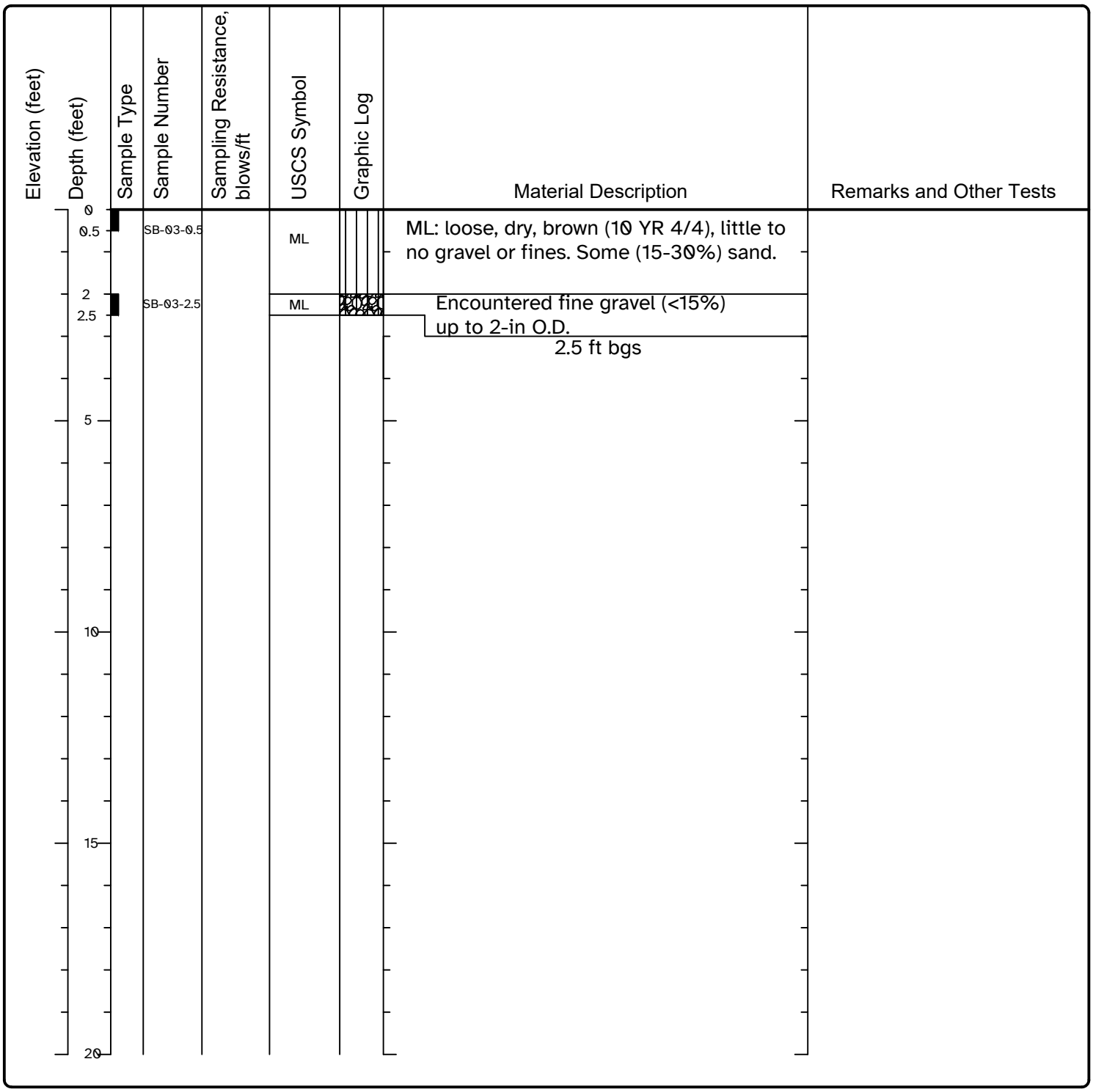
Log of Boring SB-03

Project Number: 23028-001	Drilling Date: 10/2/2023	Coordinates: N/A
Project Name: FORM ENERGY	Total Depth: 2.5 feet	Coord Sys: N/A
Client: RISK SCI	Diameter: 4-in HA; 2-in DP	Completion: Backfilled with Soil Cuttings
Address: 7399 East Rd, Redwood Valley CA	Casing: N/A	Surface Elevation: Unknown
Licence No.:	Screen: N/A	Well TOC: N/A

Comments
Hand Augered boring. Samples collected with slide hammer into 2-in OD S.S. Sleeve (6-in length)

Logged By: JES
Checked By: KD



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Log of Boring SB-04

Project Number: 23028-001	Drilling Date: 10/2/2023	Coordinates: N/A
Project Name: FORM ENERGY	Total Depth: 3.5 feet	Coord Sys: N/A
Client: RISK SCI	Diameter: 4-in HA; 2-in DP	Completion: Backfilled with Soil Cuttings
Address: 7399 East Rd, Redwood Valley CA	Casing: N/A	Surface Elevation: Unknown
Licence No.:	Screen: N/A	Well TOC: N/A

Comments
Hand Augered boring. Samples collected with slide hammer into 2-in OD S.S. Sleeve (6-in length)

Logged By: JES
Checked By: KD

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	Sampling Resistance, blows/ft	USCS Symbol	Graphic Log	Material Description	Remarks and Other Tests
	0							
	0.5		SB-04-0.5		ML		ML: loose, dry, brown (10 YR 4/4), little to no clay; few (<15%) gravel; few (<15%) sand.	
							Same as above with some (15-30%) gravel	
	3		SB-04-3					
	3.5						3.5 ft bgs	
	5							
	10							
	15							
	20							

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Log of Boring SB-05

Project Number: 23028-001	Drilling Date: 10/2/2023	Coordinates: N/A
Project Name: FORM ENERGY	Total Depth: 3.5 feet	Coord Sys: N/A
Client: RISK SCI	Diameter: 4-in HA; 2-in DP	Completion: Backfilled with Soil Cuttings
Address: 7399 East Rd, Redwood Valley CA	Casing: N/A	Surface Elevation: Unknown
Licence No.:	Screen: N/A	Well TOC: N/A

Comments
Hand Augered boring. Samples collected with slide hammer into 2-in OD S.S. Sleeve (6-in length)

Logged By: JES
Checked By: KD

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	Sampling Resistance, blows/ft	USCS Symbol	Graphic Log	Material Description	Remarks and Other Tests
	0							
	0.5		SB-05-0.5		ML		ML: loose, dry, brown (10 YR 4/4), little to no clay; few (<15%) gravel; few (<15%) sand.	
	3		SB-05-3				Same as above with some (15-30%) gravel	
	3.5						3.5 ft bgs	
	5							
	10							
	15							
	20							

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Log of Boring SB-06

Project Number: 23028-001	Drilling Date: 10/2/2023	Coordinates: N/A
Project Name: FORM ENERGY	Total Depth: 3.5 feet	Coord Sys: N/A
Client: RISK SCI	Diameter: 4-in HA; 2-in DP	Completion: Backfilled with Soil Cuttings
Address: 7399 East Rd, Redwood Valley CA	Casing: N/A	Surface Elevation: Unknown
Licence No.:	Screen: N/A	Well TOC: N/A

Comments
Hand Augered boring. Samples collected with slide hammer into 2-in OD S.S. Sleeve (6-in length)

Logged By: JES
Checked By: KD

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	Sampling Resistance, blows/ft	USCS Symbol	Graphic Log	Material Description	Remarks and Other Tests
	0							
	0.5		SB-06-0.5		ML		ML: loose, dry, brown (10 YR 4/4), little to no clay; few (<15%) gravel; few (<15%) sand.	
	3		SB-06-3					
	3.5						3.5 ft bgs	
	5							
	10							
	15							
	20							